



# Lenovo XClarity Orchestrator Messages Reference



**Version 2.0.0**

## Note

Before using this information and the product it supports, read the [general and legal notices in the XClarity Orchestrator online documentation](#).

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# Chapter 1. Events and alerts from XClarity Orchestrator

You can use the following messages to help you solve problems that might occur when using Lenovo XClarity Orchestrator. The messages that XClarity Orchestrator generates are listed in the events or alerts log.

The following information is provided for each XClarity Orchestrator event or alert message.

## Event code

A string that uniquely identifies the event or class of events for XClarity Orchestrator. This is a 12-character string in the following format.

**FQXXO***ccnnns*

where:

- *cc* identifies the component where the event originated. XClarity Orchestrator uses the following component IDs.
  - **AG.** Aggregated Data API
  - **CA.** Custom alerts
  - **CL.** Collections
  - **CO.** Connector
  - **GW.** Gateway
  - **IS.** iSDDC
  - **KN.** Knowledge
  - **MN.** Management services
  - **MO.** Inbound / Events / Active Alerts Monitoring
  - **PM.** Update-compliance policies
  - **RM.** Update packages
  - **SE.** Security
  - **SS.** Service and Support
  - **VA.** Virtual appliance
- *nnnn* identifies the unique message number.
- *s* identifies the severity, as follows.
  - **I.** Informational
  - **J.** Warning
  - **K.** Critical

## Severity

An indication of the level of concern for the condition, as follows.

- **Informational.** The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning.** The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical.** The event is a failure or critical condition that impairs service or an expected function.

## Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

## Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

#### **User Action**

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

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## **List of XClarity Orchestrator events**

This section lists all XClarity Orchestrator events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXXOBO00001I User {0} from remote IP address {1} has initiated an unmanage operation on device {2} (IP Address: {3}).**

#### **Explanation**

The job for unmanaging device {2} (IP Address: {3}) started successfully. You can monitor the job from the Jobs page. When the job is complete, an event indicating the status of the process is added to the event log.

#### **Severity**

Informational

#### **Serviceable with log**

No

#### **Automatically Notify Support**

No

#### **User Action**

Information only; no action is required.

- **FQXXOBO00002I The unmanage operation against device {0} (IP Address: {3}) initiated by user {1} from remote IP Address {2} completed successfully.**

#### **Explanation**

The job for unmanaging device {0} (IP Address: {3}) completed successfully. The device is no longer under management and cannot be accessed through the resources pages. You can find logs that are associated with this job on the Jobs summary page.

#### **Severity**

Informational

#### **Serviceable with log**

No

#### **Automatically Notify Support**

No

#### **User Action**

Information only; no action is required.

- **FQXXOBO00003J The unmanage operation against device {0} (IP Address: {3}) initiated by user {1} from remote IP Address {2} completed with errors.**

#### **Explanation**

The job for unmanaging device {0} (IP Address: {3}) completed with errors. You can find logs that are associated with this job on the Jobs summary page.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Retry the unmanage job after ensuring that all related errors that are described in the job logs are fixed.

- **FQXXOBO00004I User {0} from remote IP address {1} has initiated a manage operation on device {2} (IP Address: {3}).**

**Explanation**

The job for managing device {2} (IP Address: {3}) started successfully. You can monitor the job from the Jobs page. When the job is complete, an event indicating the status of the process is added to the event log.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOBO00005I The manage operation against device {0} (IP Address: {3}) initiated by user {1} from remote IP Address {2} completed successfully.**

**Explanation**

The job for managing device {0} (IP Address: {3}) completed successfully. The device is now managed and can be accessed through the resources pages. You can find logs that are associated with this job on the Jobs summary page.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOBO00006J The manage operation against device {0} (IP Address: {3}) initiated by user {1} from remote IP Address {2} completed with errors.**

**Explanation**

The job for managing device {0} (IP Address: {3}) completed with errors. You can find logs that are associated with this job on the Jobs summary page.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Retry the manage job after ensuring that all related errors that are described in the job logs are fixed.

- **FQXXOBO00007J The discovery-configuration settings modifications initiated by user {0} from remote IP Address {1} completed with errors.**

**Explanation**

The request to modify the discovery configuration settings was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Attempt to update the discovery configuration settings again. If the problem persists, contact Support.

- **FQXXOBO00008I The SLP auto-discovery setting was enabled by user {0} from remote IP Address {1}.**

**Explanation**

The request to modify the discovery-configuration settings completed successfully

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOBO00009I The SLP auto-discovery setting was disabled by user {0} from remote IP Address {1}.**

**Explanation**

The request to modify the discovery-configuration settings completed successfully

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOBO00010I The encapsulation on all future managed devices setting was enabled by user {0} from remote IP Address {1}.**

**Explanation**

The request to modify the discovery-configuration settings completed successfully



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOBO00011I The encapsulation on all future managed devices setting was disabled by user {0} from remote IP Address {1}.**

**Explanation**  
The request to modify the discovery-configuration settings completed successfully

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOBO00012I The register request setting was enabled by user {0} from remote IP Address {1}.**

**Explanation**  
The request to modify the discovery-configuration settings completed successfully

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOBO00013I The register request setting was disabled by user {0} from remote IP Address {1}.**

**Explanation**  
The request to modify the discovery-configuration settings completed successfully

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOBO00014I The offline devices cleanup setting was enabled by user {0} from remote IP Address {1}.**

**Explanation**

The request to modify the discovery-configuration settings completed successfully

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOBO00015I The offline devices cleanup setting was disabled by user {0} from remote IP Address {1}.**

**Explanation**

The request to modify the discovery-configuration settings completed successfully

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOBO00016I The offline devices cleanup setting was changed to {0} by user {1} from remote IP Address {2}.**

**Explanation**

The request to modify the discovery-configuration settings completed successfully

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOBO00017J The discovery-configuration settings modifications initiated by user {0} from remote IP Address {1} for manager {2} completed with errors.**

**Explanation**

The request to modify the discovery configuration settings for manager was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Attempt to update the discovery configuration settings again. If the problem persists, contact Support.

- **FQXXOBO00018I The discovery-configuration settings modifications initiated by user {0} from remote IP Address {1} for manager {2} completed successfully.**

**Explanation**

The request to modify the discovery configuration settings for manager completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0001I The operation to connect the XClarity Administrator from remote IP address {0} was started by user {1} at remote IP address {2}.**

**Explanation**

The user started the operation to connect one XClarity management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0002I The operation to connect the XClarity Administrator at remote IP address {0} started by user {1} from remote IP address {2} was successful.**

**Explanation**

The operation to connect one XClarity management server instance was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0003J The operation to connect the XClarity Administrator at remote IP address {0} started by user {1} from remote IP address {2} was unsuccessful.**

**Explanation**

The operation to connect one XClarity management server instance was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the management orchestrator server can reach to the XClarity management server. Verify that the credentials entered for the operation are correct and that the user has the necessary roles to create the connection.

- **FQXXOCO0004I User {0} from remote IP address {1} started the operation to disconnect the XClarity Administrator at remote IP address {2}.**

**Explanation**

The user started the operation to disconnect one XClarity management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0005I The operation to disconnect the XClarity Administrator at remote IP address {0} started by user {1} from remote IP address {2} was successful.**

**Explanation**

The operation to disconnect one XClarity management server instance was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0006J The operation to disconnect the XClarity Administrator at remote IP address {0} started by user {1} from remote IP address {2} was unsuccessful.**

**Explanation**

The operation to disconnect one XClarity management server instance was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the management orchestrator server can reach to the XClarity management server. Verify that the credentials entered for the operation are correct and that the user has the necessary roles to create the connection.

- **FQXXOCO0007K The authentication details for manager {0} instance are now invalid.**

**Explanation**

The authentication details to connect one management server instance are invalid.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the credentials.

- **FQXXOCO0008I The authentication details for manager {0} instance are now valid.**

**Explanation**

The authentication details to connect one management server instance are now valid.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0009I User {0} at IP Address {1} started the operation to change the credentials for XClarity Administrator instance {2}.**

**Explanation**

The user started the operation to change the credentials for XClarity management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0010I User {0} at IP Address {1} successfully changed the credentials for XClarity Administrator instance {2}.**

**Explanation**

User successfully changed the credentials for XClarity management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0011J User {0} at IP Address {1} unsuccessfully changed the credentials for XClarity Administrator instance {2}.**

**Explanation**

User unsuccessfully changed the credentials for XClarity management server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No user action required.

- **FQXXOCO0012J User {0} at IP Address {1} tried to change the credentials for XClarity Administrator instance that doesn't exist.**

**Explanation**

User tried to change the credentials for XClarity management server that doesn't exist.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No user action required.

- **FQXXOCO0013K The connection to manager {0} has problems.**

**Explanation**

There are connection problems for a management server instance.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the connection

- **FQXXOCO0014I The connection to manager {0} is now ok.**

**Explanation**

The problems to connect one management server instance has gone.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0015I User {0} from remote IP address {1} started the operation to connect an instance of EcoStruxureIT: {2}.**

**Explanation**

The user started the operation to connect one EcoStruxureIT instance.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0016J {0} The operation to connect the EcoStruxureIT instance, started by user {1} from remote IP address {2} was unsuccessful.**

**Explanation**

The operation to connect one EcoStruxureIT instance was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the management orchestrator server can reach to the EcoStruxureIT API. Verify that the credentials entered for the operation are correct and that the user has the necessary roles to create the connection.

- **FQXXOCO0017I {0} The operation to connect the EcoStruxureIT instance started by user {1} from remote IP address {2} was successful.**

**Explanation**

The operation to connect one EcoStruxureIT instance was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0018I The connection details of manager {2} were modified by user {0} from remote IP address {1}.**

**Explanation**

The user modified the connection and/or authentication details of the manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0019I The connection details of manager {2} were checked successfully. They were modified by user {0} from remote IP address {1}.**

**Explanation**

The connection and/or authentication details of the manager are correct.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO0020K The connection details of manager {2} were checked but are not correct. They were modified by user {0} from remote IP address {1}.**

**Explanation**

The connection and/or authentication details of the manager are not correct. The orchestrator server is not able to communicate with it correctly.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Add valid connection and authentication details on the manager so that the orchestrator server can communicate with it correctly.

- **FQXXOCO0021K User {0} from remote IP address {1} tried to modify the connection details of manager {2} but the operation failed on the orchestrator server.**

**Explanation**

The operation to change the details of the manager failed in the orchestrator server.

**Severity**

Critical

**Serviceable with log**



No

**Automatically Notify Support**

No

**User Action**

Contact the service and support team.

- **FQXXOCO1001I User {0} from remote IP address {1} started the operation to connect to XClarity Administrator {2} through port {3}.**

**Explanation**

The user started the operation to connect one XClarity management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1002I User {0} from remote IP address {1} started the operation to connect to Schneider EcoStruxure IT {3}.**

**Explanation**

The user started the operation to connect to Schneider EcoStruxure IT.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1003I User {0} from remote IP address {1} started the operation to connect to vRealize Operations Manager {2} through port {3}.**

**Explanation**

The user started the operation to connect one vRealize Operations Manager server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1003K The request from {0} from remote IP address {1} to start a connection with a new manager or multiple managers was unsuccessful.**

**Explanation**

The operation to connect one or multiple management server instances was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact service and support if this problem persists.

- **FQXXOCO1004I User {0} from remote IP address {1} started the operation to disconnect XClarity Administrator {2}.**

**Explanation**

The user started the operation to disconnect an XClarity management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1005I User {0} from remote IP address {1} started the operation to disconnect Schneider EcoStruxure IT {2}.**

**Explanation**

The user started the operation to disconnect Schneider EcoStruxure IT.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1006I User {0} from remote IP address {1} started the operation to disconnect vRealize Operations Manager {2}.**

**Explanation**

The user started the operation to disconnect an vRealize Operations Manager server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1006K The request from {0} from remote IP address {1} to disconnect from a manager or multiple managers was unsuccessful.**

**Explanation**

The operation to disconnect one multiple management server instances was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact service and support if this problem persists.

- **FQXXOCO1007J The request from {0} from remote IP address {1} to disconnect from a manager or multiple managers was unsuccessful.**

**Explanation**

The operation to disconnect one multiple management server instances was unsuccessful. This problem happens when the requested managers are not connect with the orchestrator server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the request is valid by refreshing in UI information.

- **FQXXOCO1008I The request launched by user {0} from remote IP address {1} to connect to XClarity Manager {2} using port {3} finished successfully.**

**Explanation**

The operation to connect to XClarity management server was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1009I The request launched by user {0} from remote IP address {1} to connect to Schneider EcoStruxure IT {2} finished successfully.**

**Explanation**

The operation to connect to Schneider EcoStruxure IT was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1010I The request launched by user {0} from remote IP address {1} to connect to vRealize Operations Manager {2} using port {3} finished successfully.**

**Explanation**

The operation to connect to vRealize Operations Manager server was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1010K The request launched by user {0} from remote IP address {1} to connect to XClarity Manager {2} using port {3} was unsuccessful.**

**Explanation**

The operation to connect to XClarity management server was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate the data that was input in the request.

- **FQXXOCO1011K The request launched by user {0} from remote IP address {1} to connect to Schneider EcoStruxure IT {2} was unsuccessful.**

**Explanation**

The operation to connect to Schneider EcoStruxure IT was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate the data that was input in the request.

- **FQXXOCO1012I The request launched by user {0} from remote IP address {1} to disconnect from XClarity Manager {2} finished successfully.**

**Explanation**

The operation to disconnect from XClarity management server was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1012K The request launched by user {0} from remote IP address {1} to connect to vRealize Operations Manager {2} using port {3} was unsuccessful.**

**Explanation**

The operation to connect to vRealize Operations Manager server was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate the data that was input in the request.

- **FQXXOCO1013I The request launched by user {0} from remote IP address {1} to disconnect from Schneider EcoStruxure IT {2} finished successfully.**

**Explanation**

The operation to disconnect from Schneider EcoStruxure IT was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1014I The request launched by user {0} from remote IP address {1} to disconnect from vRealize Operations Manager {2} finished successfully.**

**Explanation**

The operation to disconnect from vRealize Operations Manager server was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1014K The request launched by user {0} from remote IP address {1} to disconnect from XClarity Manager {2} was unsuccessful.**

**Explanation**

The operation to disconnect from XClarity management server was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate the data that was input in the request.

- **FQXXOCO1015K The request launched by user {0} from remote IP address {1} to disconnect from Schneider EcoStruxure IT {2} was unsuccessful.**

**Explanation**

The operation to disconnect from Schneider EcoStruxure IT was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate the data that was input in the request.

- **FQXXOCO1016K The request launched by user {0} from remote IP address {1} to disconnect from vRealize Operations Manager {2} was unsuccessful.**

**Explanation**

The operation to disconnect from vRealize Operations Manager server was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate the data that was input in the request.

- **FQXXOCO1017I Management Hub {0} was added by user {1} from remote IP address {2}.**

**Explanation**

The operation to connect to Management Hub was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1018I Management Hub {0} was removed by user {1} from remote IP address {2}.**

**Explanation**

The operation to disconnect from Management Hub was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1019I Management Hub {0} connected successfully.**

**Explanation**

The Management Hub connected to the portal.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOCO1020K Management Hub {0} disconnected.**

**Explanation**

The Management Hub disconnected from the portal.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No user action required.

- **FQXXOGM0001I User {0} from remote IP address {1} successfully created the group {2} with {3} members.**

**Explanation**

The request to create a group has been completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOGM0002I User {0} from remote IP address {1} successfully deleted the group {2}.**

**Explanation**

The request to delete a group has been completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOGM0003I User {0} from remote IP address {1} successfully modified the group {2}.**

**Explanation**

The request to modify a group has been completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOGM0004I User {0} from remote IP address {1} successfully added {3} members to group {2}.**

**Explanation**

The request to add members to a group has been completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOGM0005I User {0} from remote IP address {1} successfully removed {3} members from group {2}.**

**Explanation**

The request to remove members from a group has been completed successfully.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOGM0006I User {0} from remote IP address {1} successfully replaced {3} members from group {2}.**

**Explanation**

The request to replace members from a group has been completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOIS0001J User {0} has too many failed login attempts to {1}.**

**Explanation**

Analytics has surfaced a warning that unauthorized personnel may be attempting to access this device.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Investigate the reason for the failed login attempts. Is there a potential that an unauthorized user is trying to access the device?

- **FQXXOIS0002J A critical or warning event is generated one or more times for {0} in at least three consecutive 5-minute periods.**

**Explanation**

Analytics has determined that the number of repeated critical events has reached a threshold.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

View the event log for this device, and follow the recommended actions for those events to eliminate these continued events.

- **FQXXOIS0003J More than five critical or warning events are generated for {0} each hour for two or more consecutive hours.**

**Explanation**

Analytics has determined that the number of repeated critical events has reached a threshold.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

View the event log for this device, and follow the recommended actions for those events to eliminate these continued events

- **FQXXOIS0004J {0} device fails its connectivity check more than twice per hour for 4 or more hours.**

**Explanation**

Analytics has determined that the number of connectivity issues when communicating with this device is above normal.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the networking between the management server and the device.

- **FQXXOIS0005J {0} device reports large gaps in sequence numbers once per day for more than 4 days.**

**Explanation**

Analytics has determined that the number of missing events could signal possible issues.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

It is recommended to check the device's own event log to view events that the management server was not able to receive.

- **FQXXOIS0006J Some device events were not received by the management server.**

**Explanation**

Missing events were detected via gaps in sequence numbers, that could not be recovered.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

It is recommended to check the device's own event log to view events that the management server was not able to receive.

- **FQXXOIS0007J The firmware version of the {0} is over two years old, so is more vulnerable to bugs and security issues.**

**Explanation**

Firmware that is not kept current can frequently have more vulnerabilities.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Upgrade the firmware to a newer level.

- **FQXXOIS0008J The number of devices managed by LXCA {0} has exceeded the alarm threshold or is predicted to exceed the maximum management threshold in the next 30 days.**

**Explanation**

Analytics is predicting that continuing to add new devices to the management server at the current rate could lead to overloading.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Set up an additional management server instance and re-assign managed devices.

- **FQXXOMN0001J The XClarity Orchestrator Management licenses are no longer valid.**

**Explanation**

The installed licenses are no longer valid.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0002J The XClarity Orchestrator Analytics licenses are no longer valid.**

**Explanation**

The installed licenses are no longer valid.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0003I The XClarity Orchestrator server is currently running without an installed Management license.**

**Explanation**

There are no Management licenses detected. Currently running under the trial mode for 90 days. There are no restrictions for 90 days.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0004I The XClarity Orchestrator server is currently running without an installed Analytics license.**

**Explanation**

There are no Analytics licenses detected. Currently running under the trial mode for 90 days. There are no restrictions for 90 days.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0005J Devices count limit exceeded for the XClarity Orchestrator Management license, but within over-allowance.**

**Explanation**

Managed devices count exceeds the entitled limit, but is still within over-allowance.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0006J Devices count limit exceeded for the XClarity Orchestrator Analytics license, but within over-allowance.**

**Explanation**

Managed devices count exceeds the entitled limit, but is still within over-allowance.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0007K Devices count limit exceeded for the XClarity Orchestrator Management license by {0}.**

**Explanation**

Managed devices count exceeds the entitled limit. The over-allowance has also been exceeded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0008K Devices count limit exceeded for the XClarity Orchestrator Analytics license by {0}.**

**Explanation**

Managed devices count exceeds the entitled limit. The over-allowance has also been exceeded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0009I The XClarity Orchestrator license 90-Day trial period countdown started.**

**Explanation**

The installed licenses are not longer valid or none is installed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0010I The XClarity Orchestrator license 90-Day grace period countdown started.**

**Explanation**

The installed licenses are not longer valid or none is installed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0011I The XClarity Orchestrator Management 90-Day trial period expires on {0}.**

**Explanation**

The license will expire in less than 90 days.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0012I The XClarity Orchestrator Analytics 90-Day trial period expires {0}.**

**Explanation**

The license will expire in less than 90 days.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0013I The XClarity Orchestrator Management 90-Day grace period expires on {0}.**

**Explanation**

The license will expire in less than 90 days.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOMN0014I The XClarity Orchestrator Analytics 90-Day grace period expires on {0}.**

**Explanation**  
The license will expire in less than 90 days.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOMN0015K The XClarity Orchestrator Management 90-Day trial period is expired.**

**Explanation**  
The trial license is expired..

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0016K The XClarity Orchestrator Analytics 90-Day trial period is expired.**

**Explanation**  
The trial license is expired..

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0017K The XClarity Orchestrator Management 90-Day grace period is expired.**

**Explanation**

The trial license is expired..

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0018K The XClarity Orchestrator Analytics 90-Day grace period is expired.**

**Explanation**

The trial license is expired..

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the Lenovo point of contact in order to purchase new licenses and install them in order to become compliant.

- **FQXXOMN0019I The XClarity Orchestrator Analytics services are no longer available.**

**Explanation**

Your analytics license is not present or invalid.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0020I The XClarity Orchestrator Analytics services have been enabled.**

**Explanation**

The XClarity Orchestrator Analytics services have been enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Information only; no action is required.

- **FQXXOMN0021I The XClarity Orchestrator Management services are no longer available.**

**Explanation**

Your management license is not present or invalid.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMN0022I The XClarity Orchestrator Management services have been enabled.**

**Explanation**

The XClarity Orchestrator Management services have been enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMO0001I User {0} at IP Address {1} created a new exclusion rule.**

**Explanation**

The user successfully created the exclusion rule.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOMO0002I User {0} at IP Address {1} deleted a new exclusion rule.**

**Explanation**

The user successfully deleted the exclusion rule.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOPM00001I User {0} deleted policy {1}.**

**Explanation**

A user deleted a policy.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOPM00002I User {0} deleted the following policies: {1}.**

**Explanation**

A user deleted multiple policies.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXORM0001I The user {0} at IP address {1} successfully deleted the payload of the update package with id {2}.**

**Explanation**

The delete operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXORM0002I The user {0} at IP address {1} successfully deleted entirely the update package with id {2}.**

**Explanation**

The delete operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0001I The login operation for user {0} from remote IP address {1} was successful.**

**Explanation**

The login operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0002J The login operation for user {0} from remote IP address {1} was unsuccessful.**

**Explanation**

The login operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If this event persists, verify with the specified user if he owns the correct password or if the user account is being used as an attack.

- **FQXXOSE0003I The logout operation for user {0} from remote IP address {1} was successful.**

**Explanation**

The logout operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0003J The login operation from remote IP address {0} for a username that contains invalid characters was unsuccessful.**

**Explanation**

The login operation with invalid characters was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If this event persists, verify with the specified user if he owns the correct password or if the user account is being used as an attack.

- **FQXXOSE0004I Removing the access control list by user {0} from IP address {1} completed successfully.**

**Explanation**

The access control list was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0004J The login operation from remote IP address {0} for a username that does not exist was unsuccessful.**

**Explanation**

The login operation with unknown username was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If this event persists, verify with the specified user if he owns the correct password or if the user account is being used as an attack.

- **FQXXOSE0005I Creating the user group by user {0} from IP address {1} completed successfully.**

**Explanation**

The user group was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0006I Removing the user group by user {0} from IP address {1} completed successfully.**

**Explanation**

The user group was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0007I The create operation for user account {0} from remote IP address {1} was successful.**

**Explanation**

The create operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0008I The update operation for user account {0} from remote IP address {1} was successful.**

**Explanation**

The update operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0009I The delete operation for user account {0} from remote IP address {1} was successful.**

**Explanation**

The delete operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0010I Creating the access control list by user {0} from IP address {1} completed successfully.**

**Explanation**

The access control list was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0011I Updating the access control list by user {0} from IP address {1} completed successfully.**

**Explanation**

The access control list was updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0012I The access list association between resource {0} and ACL {1} created by user {2} from remote IP address {3} was successful.**

**Explanation**

The create ACL Association was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0013I Certificate with subject {0} changed it's state to Active.**

**Explanation**

The certificate managed by the orchestrator server changed it's state to Active. From this point on the certificate will be used to do communications.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0014J Certificate with subject {0} changed it's state to Expired.**

**Explanation**

The certificate managed by the orchestrator server changed it's state to Expired. From this point on the certificate will not be used to do communications.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the certificate is not used by a feature which is not in use.

- **FQXXOSE0015I User {0} from remote IP address {1} uploaded a new certificate with subjectDB {2}.**

**Explanation**

A user uploaded a new certificate in the orchestrator server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0016J User {0} from remote IP address {1} tried to upload a new certificate in the orchestrator server without success.**

**Explanation**

A user tried to upload a new certificate in the orchestrator server, but the operation failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate that the certificate is in a supported format and uncorrupted.

- **FQXXOSE0017I User {0} from remote IP address {1} removed certificate with subjectDB {2}.**

**Explanation**

A user uploaded a new certificate in the orchestrator server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0018J User {0} from remote IP address {1} tried to remove a certificate in the orchestrator server without success.**

**Explanation**

A user tried to remove a new certificate in the orchestrator server, but the operation failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate that the certificate is still present on the server.

- **FQXXOSE0019I The update operation for account security settings by user {0} from remote IP address {1} was successful.**

**Explanation**

The update account security settings operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0019J Your account might be compromised.**

**Explanation**

Someone tried to compromise your account from remote IP address {0}.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0020I Session {0} was deleted from remote IP address {1}.**

**Explanation**

The delete operation was successful.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOSE0021J User {0} is locked due to too many failed log-in attempts.**

**Explanation**  
User {0} tried to log in using invalid credentials more times than allowed.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Wait the required amount of time, and then attempt to log in again. For more information, contact your system administrator.

- **FQXXOSE0022J Password for user {0} expired. The account is locked.**

**Explanation**  
The password for user {0} expired and must be changed.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Change the password and then attempt to log in again.

- **FQXXOSE0023I The add operation for LDAP Server {0}:{1} by user {2} from remote IP address {3} was successful.**

**Explanation**  
The create operation was successful.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXXOSE0024I The update operation for LDAP Server {0}:{1} by user {2} from remote IP address {3} was successful.**

**Explanation**

The modify operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0025I The delete operation for LDAP Server {0}:{1} by user {2} from remote IP address {3} was successful.**

**Explanation**

The delete operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0026J Removing the user group by user {0} from IP address {1} completed successfully, but the access-control list {2} is no longer valid.**

**Explanation**

The access-control list {2} is no longer valid because the associated user group was removed. Each access-control list must include a user group.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Add a valid user group to the access-control list.

- **FQXXOSE0027J Removing the user group by user {0} from IP address {1} completed successfully, but access-control list {2} is no longer valid.**

**Explanation**

The access-control list {2} is no longer valid because the associated user group was deleted after the LDAP configuration was removed. Each access-control list must include a user group.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Add a valid user group to the access-control list.

- **FQXXOSE0028I Updating the user group by user {0} from IP address {1} completed successfully.**

**Explanation**

The access control list was updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0029I Enabling or disabling resource based access control by user {0} from IP address {1} completed successfully.**

**Explanation**

Resource based access control was enabled or disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0030I The authentication token for hub {0} has been revoked by user {1} at IP address {2}.**

**Explanation**

The authentication token has been removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSE0031J The login operation for user {0} from remote IP address {1} was unsuccessful.**

**Explanation**

The login operation was unsuccessful due to the truscale sync failure.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If this event persists, contact the truscale system administrator.

- **FQXXOSS0001I The orchestrator server started collecting the service data from management server {0}.**

**Explanation**

The orchestrator server has started the process of collecting the service data from an administrator server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0002I The orchestrator server successfully finished collecting the service data from management server {0}.**

**Explanation**

The orchestrator server finished the process of collecting the service data from an administrator server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0003J The orchestrator server unsuccessfully finished collecting the service data from management server {0}.**

**Explanation**

The orchestrator server has failed the process of collecting the service data from an administrator server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that there still is a connection between the orchestrator and administrator servers.

- **FQXXOSS0004I The orchestrator server started collecting the service data from device {0}.**

**Explanation**

The orchestrator server has started the process of collecting the service data from a device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0005I The orchestrator server successfully finished collecting the service data from device {0}.**

**Explanation**

The orchestrator server finished the process of collecting the service data from a device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0006J The orchestrator server unsuccessfully finished collecting the service data from device {0}.**

**Explanation**

The orchestrator server has failed the process of collecting the service data from a device.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that there still is a connection between the orchestrator and administrator servers. Verify that the administrator server can communicate with the device and that the device supports the function of data collection.

- **FQXXOSS0007I The orchestrator server started attaching a note to ticket {0}. Action initiated by user {1} at IP Address {2}.**

**Explanation**

The orchestrator server has started the process of attaching a note to a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0008I The orchestrator server successfully attached the note {3} to the ticket {0}. Action initiated by user {1} at IP Address {2}.**

**Explanation**

The orchestrator server finished successfully the process of attaching a note to a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0009J The orchestrator server has failed the process of attaching a note to the service ticket {0}. Action initiated by user {1} at IP Address {2}.**

**Explanation**

The orchestrator server has failed the process of attaching a note to a service ticket.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Validate the data and retry. If the problem persists, please contact the service and support team.

- **FQXXOSS0013I User {0} at IP Address {1} started creating a {2} {3} ticket.**

**Explanation**

User has started creating a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0014I User {0} at IP Address {1} successfully finished creating a {2} {3} ticket.**

**Explanation**

User has finished creating a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0015J User {0} at IP Address {1} unsuccessfully finished creating a {2} {3} ticket.**

**Explanation**

User has failed creating a ticket.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0016I The orchestrator server started creating a ticket against device {0}.**

**Explanation**

The orchestrator server has started the process of creating a ticket against a device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0017I The orchestrator server successfully finished creating a ticket against device {0}.**

**Explanation**

The orchestrator server finished the process of creating a ticket against a device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0018J The orchestrator server unsuccessfully finished creating a ticket against device {0}.**

**Explanation**

The orchestrator server has failed the process of creating a ticket against a device.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that there still is a connection between the orchestrator and the device. Verify that the connection to call home is ok.

- **FQXXOSS0019I A file upload started for ticket id {0}. Action initiated by user {1} at IP Address {2}.**

**Explanation**

User has started uploading a file for a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0020J The orchestrator server was unable to upload a file for the ticket {0}. Action initiated by user {1} at IP Address {2}.**

**Explanation**

The management server could not complete uploading a file for a ticket.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0021I User {0} at IP Address {1} started a request to get the latest tickets status.**

**Explanation**

User has started a request to get the latest tickets status.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0022J The request for getting the latest tickets status has failed.**

**Explanation**

The management server could not complete the request.

**Severity**



Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0023I The orchestrator server successfully finished uploading a file for the ticket {0}. Action initiated by user {1} at IP Address {2}.**

**Explanation**

The orchestrator server finished the process of uploading a file for a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0024I The orchestrator server started uploading the file {0} for the ticket {1}.**

**Explanation**

The orchestrator server has started the process of uploading a file for a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0025I The orchestrator server successfully finished uploading the file {0} for the ticket {1}.**

**Explanation**

The orchestrator server finished the process of uploading a file for a ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0026J The orchestrator server unsuccessfully finished uploading the file {0} for the ticket {1}.**

**Explanation**

The orchestrator server has failed the process of uploading a file for a ticket.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that there still is a connection between the orchestrator and the LUF site.

- **FQXXOSS0027K The orchestrator server unsuccessfully finished creating a ticket against device {0}.**

**Explanation**

The orchestrator server has failed the process of creating a ticket against this resource, because invalid properties were found: {1}.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please make sure that the hardware data is valid, otherwise contact the Support Team.

- **FQXXOSS0028I Contact information with name {0} was created by user {1} from remote IP address {2}.**

**Explanation**

Contact information has been successfully created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0029I Contact information with name {0} was removed by user {1} from remote IP address {2}.**

**Explanation**

Contact information has been successfully removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS0030I Contact information with name {0} was modified by user {1} from remote IP address {2}.**

**Explanation**

Contact information has been successfully updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOSS9001I Service File saved to {0}.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOVA0001J The orchestrator server is missing the second attached hard drive required for the updates repository.**

**Explanation**

The orchestrator server is missing the second attached hard drive required for the updates repository and updates feature to work.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Shutdown the orchestrator server and attach a 2nd hard drive of at least 50GB in size to be used by the updates feature as a repository storing drive, then power on the orchestrator server.

- **FQXXOVA0002J The orchestrator server had detected a second hard drive that has insufficient space for the required update.**

**Explanation**

The orchestrator server needs a second hard drive with minimum 50GB required for the updates repository and updates feature to work.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Shutdown the orchestrator server and modify the size of the second hard drive to 50GB, then power on the orchestrator server.

- **FQXXOVA0003I The orchestrator server has a dedicated attached hard drive that will act as the updates repository storing drive.**

**Explanation**

The orchestrator server detected that the second hard drive is attached and configured to be used as the updates repository storing drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXXOWA0001W The warranty for device {0} will expire in {1} day(s)**

**Explanation**

The warranty associated with device {0} will end on {2}.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact your local sales team to extend the device warranty.

- **FQXXOWA0002K The warranty for device {0} has expired.**

**Explanation**

The warranty associated with device {0} has ended on {2}.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact your local sales team to extend the device warranty.

- **FQXXOWA0003W The warranty for device {0} has expiration date {1}.**

**Explanation**

The warranty associated with device {0} has expiration date {1}.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact your local sales team to extend the device warranty.



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## Chapter 2. Events and alerts from XClarity Management Hub and XClarity Administrator

From the web interface, you can view information about all management-server and hardware-related events and alerts that are raised or collected by the Lenovo XClarity Management Hub and Lenovo XClarity Administrator. These messages are listed in events or alerts log.

The following information is provided for each event message.

### Event identifier

A string that uniquely identifies the event or class of events. This is a 12-character string in the following format.

**FQXHM***ccnnns*

where:

- **cc** identifies the component where the event originated. Lenovo XClarity Management Hub and Lenovo XClarity Administrator events use the following component IDs.
  - **CN.** Console
  - **CP.** Configuration patterns
  - **CR.** Virtual appliance
  - **DI.** Discovery and device management
  - **DM.** Data management
  - **EM.** Events and monitoring
  - **FC.** Operating-system deployment
  - **JM.** Jobs management
  - **MF.** Metric data collection and forwarders
  - **MI.** Data migration
  - **NM.** Network management
  - **RC.** Remote Control
  - **SE.** Security
  - **SP.** Switch ports
  - **SS.** Service and support
  - **ST.** Storage management
  - **TS.** ThinkServer management
  - **UP.** Updates
- *nnn* identifies the specific message.
- *s* identifies the severity, as follows.
  - **I.** Information. No action is required
  - **F.** Warning. No action is required
  - **G.** Warning. Action can be deferred
  - **H.** Warning (minor). Action can be deferred
  - **J.** Warning (minor). Immediate action is required
  - **K.** Critical. Action can be deferred
  - **L.** Critical. Immediate action is required
  - **M.** Critical. Immediate action is required
  - **N.** Critical. Immediate action is required

### Arguments

A description of each substitution variable, such as *[arg1]* or *[arg2]*, that is included in the event description.

### Severity

An indication of the level of concern for the condition, as follows.

- **Informational.** The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning.** The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical.** The event is a failure or critical condition that impairs service or an expected function.

### Alert Category

Alerts are grouped into categories, such as Audit -- User Action.

### Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

### Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

### User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

---

## List of XClarity Administrator events

This section lists all XClarity Administrator events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXHMCP1105I Pattern {0} was deployed to {1}.**

#### Explanation

A deployment of a server or chassis pattern has completed.

#### Severity

Informational

#### Serviceable with log

No

#### Automatically Notify Support

No

#### User Action

Information only; no action is required.

- **FQXHMCP1110I Pattern {0} deployment started.**

#### Explanation

A deployment of a server or chassis pattern has started.

#### Severity

Informational

#### Serviceable with log

No

#### Automatically Notify Support

No



**User Action**

Information only; no action is required.

- **FQXHMCP1115J Pattern {0} failed to deploy on {1}.**

**Explanation**

The pattern could not be deployed to the specified server or chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the job log for this job to determine the cause of the issue and to resolve it.

- **FQXHMCP1135I Profile {0} redeployment has started.**

**Explanation**

A redeployment of a server or chassis profile has started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1145I Profile {0} was redeployed to {1}.**

**Explanation**

A server or chassis profile was redeployed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1155J Profile {0} could not be redeployed to {1}.**

**Explanation**

The profile could not be redeployed to the specified server or chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the job log for this redeployment to determine the cause of the issue and to resolve it.

- **FQXHMCP1165I Profile {0} was unassigned from {1}.**

**Explanation**

The profile is no longer associated with the specified server or chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1175J Profile {0} could not be unassigned from {1}.**

**Explanation**

The specified profile could not be unassigned. It is still assigned to the specified target.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Retry the operation. If the problem persists, contact Support.

- **FQXHMCP1180J Server configuration profile {0} is non-compliant.**

**Explanation**

The server's configuration settings do not match the assigned configuration profile.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check compliance details in Server Profiles page. Redeploy the configuration profile, if needed.

- **FQXHMCP1185J Server configuration profile {0} is non-compliant.**

**Explanation**

The server's configuration settings do not match the assigned configuration profile.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check compliance details in Server Profiles page. Redeploy the configuration profile, if needed.

- **FQXHMCP1190J The server configuration non-compliant alert was deserted for profile {0}.**

**Explanation**

A critical alert was deserted on the specified device.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1205I Failover from server {0} to standby server {1} has completed.**

**Explanation**

The profile from the failed server has been redeployed successfully to the standby server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1210I {0} failover from server {1} to standby server {2} has started.**

**Explanation**

Failover from the failed server to the standby server started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1215M Failover from server {0} to standby server {1} was not successful.**

**Explanation**

The profile for the failed server could not be redeployed to the standby server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the job log for this job to determine the cause of the issue and to resolve it.

- **FQXHMCP1255M No standby servers were available in pool {0} for failover for server {1}.**

**Explanation**

The selected standby server pool does not have available servers matching the form factor of the failed server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure that the selected standby server pool contains a server with a form factor that matches the failed server. Then, perform the failover again if you are attempting a manual failover.

- **FQXHMCP1275J Standby pool {0} has no servers available for failover.**

**Explanation**

At least one available server must be present in the standby server pool. This standby pool no longer has available servers for failover.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Add at least one available server to the standby server pool.

- **FQXHMCP1300I Local storage is being reset to the default configuration.**

**Explanation**

The job to reset local storage settings to the default configuration has started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1305I Local storage has been reset to the default configuration.**

**Explanation**

The job to reset local storage settings to a default configuration has completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP1315J Local storage could not be reset to the default configuration.**

**Explanation**

The job to reset local storage to the default configuration could not be completed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the internal RAID firmware for the selected node is at level 10.00.11.00 or higher. Then, verify node connectivity by making sure that the compute node status is normal from the Compute Nodes page in the management server user interface.

- **FQXHMCP1400I The Intel Optane DC Persistence Memory security operation is in progress.**

**Explanation**

Security operation is in progress.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5100I User {0} created pattern {1}.**

**Explanation**

The specified pattern was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5105J Pattern name {0} is already in use.**

**Explanation**

The specified pattern was not created because the name is already in use.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Choose a name that has not already been used and create the pattern again.

- **FQXHMCP5110I {0} deployed existing pattern {1}.**

**Explanation**

An existing pattern was deployed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5120I User {0} edited pattern {1}.**

**Explanation**

The specified pattern was edited.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5125J Pattern {0} was not found.**

**Explanation**

The specified pattern was not found.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The pattern might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5130I User {0} copied pattern {1}.**

**Explanation**

The specified pattern was copied.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5140I User {0} renamed pattern {1}.**

**Explanation**

The specified pattern was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5150I User {0} deleted pattern {1}.**

**Explanation**

The specified pattern was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5240I User {0} renamed profile {1}.**

**Explanation**

The specified profile was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5250I User {0} deleted profile {1}.**

**Explanation**

The specified profile was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5260I User {0} deployed profile {1}.**

**Explanation**

The specified profile was deployed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5300I User {0} created address pool {1}.**

**Explanation**

The specified address pool was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5305J Address pool name {0} is already in use.**

**Explanation**

The specified address pool name is already in use.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Choose a name that has not already been used and create the address pool again.

- **FQXHMCP5320I User {0} edited address pool {1}.**

**Explanation**

The specified address pool was edited.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5325J Address pool {0} was not found.**

**Explanation**

The specified address pool was not found.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The address pool might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5330I User {0} copied address pool {1}.**

**Explanation**

The specified address pool was copied.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5340I User {0} renamed address pool {1}.**

**Explanation**

The specified address pool was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5350I User {0} deleted address pool {1}.**

**Explanation**

The specified address pool was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5400I User {0} created standby pool {1}.**

**Explanation**

The specified standby server pool was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5405J Standby pool name {0} is already in use.**

**Explanation**

The specified standby pool name is already in use.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Choose a name that has not already been used and create the standby pool again.

- **FQXHMCP5420I User {0} edited standby pool {1}.**

**Explanation**

The specified standby server pool was edited.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5425J Standby pool {0} was not found.**

**Explanation**

The specified standby pool was not found.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The standby pool might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5430I User {0} copied standby pool {1}.**

**Explanation**

The specified standby server pool was copied.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5440I User {0} renamed standby pool {1}.**

**Explanation**

The specified standby server pool was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5450I User {0} deleted standby pool {1}.**

**Explanation**

The specified standby server pool was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5500I User {0} created placeholder chassis {1}.**

**Explanation**

The specified placeholder chassis was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5505J Placeholder chassis name {0} is already in use.**

**Explanation**

The specified placeholder chassis name is already in use.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Choose a name that has not already been used and create the placeholder chassis again.

- **FQXHMCP5520I User {0} edited placeholder chassis {1}.**

**Explanation**

The specified placeholder chassis was edited.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5525J Placeholder chassis {0} was not found.**

**Explanation**

The specified placeholder chassis was not found.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The placeholder chassis might have been deleted. Review the event log for deletion messages.

- **FQXHMCP5530I User {0} copied placeholder chassis {1}.**

**Explanation**

The specified placeholder chassis was copied.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5540I User {0} renamed placeholder chassis {1}.**

**Explanation**

The specified placeholder chassis was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5550I User {0} deleted placeholder chassis {1}.**

**Explanation**

The specified placeholder chassis was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5600I User {0} created policy {1}.**

**Explanation**

The specified policy was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5605J Policy name {0} is already in use.**

**Explanation**

The specified policy name is already in use.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Choose a name that has not already been used and create the policy again.

- **FQXHMCP5620I User {0} edited policy {1}.**

**Explanation**

The specified policy was edited.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5625J Policy {0} was not found.**

**Explanation**

The specified policy was not found.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The policy may have been deleted. Review the event log for deletion messages.

- **FQXHMCP5630I User {0} copied policy {1}.**

**Explanation**

The specified policy was copied.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5640I User {0} renamed policy {1}.**

**Explanation**

The specified policy was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5650I User {0} deleted policy {1}.**

**Explanation**

The specified policy was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5700I User {0} started failover monitoring for {1} using standby pool {2} and failover policy {3}.**

**Explanation**

Failover monitoring was started on the selected server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5710I User {0} restarted failover monitoring for {1}.**

**Explanation**

Failover monitoring was restarted on the selected server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5720I User {0} edited failover monitoring for {1}.**

**Explanation**

Failover monitoring was edited on the selected server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5730I User {0} performed a failover to standby server {1}.**

**Explanation**

A failover was started from a failed server to a standby server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5750I User {0} stopped failover monitoring for {1}.**

**Explanation**

Failover monitoring was stopped on the selected server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5760I User {0} removed failover monitoring for {1}.**

**Explanation**

Failover monitoring was removed from the selected server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCP5770I User {0} started all failover monitoring.**

**Explanation**

Failover monitoring was started on all valid servers.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMCP5780I User {0} restarted all failover monitoring.**

**Explanation**  
Failover monitoring was restarted on all monitored servers.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMCP5790I User {0} stopped all failover monitoring.**

**Explanation**  
Failover monitoring was stopped on all monitored servers.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMCR0001W The IP address was changed on interface {0}.**

**Explanation**  
One of the appliance's IP addresses was changed.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Regenerate the security certificates.

- **FQXHMCR0002I Job {0} was updated**

**Explanation**  
A component has updated the status of a job

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0003I The web service is now available for general use.**

**Explanation**

All pages and servlets have been registered and are now available for use.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0004I The rest api is now available for general use.**

**Explanation**

All servlets have been registered and are now available for use.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0005I The management server date and time were changed by user {0} at IP address {1}.**

**Explanation**

The date and time have been changed on the management server by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0006I The management server date and time were not successfully changed by user {0} at IP address {1}.**

**Explanation**

The date and time change operation on the management server was not successfully completed. Verify the inputted info and retry the operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC00071 Management server date and time is synchronized to the NTP server.**

**Explanation**

The date and time on the management server is synchronized to the NTP server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC00081 Management server date and time is not synchronized to the NTP server.**

**Explanation**

The date and time on the management server is not synchronized to the NTP server. This might occur if the NTP server synchronization is disabled or if the NTP server is not connected to or is not accessible in the network.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC00111 User {0} at IP address {1} mounted the sshfs mount point - {2}.**

**Explanation**

A sshfs mount point was mounted in the Lenovo XClarity administrator.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0012I User {0} at IP address {1} un-mounted the sshfs mount point - {2}.**

**Explanation**

A sshfs mount point was un-mounted in the Lenovo XClarity administrator.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0013I User {0} at IP address {1} import server {2} host key.**

**Explanation**

An import of sshfs mount server host key into Lenovo XClarity administrator succeeded.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0014I User {0} at IP address {1} failed to mount sshfs mount point {2}.**

**Explanation**

An request to mount a sshfs mount in the Lenovo XClarity administrator failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0015I User {0} at IP address {1} failed to un-mount sshfs mount point {2}.**

**Explanation**

An request to un-mount a sshfs mount in the Lenovo XClarity administrator failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCR0020I User {0} at IP address {1} successfully enabled {2} service in the Lenovo XClarity Administrator.**

**Explanation**

An request to enable a Lenovo XClarity Administrator service succeeded.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCR0021I User {0} at IP address {1} successfully disabled {2} service in the Lenovo XClarity Administrator.**

**Explanation**

An request to disable a Lenovo XClarity Administrator service succeeded.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCR0022I User {0} at IP address {1} failed to enable {2} service in the Lenovo XClarity Administrator.**

**Explanation**

An request to enable a Lenovo XClarity Administrator service failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMCR0023I User {0} at IP address {1} failed to disable {2} service in the Lenovo XClarity Administrator.**

**Explanation**

An request to disable a Lenovo XClarity Administrator service failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0024I The XClarity Administrator properties file contains invalid key values.**

**Explanation**

The XClarity Administrator runtime properties file(s) contains one or more invalid key values. The problem was detected during XClarity Administrator startup.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0030I User {0} successfully enable {1} service watchdog monitoring in the Lenovo XClarity Administrator.**

**Explanation**

The status of the request to enable watchdog monitoring on a Lenovo XClarity Administrator service.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0031I User {0} unsuccessfully enable {1} service watchdog monitoring in the Lenovo XClarity Administrator.**

**Explanation**

The status of the request to enable watchdog monitoring on a Lenovo XClarity Administrator service.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMC0032I User {0} successfully disable {1} service watchdog monitoring in the Lenovo XClarity Administrator.**

**Explanation**

The status of the request to disable watchdog monitoring on a Lenovo XClarity Administrator service.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMCR0033I User {0} unsuccessfully disable {1} service watchdog monitoring in the Lenovo XClarity Administrator.**

**Explanation**  
The status of the request to disable watchdog monitoring on a Lenovo XClarity Administrator service.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMCR0103J Call home service is unavailable for the moment due to a loss of connectivity**

**Explanation**  
Call Home is not in a working state

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Check the appliance's connection to the internet

- **FQXHMCR0104I Call home service connectivity has been restored**

**Explanation**  
Call Home connectivity has been restored

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMDI0001I User {0} unmanaged chassis with UUID {1} (IP: {2}).**

**Explanation**

Chassis has been removed from Management

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0002I User {0} has managed chassis with UUID {1} (IP: {2})**

**Explanation**

Chassis has been put under management

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0003G A CIM subscription failure occurred after user {0} unmanaged chassis with UUID {1} (IP: {2}).**

**Explanation**

Although the chassis is no longer managed, the CIM subscription is still in place. The management server will continue to receive events on this chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the CMM CLI user interface. Then execute the following command: `cimsub -clear all -T mm [p]`. This will clear all CIM subscription to this chassis.

- **FQXHMDI0004G The NTP server on chassis {1} could not be reset after user {0} unmanaged it.**

**Explanation**

The chassis will continue to use the management server NTP, instead of the NTP server specified in the CMM.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Log into the CMM user interface for this chassis, navigate to Mgt Module Management to properties to the menu for Date and Time, and correct the NTP server information

- **FQXHMDI0005G The request by user {0} to unmanage chassis with UUID {1} (IP: {2}) failed.**

**Explanation**

The management server was not able to successfully complete all the steps necessary to unmanage the target device. The target device may be left in a strange state and require manual resetting.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the CMM CLI using the RECOVERY\_ID user account and the password that you defined when the endpoint was first managed. Then, run the following command: `\nread -f unmanage\n`. This command removes centralized management (managed authentication) on the CMM. Inspect and repair other configuration as needed. For more information, see `\nRecovering a chassis that was not unmanaged correctly\n`.

- **FQXHMDI0006G The request by user {0} to manage chassis with UUID {1} (IP {2}) failed to setup failure on the management server.**

**Explanation**

The management server was unable to setup properly for management.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Correct any data that is incorrectly entered when requesting the management. Then retry the request to manage.

- **FQXHMDI0007G The request by user {0} to manage chassis {1} failed due to login lockout on the chassis.**

**Explanation**

The login for the chassis is locked out.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Fix login issue on the chassis and retry management.

- **FQXHMDI0008G The request by user {0} to manage chassis {1} failed due to login failure to the chassis.**

**Explanation**

The management server can not authenticate with credentials given by user.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify login credentials to the chassis and that the system is up. Then retry management of the chassis.

- **FQXHMDI0009G The request by user {0} to manage chassis with UUID {1} (IP {2}) failed due to connection issues.**

**Explanation**

The management server was unable to setup the connections necessary for management.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the network connections on the chassis. Then retry management of the chassis.

- **FQXHMDI0010G The request by user {0} to manage chassis with UUID {1} (IP {2}) resulted in no action, because it is already being managed.**

**Explanation**

The management server is already managing this chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify information for chassis to ensure the data is correctly entered.

- **FQXHMDI0011G The request by user {0} to manage chassis {1} did not complete due to a failure during inventory collection.**

**Explanation**

The management server was unable to retrieve the inventory for this chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0012G The request by user {0} to manage chassis with UUID {1} (IP: {2}) failed because the management server was unable to retrieve the chassis' LDAP certificate.**

**Explanation**

The management server requires the chassis' LDAP certificate in order to authenticate and maintain secure communications to the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0013G The request by user {0} to manage chassis with UUID {1} (IP: {2}) failed because the management server was unable to retrieve the chassis' CIM certificate.**

**Explanation**

The management server requires the chassis' CIM certificate in order to conduct secure communications with the chassis' CIM service. This CIM certificate is a special certificate which is distinct from the LDAP certificate used for most other authentication purposes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0014G The request by user {0} to manage chassis with UUID {1} (IP: {2}) failed because the management server was unable to change the chassis security policy to match that of the server.**

**Explanation**

Managed devices must conform to the security policy of the management server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0015G The request by user {0} to manage chassis with UUID {1} (IP: {2}) failed because it was unable to set up centralized management (managed authentication).**

**Explanation**

The management server has to have centralized management enabled on the chassis to ensure no other source changes the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0016G The request by user {0} to manage chassis with UUID {1} (IP: {2}) failed due to unknown failure.**

**Explanation**

The management server was unable manage the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0017G The request by user {0} to manage chassis with UUID {1} (IP: {2}) failed due to being unable to set the authentication mode of the server.**

**Explanation**

The management server needs to configure the target device to authenticate using an external LDAP server, where that LDAP server is normally the management server itself.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0018I User {0} started management of chassis with UUID {1} (IP: {2}) with managed authentication enabled and manually entered credentials.**

**Explanation**

The management of the chassis has been requested by user

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0019I User {0} started unmanagement of chassis with UUID {1} (IP: {2}).**

**Explanation**

The unmanagement of the chassis has been requested by user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0020I The LDAP configuration data for chassis {1} failed to clean up after user {0} unmanaged it.**

**Explanation**

The LDAP data failed to be cleaned up when removing chassis manager from inventory. The server might reattempt management of this chassis upon restart.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0021G The request by user {0} to manage chassis {1} failed when setting up group permissions on the chassis.**

**Explanation**

The management server needs to exchange group permission with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0021I User {0} requested forced management of the chassis with UUID {1} (IP: {2}), which is already managed by Lenovo XClarity Administrator. The chassis will be unmanaged with force and then managed again.**

**Explanation**

The chassis is already managed by Lenovo XClarity Administrator. The chassis will be unmanaged with force and then managed again.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0022G The request by user {0} to manage chassis with UUID {1} (IP: {2}) failed when performing additional manage configuration information.**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0023G Initial inventory collection by user {0} of chassis with UUID {1} (IP: {2}) did not complete successfully.**

**Explanation**

An error or timeout occurred when collecting inventory during the initial management steps of the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. The management server will automatically attempt to collect inventory periodically.

- **FQXHMDI0024G Enabling local user accounts on endpoint {1} by user {0} failed.**

**Explanation**

The local user accounts on the endpoint could not be enabled due to an unknown failure from the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log in to the endpoint using the RECOVERY\_ID user account, and recreate the local user accounts.

- **FQXHMDI0024I Children of chassis {0} unmanaged endpoint with UUID {1} (IP: {3}) during chassis unmanage task.**

**Explanation**

The chassis unmanage task also unmanaged the included list of affected systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0025I SLP-broadcast discovery worker updated the list of unmanaged endpoints.**

**Explanation**

The SLP-broadcast discovery worker completed execution and updated the list of unmanaged endpoints.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0026G The request to update the password by user {0} on device with UUID {1} (IP: {2}) was not successful because of connection issues.**

**Explanation**

The password for this chassis could not be updated because there were connectivity issues during the update operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the Chassis page, verify that there is connectivity between the management server and the chassis. Then attempt to update the password on the chassis again.

- **FQXHMDI0026I A failure occurred when updating the password for user {0} on endpoint with UUID {1} (IP: {2}).**

**Explanation**

The attempt to manage the endpoint was canceled because the expired password for the specified user could not be updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0027G User {0} cannot manage chassis with UUID {1} (IP: {2}) because of connection issues.**

**Explanation**

The management server cannot manage the chassis because there were connectivity issues during the manage operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the Chassis page, verify that there is connectivity between the management server and the chassis. Then attempt to manage the chassis again.

- **FQXHMDI0027I User {0} started management of chassis with UUID {1} (IP: {2}) and managed authentication enabled and stored credentials {3}.**

**Explanation**

The management of the chassis has been requested by user



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMDI0028G The attempt by user {0} to manage chassis with UUID {1} (IP: {2}) was not successful.**

**Explanation**  
The management server is configured for NIST compliance, but the chassis is not configured for NIST compliance.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Modify the chassis security policy to be NIST compliant.

- **FQXHMDI0028I User {0} started management of chassis with UUID {1} (IP: {2}) with managed authentication disabled and stored credentials {3}.**

**Explanation**  
The management of the chassis has been requested by user

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMDI0029G The request by user {0} to force the management of server {1} did not complete.**

**Explanation**  
A login failure prevented the management server from managing the server using the force option.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Verify the user credentials for the rack server and try again

- **FQXHMDI0030G The request by user {0} to force the management of the chassis {1} did not complete.**

**Explanation**

A login failure prevented the management server from managing the chassis through the force option.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the user credentials for the CMM and try again

- **FQXHMDI0031G Configuring CIM subscriptions to some nodes of the chassis failed after user {0} managed the chassis with UUID {1} (IP: {2}).**

**Explanation**

The management server requires nodes' CIM certificates in order to conduct secure communications with the nodes' CIM services. The CIM certificate is special certificates which is distinct from the LDAP certificate used for most other authentication purposes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0032G Removing CIM subscriptions from some nodes of the chassis failed after user {0} unmanaged the chassis with UUID {1} (IP: {2}).**

**Explanation**

This will cause the management server to continue to receive events on these nodes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues. Log into the IMM user interface for this server, view the current users, and terminate the CIM user to this system.

- **FQXHMDI0033G The property {0} contains the unsupported character {1} . The following characters are not supported {2}.**

**Explanation**

The rack property contains an unsupported character. The endpoint will not be added to a rack.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log in to the endpoint and change the property to use only supported characters.

- **FQXHMDI0033I User {0} unmanaged switch {1}.**

**Explanation**

Switch has been removed from Management

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0034G The property {0} length exceeds the max supported limit of {1} characters.**

**Explanation**

The rack property exceeds the maximum allowed length. The endpoint will not be added to a rack.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log in to the endpoint, and set the property length to be within the limit.

- **FQXHMDI0034I User {0} has managed switch {1}.**

**Explanation**

Switch has been put under management

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0035I User {0} started unmanagement of switch {1}.**

**Explanation**

The unmanagement of the switch has been requested by user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0035J The IP address {0} of the device is a duplicate of another device IP address.**

**Explanation**

The device has an IP address which is assigned to another managed device.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the devices that have the same IP address and change them to be unique.

- **FQXHMDI0036I User {0} started management of switch {1}.**

**Explanation**

The management of the switch has been requested by user

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0036J The IP address {0} of the device is a duplicate of the management server IP address.**

**Explanation**

The device has an IP address which is also assigned to the management server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the device that has the same IP address as the management server, and change it to be unique.

- **FQXHMDI0037I The duplicate IP address issue for IP address {0} has been resolved.**

**Explanation**

There had been 2 devices configured with the same IP address. This condition is no longer occurring.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0037J The request by user {0} to manage switch {1} failed because the management server was unable to retrieve the switch certificate.**

**Explanation**

The management server requires the switch valid certificate in order to conduct secure communications with the device. This certificate is a special certificate which is distinct from the LDAP certificate used for most other authentication purposes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check if the switch has a valid, unexpired certificate. Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0038I The duplicate IP address issue for IP address {0} has been resolved.**

**Explanation**

A device had been configured with the same IP address as the management server. This condition is no longer occurring.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0039J The management server detected an IP conflict between the managed device and local network host. The IP address is {0} and the local network host MAC address is {1}.**

**Explanation**

A managed device has the same IP address as a host that is located in the local management server network(s). The alert is generated because the managed device and the host have different MAC addresses.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the host with the mentioned MAC address located in the management server networks has the mentioned IP address and change one of managed device or network host IP address in order to avoid conflicts.

- **FQXHMDI0040G Updating the host configuration on chassis with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0040I The management server detects no more conflicts in regard to the managed device and the network host IP address {0}.**

**Explanation**

The management server detected a conflict between a managed device and a local network host IP address, but the problem is no longer present.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0041G Updating the domain name on chassis with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0041I The request to set Single Sign On feature failed on server {0}.**

**Explanation**

An internal error occurred while attempting to set Single Sign On feature on server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0042G Updating the host name on chassis with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0043G Updating the display name on chassis with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0044G Updating the IP interfaces on chassis with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0045G Updating the rack information on chassis with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0046G Updating the Lowest Rack Unit information on chassis with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the chassis.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the chassis.

- **FQXHMDI0047G Updating the display name on chassis with UUID {0} has succeeded with truncation.**

**Explanation**

The length of the display name exceeds the maximum allowed by the CMM.

**Severity**

Warning

**Serviceable with log**



No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0048J The health of SSD {0} in bay {1} of the RAID configuration {2} has diminished to a warning state.**

**Explanation**

The remaining life of the SSD has diminished to a warning state.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the SSD with a new one.

- **FQXHMDI0049K The health of SSD {0} in bay {1} of the RAID configuration {2} has diminished to a critical state.**

**Explanation**

The remaining life of the SSD has diminished to a critical state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the SSD with a new one.

- **FQXHMDI0050I The health of the SSD {0} in bay {1} of the RAID configuration {2} is back to normal.**

**Explanation**

The remaining life of the SDD is above the warning threshold.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0060I Server {0} was changed from the untrusted to trusted state.**

**Explanation**

The server connection changed from untrusted to trusted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0061J Server {0} was changed from the trusted to untrusted state because of {1}.**

**Explanation**

The server connection changed from trusted to untrusted due to an SSL certificate issue.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the management-server trust store contains the latest certificate for the managed device.\n [object Object],[object Object]

- **FQXHMDI0070J The link status is down for PCI device {1} on server {0}.**

**Explanation**

The link status is down for an adapter on this server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0101I User {0} unmanaged server with UUID {1} (IP: {2}).**

**Explanation**

Server has been removed from Management

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0102I User {0} has managed server with UUID {1} (IP: {2})**

**Explanation**

Server has been put under management

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMDI0103G A CIM subscription failure occurred after user {0} unmanaged server {2}.**

**Explanation**  
This will cause the management server to continue to receive events on this server.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Log into the IMM user interface for this server, view the current users, and terminate the CIM user to this system

- **FQXHMDI0104G The NTP server on server {1} failed to clean up after user {0} unmanaged it.**

**Explanation**  
If the user does not cleanup the NTP server, the server will continue to use the management server's NTP server and not its own.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Log into the IMM user interface for this server and correct the NTP server information

- **FQXHMDI0106G The request by user {0} to manage server {1} failed because internal data related to this device could not be updated.**

**Explanation**  
An internal error occurred while attempting to create or maintain internal data structures.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support.

- **FQXHMDI0107G The request by user {0} to manage server {1} failed due to login lockout on the server.**

**Explanation**

The login for the server is locked out.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Fix login issue on the server and retry management.

- **FQXHMDI0108G The request by user {0} to manage server {1} failed during the login process to the server.**

**Explanation**

The management server can not authenticate with the endpoint using the credentials given by user.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- Verify login credentials to the endpoint exist and are correct\n\n- Ensure that the endpoint management processor has up to date firmware, is up and operates optimally\n\n- Reset the endpoint management processor\n\n- Retry the management of the endpoint

- **FQXHMDI0109G The request by user {0} to manage server {1} failed due to connection issues.**

**Explanation**

The management server was unable to setup the connections necessary for management.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the network connections on the server. Then retry management of the server.

- **FQXHMDI0110G The request by user {0} to manage server {1} resulted in no action, because it is already being managed.**

**Explanation**

The management server is already managing this server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify information for server to ensure the data is correctly entered.

- **FQXHMDI0111G The request by user {0} to manage server {1} did not complete due to a failure during inventory collection.**

**Explanation**

The management server was unable to retrieve the inventory for this server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure that a connection can be made. Then retry management of the server.

- **FQXHMDI0112G The request by user {0} to manage rack server {1} failed because the management server was unable to retrieve the rack server's LDAP certificate.**

**Explanation**

The management server requires the rack server's LDAP certificate to authenticate and maintain secure communications to the rack server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0113G The request by user {0} to manage rack server {1} failed because the management server was unable to retrieve the rack server's CIM certificate.**

**Explanation**

The management server requires the rack server's CIM certificate in order to conduct secure communications with the rack server's CIM service. This CIM certificate is a special certificate which is distinct from the LDAP certificate used for most other authentication purposes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0114G During the management process for rack server {0}, the management server was unable to create the new user account RECOVERY\_ID or disable local accounts on the server.**

**Explanation**

The management server was unable to create the new user account RECOVERY\_ID that is used for the recovery of the target device or was unable to disable the existing local accounts in the target device to prevent un-authorized management accesses to the target device.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Reboot the target device management processor. Check logs on the target device for possible other issues.

- **FQXHMDI0115G The request by user {0} to manage rack server {1} failed because the management server was unable to update connections to use the temporary management userid created by the management server.**

**Explanation**

The management server creates a special temporary userid used for communications to managed target devices. Once target devices have been configured to authenticate using the management server as their external LDAP server, connections are updated to use this temporary userid.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0116G The request by user {0} to manage rack server {1} failed for unknown reasons.**

**Explanation**

The attempt to manage the target device failed in an unexpected fashion.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is usually a sign of an internal problem, so normally there is no recommended user action; however, it may be indicative of a subtle mismatch between the firmware of the target device and that of the management server. Verify the firmware levels are compatible. Retry managing the target device.

- **FQXHMDI0117G The request by user {0} to manage rack server {1} failed due to being unable to set the authentication mode of the server.**

**Explanation**

The management server needs to configure the target device to authenticate using an external LDAP server, where that LDAP server is normally the management server itself.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the firmware of the target device is compatible with that of the management server. Verify that the target device is not already being managed by a different management server. Verify that the network connection to the target device is reliable. Check logs on the target device for possible other issues.

- **FQXHMDI0118I User {0} started management of server with UUID {1} (IP: {2}) and managed authentication enabled.**

**Explanation**

The management of the server has been requested by user

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0119I User {0} started unmanagement of server with UUID {1} (IP: {2})**

**Explanation**

The unmanagement of the server has been requested by user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0120G The request by user {0} to unmanage server {1} failed because internal data related to the device could not be properly updated.**

**Explanation**

An internal error occurred while attempting to update internal data structures.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support. For more information, see \nRecovering a server that was not unmanaged correctly\n.

- **FQXHMDI0121I User {0} requested forced management of the server with UUID {1} (IP: {2}), which is already managed by Lenovo XClarity Administrator. The server will be unmanaged with force and then managed again.**

**Explanation**

The server is already managed by Lenovo XClarity Administrator. The server will be unmanaged with force and then managed again.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0122G The request by user {0} to manage server {1} failed when performing additional manage configuration information.**

**Explanation**

The management server needs to exchange additional host configuration information with the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Then retry management of the server.

- **FQXHMDI0123G Initial inventory collection by user {0} of server {1} did not complete successfully.**

**Explanation**

An error or timeout occurred when collecting inventory during the initial management steps of the server.

**Severity**



Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure that a connection can be made. The management server automatically attempts to collect inventory periodically.

- **FQXHMDI0124G The request by user {0} to manage server {1} resulted in no action, because it is already being managed by a management server - {2}.**

**Explanation**

This server (endpoint) is already managed by another management server. The endpoint can be managed by only one management server at a time.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

To manage the endpoint from this management server, you must first go to the management server that is currently managing the endpoint and unmanage it. If the management server that is currently managing this endpoint is not available, you must clear the Common Information Model (CIM) subscription in the endpoint.  
1) For Chassis, go to \nRecovering chassis management with a CMM after a management node failure\n.  
2) For rack servers, go to \nRecovering rack or tower server management after a management node failure\n.  
3) For RackSwitch switches, go to \nRecovering management with a RackSwitch switch after a management server failure\n.  
4) For Lenovo Storage systems, go to \nRecovering management with a Lenovo Storage system after a management server failure\n or \nRecovering management of a Lenovo ThinkSystem DE Series storage device after a management server failure\n.

- **FQXHMDI0125G The request by user {0} to manage rack server {1} failed because CIM over HTTPS is not enabled on the server.**

**Explanation**

The management server was not able to setup the connections necessary for management because CIM over HTTPS is not enabled on rack server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Enable CIM over HTTPS on the rack server, and retry management.

- **FQXHMDI0126G The request by user {0} to manage server {1} resulted in no action, because node bay is already occupied by server - {2}.**

**Explanation**

The management server is already managing another server on a same node bay.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Unmanage the existing server in the node bay using the Force option, and then attempt to manage the new server again.

- **FQXHMDI0127I The request by user {0} to manage device {1} resulted in no action, because IP address {2} is already used by the device with UUID {3}.**

**Explanation**

The management server was unable manage a new device because one or more IP addresses used by that device are the same as the IP addresses that are used by a previously managed device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0128J Address change for the device with UUID {0} was ignored because the IP address {1} is already used by the device with UUID {2}.**

**Explanation**

The management server received an event for a device from an IP address that is different than the address that is currently being used to manage the device. However, the IP address is the same as another device that the management server is currently managing.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The management server cannot manage two devices using the same IP address. Verify that the two devices in the event message are not assigned to the same IP address. If necessary, fix the device IP assignment using the device user interface. Determine which UUID is using the IP address, and manage the other device again using the force-management option.

- **FQXHMDI0129G During the management process for rack server {0}, the management server was unable to create the new user account RECOVERY\_ID because the minimum password length that is required by the rack server was not met.**

**Explanation**

The management server was unable to create the new user account RECOVERY\_ID that is used for the recovery of the target device because the password length did not meet the minimum length requirement that is set in Global Settings of baseboard management controller.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log in to the rack server and check the Global Settings for Password Length.

- **FQXHMDI0130I User {0} started management of server with UUID {1} (IP: {2}) and managed authentication enabled and stored credentials {3}.**

**Explanation**

The management of the server has been requested by user

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0131I User {0} started management of server with UUID {1} (IP: {2}) with managed authentication disabled and stored credentials {3}.**

**Explanation**

The management of the server has been requested by user

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0133I The request by user {0} to manage device {1} (with IP address {2}) resulted in no action, because the device is already managed by this management server.**

**Explanation**

The request to manage a device failed because the device is already managed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0140G Updating the host configuration on server with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0141G Updating the domain name on server with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0142G Updating the host name on server with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0143G Updating the display name on server with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0144G Updating the IP interfaces on server with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0145G Updating the rack information on server with UUID {0} has failed**

**Explanation**

The management server needs to exchange additional host configuration information with the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure connection can be made. Verify that the settings provided in the comma separated value file is valid. Then retry management of the server.

- **FQXHMDI0147G Updating the display name on server with UUID {0} has succeeded with truncation.**

**Explanation**

The length of the display name exceeds the maximum allowed by the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0201G Cannot connect to the switch thru SSH.**

**Explanation**

Unable to manage the switch because SSH is disabled.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Enable SSH on the switch, and attempt to manage the switch again.

- **FQXHMDI0202G The management server cannot authenticate with switch {0} using the specified "enable" password.**

**Explanation**

The switch cannot be managed due to an authentication failure.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the password to enter Privileged Exec Mode on the switch is correct.

- **FQXHMDI0301I User {0} unmanaged storage {1}.**

**Explanation**

Storage has been removed from Management

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0302I User {0} has managed storage {1}.**

**Explanation**

storage has been put under management

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0306G The request by user {0} to manage storage {1} failed because internal data related to this device could not be updated.**

**Explanation**

An internal error occurred while attempting to create or maintain internal data structures.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support.

- **FQXHMDI0307G The request by user {0} to manage storage {1} failed due to connection issues.**

**Explanation**

The management server was unable to setup the connections necessary for management.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the network connections on the endpoint. Then retry management of the storage.

- **FQXHMDI0308G The request by user {0} to manage storage {1} failed during the login process to the storage.**

**Explanation**

The management server can not authenticate with the endpoint using the credentials given by user.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- Verify login credentials to the endpoint\n\n- Ensure that the endpoint management processor has up to date firmware, is up and operates optimally\n\n- Reset the endpoint management processor\n\n- Retry the management of the endpoint

- **FQXHMDI0309G The request by user {0} to unmanage storage {1} failed due to connection issues.**

**Explanation**

The management server was unable to setup the connections necessary for management.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the network connections on the endpoint. Then retry unmanagement of the storage.

- **FQXHMDI0310G The request by user {0} to manage storage {1} resulted in no action, because it is already being managed.**

**Explanation**

The management server is already managing this storage.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify information for storage to ensure the data is correctly entered.

- **FQXHMDI0316G The request by user {0} to manage storage {1} failed for unknown reasons.**

**Explanation**

The attempt to manage the target device failed in an unexpected fashion.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is usually a sign of an internal problem, so normally there is no recommended user action; however, it may be indicative of a subtle mismatch between the firmware of the target device and that of the management server. Verify the firmware levels are compatible. Retry managing the target device.

- **FQXHMDI0319I User {0} started unmanagement of storage {1}.**

**Explanation**

The unmanagement of the storage has been requested by user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0320G The request by user {0} to unmanage storage {1} failed because internal data related to the device could not be properly updated.**

**Explanation**

An internal error occurred while attempting to update internal data structures.

**Severity**

Warning



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restart the virtual appliance and attempt the operation again. If the problem persists, contact Support.

- **FQXHMDI0323G Initial inventory collection by user {0} of storage {1} did not complete successfully.**

**Explanation**

An error or timeout occurred when collecting inventory during the initial management steps of the storage.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify communication to the endpoint to ensure that a connection can be made. The management server automatically attempts to collect inventory periodically.

- **FQXHMDI0501I User {0} at IP address {1} enabled data collection service.**

**Explanation**

This service will send periodically usage data about XClarity to Lenovo.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0502I User {0} at IP address {1} disabled data collection service.**

**Explanation**

This service will no longer send usage data about XClarity to Lenovo.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDI0600I Job {0} has been updated.**

**Explanation**

A job status has been updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0001I Inventory has changed {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0002I Cabinet related has changed {0}.**

**Explanation**

Cabinet related changes were detected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0003I Connectivity to {0} {1} has been lost. UUID is {2}.**

**Explanation**

The Management Server is unable to communicate with the endpoint.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0004I Connectivity to endpoint {0} has been restored. Endpoint is {1}.**

**Explanation**

The Management Server is able to communicate with the endpoint.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0005I The management NTP server or time zone information or both failed to push to device with UUID {0} (IP: {1})**

**Explanation**

During the management process of the device, the management NTP server or time zone information or both failed to transfer to the device. The time on the device is not synchronized with the management server. The management process will not failed due to this issue.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0006I The NTP settings could not be pushed to device with UUID {0} (IP: {1}) because the firmware is not compatible.**

**Explanation**

During the management process of the device, the NTP settings failed to transfer to the device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0020I User {0} from remote address {1} created resource group {2}.**

**Explanation**

User created resource group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0021I User {0} from remote address {1} successfully edit resource group {2}.**

**Explanation**

User updated resource group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0022I User {0} from remote address {1} removed resource group {2}.**

**Explanation**

User removed resource group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0125I User {0} requested a power action {1} - on device {2}. {3}.**

**Explanation**

A power action has been issued to this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0126I User {0} set boot order - {1} - on device {2}. {3}.**

**Explanation**

A boot order operation has been issued to this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0127I User {0} requested a cryptography/NIST action {1} on device {2}. {3}.**

**Explanation**

A cryptography/NIST request has been issued to this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0128I User {0} requested a power capping action {1} on device {2}. {3}.**

**Explanation**

A power capping action has been issued to this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0129I User {0} performed an inventory property change action on device {1}. {2}.**

**Explanation**

An inventory property change action has been issued to this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0130I User {0} requested a CMM failover operation on device {1}.**

**Explanation**

A CMM failover operation has been issued to this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0131I A power action started by user {0} was sent successfully to device {1}. {2}.**

**Explanation**

A power action was sent successfully to this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0132I A boot order operation started by user {0} completed successfully on device {1}. {2}.**

**Explanation**

A boot order operation completed successfully on this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0133I A cryptography/NIST action initiated by user {0} completed successfully on device {1}. {2}.**

**Explanation**

A cryptography/NIST action completed successfully on this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0134I A power capping action initiated by user {0} completed successfully on device {1}. {2}.**

**Explanation**

A power capping action completed successfully on this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0135I An inventory property change action started by user {0} completed successfully on device {1}. {2}.**

**Explanation**

An inventory property change action completed successfully on this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0136I A CMM failover operation started by user {0} completed successfully on device {1}..**

**Explanation**

A CMM failover operation completed successfully on this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0137I An LED operation that was started by user {0} completed successfully on device {1}..**

**Explanation**

An LED operation completed successfully on this target.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0138G User {0} cannot perform a power operation on endpoint {1} because of connection issues.**

**Explanation**

The power operation could not be performed on the endpoint because there were connectivity issues during the power operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform the power operation again.

- **FQXHMDM0139G User {0} cannot modify the boot order on endpoint {1} because of connection issues.**

**Explanation**

The boot order on the endpoint cannot be modified because there were connectivity issues during the boot order modification operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to modify the boot order again.

- **FQXHMDM0140G A cryptography/NIST operation started by user {0} on device {1} was not successful because of connection issues.**

**Explanation**

The cryptography/NIST operation could not complete because there were connectivity issues during the operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform the cryptography/NIST operation again.

- **FQXHMDM0141G User {0} cannot perform power capping on endpoint {1} because of connection issues.**

**Explanation**

The power capping of the endpoint could not complete because there were connectivity issues during the operation.

**Severity**

Warning

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform power capping again.

- **FQXHMDM0142G User {0} cannot modify an inventory property on endpoint {1} because of connection issues.**

**Explanation**

The inventory property on the endpoint cannot be changed because there were connectivity issues during the operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to change the inventory property again.

- **FQXHMDM0143G User {0} cannot initiate a CMM failover on endpoint {1} because of connection issues.**

**Explanation**

The CMM failover could not occur because there were connectivity issues during the operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to perform the failover again.

- **FQXHMDM0144G The led setting operation action started by user User {0} cannot set the LED on endpoint {1} because of connection issues.**

**Explanation**

The LED cannot be set on the endpoint because there were connectivity issues during the operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that there is connectivity between the management server and the endpoint. Then attempt to set the LED again.

- **FQXHMDM0145G The operation requested by user {0} could not complete because access to endpoint with UUID {1} (IP: {2}) was denied.**

**Explanation**

The requested operation could not complete because access to the endpoint was denied.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server Dashboard, verify access from the management server to the endpoint. Then attempt to perform the operation again.

- **FQXHMDM0146G The operation requested by user {0} could not complete because access to endpoint {1} was denied due to insufficient privileges.**

**Explanation**

The requested operation could not complete because the user ID used to access to the endpoint does not have sufficient privileges.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the Security Role Groups page, make sure that the user ID used to access the endpoint has sufficient privileges to perform the operation. Then attempt to perform the operation again.

- **FQXHMDM0147G The operation requested by user {0} could not complete on endpoint {1} because the operation is not supported.**

**Explanation**

The operation could not be performed because it is not supported for the specified endpoint.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0148G The operation requested by user {0} could not complete on endpoint {1} because the endpoint is not available.**

**Explanation**

The operation cannot be performed because the specified endpoint is not available.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server dashboard, verify that the endpoint is available that that there is connectivity between the management server and the endpoint. Then attempt to perform the operation again.

- **FQXHMDM0149G The operation requested by user {0} could not complete on endpoint with UUID {1} (IP: {2}) because authentication failed.**

**Explanation**

The operation cannot be performed because there was an authentication failure with user ID used to access the endpoint.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the User Management page, verify that the user has sufficient permissions to access the endpoint. Then attempt to perform the operation again.

- **FQXHMDM0150G The operation requested by user {0} could not complete on endpoint with UUID {1} (IP: {2}) because authorization credentials are expired.**

**Explanation**

The operation cannot be performed because the authorization credentials have expired.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the User Management page, update the password for the user ID. Then attempt to perform the operation again.

- **FQXHMDM0151G The operation requested by user {0} timed out on device with UUID {1} (IP: {2}).**

**Explanation**

The requested operation timed out.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Wait a few minutes and attempt to perform the operation again.

- **FQXHMDM0152G The operation requested by user {0} was interrupted on device {1}.**

**Explanation**

The requested operation could not complete because it was interrupted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

From the management server Dashboard, verify access from the management server to the endpoint.  
Wait a few minutes and attempt to perform the operation again.

- **FQXHMDM0153G The operation requested by user {0} was interrupted on device with UUID {1} (IP: {2}).**

**Explanation**

The requested operation could not complete because it was interrupted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update to the firmware to the latest level, and attempt to manage the device again.

- **FQXHMDM0154I The SSH console session was started by user {0} on switch {1}.**

**Explanation**

The SSH console session was started on a switch.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0155G Access was denied for the stored credentials with username {0} on the endpoint with UUID {1}.**

**Explanation**

The connection to the endpoint failed because access to the endpoint was denied.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the stored credentials to match a valid user account on the endpoint.

- **FQXHMDM0156I The stored credentials for {0} were changed by {1} at {2}.**

**Explanation**

A request to resolve stored credentials for the endpoint was made.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0157I The configuration data was updated successfully.**

**Explanation**

The UEFI definitions change has been made on a device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0158I The role groups allowed to access {0} were changed by {1} at {2}.**

**Explanation**

A request was made to change role groups allowed to access the endpoint.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0159I The "public access" property for {0} was changed by {1} at {2}.**

**Explanation**

A request was made to change the property for whether all role groups have access to this endpoint.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0160I The managed authentication enabled/disabled setting was changed for {0} by {1} at {2}.**

**Explanation**

A request was made to change whether managed authentication is enabled or disabled for this endpoint.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0161I The security descriptor was changed for {0} by {1} at {2}.**

**Explanation**

A request was made to the security descriptor.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0162I The configuration definitions was updated successfully.**

**Explanation**

The configuration definitions was updated successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0163I The connection between the management server and the management controller {0} is offline. Reason : {1}.**

**Explanation**

The management server was unable to establish a connection to the management controller

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0163J The connection between the management server and the management controller {0} is offline.**

**Explanation**

The management server was unable to establish a connection to the management controller

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the management controller is running the latest available firmware and that all required network services are enabled. If the problem persists, reset the management controller, and contact Support.

- **FQXHMDM0164I The connection between the management server and the management controller {0} was restored.**

**Explanation**

The management server was able establish a connection to the management controller again

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0165G The device health state changed from normal to warning.**

**Explanation**

The management server detected that the health state of the device changed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the current active alerts on the device.

- **FQXHMDM0165I The device health state changed from {0} to {1}.**

**Explanation**

The management server detected that the health state of the device changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0166K The device health state changed from normal to critical.**

**Explanation**

The management server detected that the health state of the device changed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the current active alerts on the device.

- **FQXHMDM0167K The device health state changed from warning to critical.**

**Explanation**

The management server detected that the health state of the device changed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the current active alerts on the device.

- **FQXHMDM0168G The device health state changed from critical to warning.**

**Explanation**

The management server detected that the health state of the device changed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the current active alerts on the device.

- **FQXHMDM0169I The device health state changed from critical to normal.**



**Explanation**

The management server detected that the health state of the device changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0170I The device health state changed from warning to normal.**

**Explanation**

The management server detected that the health state of the device changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDM0171J The request by user {0} to manage storage device {1} failed because the management server was unable to retrieve the storage certificate.**

**Explanation**

The management server requires a valid storage certificate to conduct secure communications with the device. This certificate is a special certificate that is distinct from the LDAP certificate used for most other authentication purposes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the storage device has a valid, unexpired certificate, regenerate the certificate from the device user interface. If the storage certificate is signed by an external certificate authority, ensure that the certificate authority certificate and any intermediate certificates are imported into the XClarity Administrator trust store. Check logs on the target device for possible other issues.

- **FQXHMDM0180I The Core Inventory Service initialization completed successfully.**

**Explanation**

The Core Inventory Service initialization completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0101I The Audit log has wrapped, because it has reached the maximum size limit of {0}.**

**Explanation**

A new entry in the Audit log caused the oldest entry to be removed to keep the log within the size limit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0102I The Audit log has reached 80% of the maximum size ({0} events).**

**Explanation**

Once the Audit log reaches 100%, new entries will still be added, but the oldest entries will start being deleted to keep the log within the size limit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0103I The Audit log has been cleared successfully by user {0} at IP address {1}.**

**Explanation**

The Audit log now has no entries.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0104I The Audit log maximum size has been changed from {0} to {1} by user {2} at IP address {3}.**

**Explanation**

The Audit log now has a new maximum size.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0105J The request from user {0}, at IP address {1}, to change the maximum size of the Audit log from {2} to {3} was not successful.**

**Explanation**

The Audit log maximum size will remain the same.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation. Also, verify that a valid size was specified.

- **FQXHMEM0106J The management server detected missing events from {0}.**

**Explanation**

The management server was unable to retrieve missing events from the endpoint. The management server will continue accepting new events, but won't recover the missing ones.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No user action required. The alert status of the endpoint should be correct.

- **FQXHMEM0201I The event log has wrapped, because it has reached the maximum size limit of {0}.**

**Explanation**

A new entry in the event log caused the oldest entry to be removed, to stay within the size limit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0202I The event log has reached 80% of the maximum size ({0} events).**

**Explanation**

Once the event log reaches 100%, new entries will still be added, but the oldest entries will start to be deleted, in order to stay within the size limit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0203I The event log has been cleared by user {0} at IP address {1}.**

**Explanation**

The event log now has no entries.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0204I The event log maximum size has been changed from {0} to {1} by user {2} at IP address {3}.**

**Explanation**

The event log now has a new maximum size.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0205I The events with type {0} from the event log have been cleared by user {1} at IP address {2}.**

**Explanation**

Events of the specified type were removed from the event log.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0206J The request from user {0}, at IP address {1}, to change the maximum size of the event log from {2} to {3} was not successful.**

**Explanation**

The maximum size of the event log will remain the same.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation. Also, verify that a valid size was specified.

- **FQXHMEM0207J The request from user {0}, at IP address {1}, to clear the events with type {2} from the event log was not successful.**

**Explanation**

The requested events have not been cleared.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation. Also, verify that a valid size was specified.

- **FQXHMEM0208I An {0} exclusion filter with id {1} has been created by user {2} at IP address {3}.**

**Explanation**

A new exclusion filter has been created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0209I The {0} exclusion filter with id {1} has been modified by user {2} at IP address {3}.**

**Explanation**

The exclusion filter has been modified.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0210I The {0} exclusion filter with id {1} has been deleted by user {2} at IP address {3}.**

**Explanation**

The exclusion filter has been deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0211I Monitor {0} has been created by user {1} at IP address {2}.**

**Explanation**

A new monitor has been created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0212I Monitor {0} has been modified by user {1} at IP address {2}.**

**Explanation**

The monitor has been modified.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0213I Monitor {0} has been deleted by user {1} at IP address {2}.**

**Explanation**

The monitor has been deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0214I Test event for monitor {0}.**

**Explanation**

Test event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0316I User {0} at IP Address {1} has successfully created a new predefined event filter called {2}.**

**Explanation**

A user has created a new predefined event filter.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0317I User {0} at IP Address {1} has successfully edit predefined event filter called {2}.**

**Explanation**

A user has edit a new predefined event filter.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0318I User {0} at IP Address {1} has successfully deleted the predefined event filter called {2}.**

**Explanation**

A user has deleted a new predefined event filter.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0319I User {0} at IP Address {1} has modified the configuration of pusher called {2}.**

**Explanation**

A user has modified the configuration of a pusher.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0320I User {0} at IP Address {1} reset pusher called {2} to the default configuration.**

**Explanation**

A user has reset to defaults the configuration of a pusher.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0321I User {0} has made a new subscription on pusher {1}.**

**Explanation**

A user has subscribed to a pusher.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0322I User {0} has deleted a subscription on pusher {1}.**

**Explanation**

A user has deleted a subscription to a pusher.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0401I Event forwarding monitor {0} failed to send notification to destination with error message: {1}.**

**Explanation**

A forwarding monitor failed to send the event notification to the destination.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0402I Test event for the IOS push service.**

**Explanation**

Test event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0403I Test event for the Android push service.**

**Explanation**

Test event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0404I Test event for the WebSocket push service.**

**Explanation**

Test event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0405I Test event for the {0} IOS subscriber.**

**Explanation**

Test event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0406I Test event for the {0} Android subscriber.**

**Explanation**

Test event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0407I Test event for the {0} Websocket subscriber.**

**Explanation**

Test event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0408I An informational alert was asserted on device {0} with alert ID {1}.**

**Explanation**

An informational alert was asserted on the specified device.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMEM0409J A warning alert was asserted on device {0} with alert ID {1}.**

**Explanation**  
A warning alert was asserted on the specified device.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMEM0410J A critical alert was asserted on device {0} with alert ID {1}.**

**Explanation**  
A critical alert was asserted on the specified device.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMEM0411I An informational alert was deasserted on device {0} with alert ID {1}.**

**Explanation**  
An informational alert was deasserted on the specified device.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMEM0412I A warning alert was deasserted on device {0} with alert ID {1}.**

**Explanation**  
A warning alert was deasserted on the specified device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0413I A critical alert was deasserted on device {0} with alert ID {1}.**

**Explanation**

A critical alert was deasserted on the specified device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0414I An unknown Informational event was generated on {0}. For more information, see the device documentation.**

**Explanation**

An unknown Informational event was generated on the specified device. For more information, see the device documentation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0415I An unknown Warning event was generated on {0}. For more information, see the device documentation.**

**Explanation**

An unknown Warning event was generated on the specified device. For more information, see the device documentation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMEM0416I An unknown Critical event was generated on {0}. For more information, see the device documentation.**

**Explanation**

An unknown Critical event was generated on the specified device. For more information, see the device documentation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0001I Job {0} with id {1} was created.**

**Explanation**

A new job was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0002I Job {0} was updated.**

**Explanation**

A job was updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0003I Job {0} with id {1} was deleted.**

**Explanation**

A job was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0004I User {0} at IP address {1} created job schedule {2}.**

**Explanation**

A job was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0005J User {0} at IP address {1} tried to create job schedule {2} but the operation was unsuccessful.**

**Explanation**

User tried to create a job schedule but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the configuration set for the job schedule is correct. The name of the schedule must be unique.

- **FQXHMJM0006I User {0} at IP address {1} updated job schedule {2}.**

**Explanation**

User changed the configuration of a job schedule.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0007J User {0} at IP address {1} tried to update job schedule {2} but the operation was unsuccessful.**

**Explanation**

User tried to update a job schedule but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the configuration set for the job schedule is correct. The name of the schedule must be unique.

- **FQXHMJM0008I User {0} at IP address {1} set the state to {2} for job schedule {3}.**

**Explanation**

User changed the state of a job schedule.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0009J User {0} at IP address {1} tried to change job schedule {2} state to {3}, but the operation was unsuccessful.**

**Explanation**

User tried to update the job schedule state but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the configuration set for the job schedule is correct.

- **FQXHMJM0010I User {0} at IP address {1} called Run Now procedure for job schedule {2}.**

**Explanation**

User called the Run Now procedure for a job schedule.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0011J User {0} at IP address {1} called Run Now procedure for job schedule {2}, but the operation was unsuccessful.**

**Explanation**

User tried to execute Run Now procedure for a job schedule but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the configuration set for the job schedule is correct.

- **FQXHMJM0012I User {0} at IP address {1} cloned the job schedule {2}.**

**Explanation**

User cloned a job schedule configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0013J User {0} at IP address {1} tried to clone job schedule {2}, but the operation was unsuccessful.**

**Explanation**

User tried to clone a job schedule configuration, but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the configuration set for the job schedule is correct.

- **FQXHMJM0014I User {0} at IP address {1} removed the following job schedule configurations: {2}.**

**Explanation**

Job schedule configurations was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0015J User {0} at IP address {1} tried to remove job schedule configurations but the operation was unsuccessful. Removed schedules: {2}. Not found IDs: {3}.**

**Explanation**



User tried to remove job schedule configurations but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Try to refresh the job schedule page and retry the operation.

- **FQXHMJM0016I The management server launched the job(s) {0} for job scheduler {1} successfully.**

**Explanation**

The management successfully server launched job(s) for a job scheduler.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0017J The management server tried to launch the job for job scheduler {0}, but the operation was unsuccessful.**

**Explanation**

The management server tried to launch a job for a scheduled job, but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the job schedule is correctly configured.

- **FQXHMJM0018I User {0} at IP address {1} successfully postponed job {2}.**

**Explanation**

A job was postponed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0019J User {0} at IP address {1} tried to postpone job {2} but the operation was unsuccessful.**

**Explanation**

User tried to postpone a job but the operation was unsuccessful.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Try to refresh the page and retry the operation.

- **FQXHMJM0026I User {0} successfully deleted the following job: {1}.**

**Explanation**

A job was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0027I User {0} successfully deleted the following jobs: {1}.**

**Explanation**

Some jobs were deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0028I User {0} failed to delete the following job: {1}.**

**Explanation**

Failed to delete a job.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMJM0029I User {0} failed to delete the following jobs: {1}.**

**Explanation**

Failed to delete some jobs.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMMF0001J The connection to collect metrics between the management server and the management controller {0} is offline.**

**Explanation**

The management server was unable to establish a connection for collecting metrics data to the management controller for more than 1 hour and 40 Minutes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the management controller is running the latest available firmware and that all required network services are enabled. If the problem persists, reset the management controller, and contact Support.

- **FQXHMMF0002J The connection to forward metrics between the management server and the orchestrator server {0} is offline.**

**Explanation**

The management server was unable to establish a connection to the orchestrator server for more than 1 hour and 40 Minutes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the orchestrator server is connected to network and all required network services are enabled. If the problem persists, restart the orchestrator server , and contact Support.

- **FQXHMMF0003I Metrics data collection for all DM Storage managed with ID {0} has finished.**

**Explanation**

The management server finished collecting all metrics data for all DM Storage managed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMMF0004J Metrics data collection for all DM Storage managed with ID {0} has failed.**

**Explanation**

The management server failed in collecting metrics data for all DM Storage managed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Retry collection of metrics data

- **FQXHMMF0005J Metrics data collection for all DM Storage managed could not start.**

**Explanation**

The management server could not perform the metrics data collection for DM Storage managed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Retry collection of metrics data

- **FQXHMMF0006J Metrics data collection was missed from the device {0} between {1} and {2}.**

**Explanation**

The management server has not received some metrics data from the managed device, but data collection has resumed normally since then.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This issue alone causes no harm to the management server or the managed device. However if it occurs more than a few times, that might be indicative of an intermittent problem between the management server and the managed device that would need to be investigated and addressed.

- **FQXHMMN0125I Management Server started by {0}.**

**Explanation**

The management server started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMNM0126I Management Server is shutdown by user {0} at IP address {1}.**

**Explanation**

A shutdown operating action has been issued to the management server by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMNM0127I Management Server is put into single-user mode by user {0} at IP address {1}.**

**Explanation**

A single-user mode operating action has been issued to the management server by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMNM0128I Management Server is restarted by user {0} at IP address {1}.**

**Explanation**

A restart operating action has been issued to the management server by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMNM0129I Management Server is put into unsupported state by user {0} at IP address {1}.**

**Explanation**

An unsupported-state operating action has been issued to the management server by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0001I User {0} updated L2 interfaces {1} with success.**

**Explanation**

The L2 interfaces were updated successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0002G User {0} set an empty range of L2 interfaces {1}.**

**Explanation**

Empty range definition.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0003G User {0} was unable to get L2 interfaces from switch with the error message {1}.**

**Explanation**

Unable to get interfaces from switch.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0004G The range definition {1} given by user {0} did not produce any valid interfaces.**

**Explanation**

Unable to produce any valid interfaces from the range given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0005G User {0} tried to deploy the template but switch firmware version is too low and does not support {1}.**

**Explanation**

Switch firmware version is too low.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0006G User {0} got response {1} from switch when updating interface {2}.**

**Explanation**

Response from switch when updating the interface.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0101I User {0} deployed Global Configuration with success.**

**Explanation**

Global Configuration deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0102G User {0} got response {1} from switch when updating LACP priority.**

**Explanation**

Response from switch when updating the LACP priority.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0103G User {0} got response {1} from switch when updating global tagNative.**

**Explanation**

Response from switch when updating the global tagNative.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0104F User {0} tried to deploy the template but switch firmware version is too low and does not support {1}.**

**Explanation**

Switch firmware version is too low.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0201I User {0} deployed PortChannel Advanced Configuration with success.**

**Explanation**

PortChannel Advanced Configuration deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Information only; no action is required.

- **FQXHMSC0202G User {0} got response {1} from switch when deploying PortChannel Advanced Configuration Template.**

**Explanation**

Response from switch when deploying PortChannel Advanced Configuration Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0203G User {0} got response {1} from switch when updating portchannel {2}.**

**Explanation**

Response from switch when updating the portchannel.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0204G User {0} tried to deploy the template but switch firmware version is too low and does not support LACP individual.**

**Explanation**

Switch firmware version is too low.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0301I User {0} deployed PortChannel Basic Configuration with success.**

**Explanation**

PortChannel Basic Configuration deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0302G User {0} gave an empty interfaces list.**

**Explanation**

An invalid interface list was given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0303G User {0} got response {1} from switch when checking to see if portchannel {2} exists.**

**Explanation**

Response from switch when updating the portchannel.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0304G User {0} was unable to get L2 Interfaces from switch when deploying Portchannel Basic Configuration Template with the message {1}.**

**Explanation**

Unable to get L2 Interfaces from switch when updating the portchannel.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0305G The range definition {1} given by user {0} did not produce any valid interfaces.**

**Explanation**

Unable to produce any valid interfaces from the range given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0306G User {0} got an invalid response {1} from the switch.**

**Explanation**

Switch replied with invalid data.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0307G User {0} gave an incompatible port mode {1} with current port mode {2} on the switch**

**Explanation**

Incompatible existing aggregation mode with template mode. Can't mix static mode with active/passive mode.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0308G User {0} got response {1} from switch when updating portchannel {2}.**

**Explanation**

Response from switch when updating the portchannel.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0309G User {0} got response {1} from switch when creating portchannel {2}.**

**Explanation**

Response from switch when creating the portchannel.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0401I User {0} deleted portchannels {1} with success.**

**Explanation**

The Portchannels were deleted successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0402G User {0} was unable to get portchannel list from switch with the message {1}.**

**Explanation**

Unable to get portchannel list from switch when deleting portchannels.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0403G The range definition {1} given by user {0} did not produce any valid portchannels.**

**Explanation**

Unable to produce any valid portchannels from the range given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0404G User {0} was unable to delete any portchannels {2} having the response {1}.**

**Explanation**

Unable to delete any portchannels from the range given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0405F User {0} deleted portchannels {1} with success and with failure for {3} with the response {2}.**

**Explanation**

Partial success for portchannel deletion.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0501I User {0} deployed successfully the Spine Leaf Template.**

**Explanation**

The Spine Leaf Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0502I User {0} deployed successfully the Spine Node Template.**

**Explanation**

The Spine Node Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0503G User {0} gave an empty port list.**

**Explanation**

An invalid port list was given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0504G User {0} tried to deploy the template but switch firmware version is too low and does not support Global BGP.**

**Explanation**

Switch firmware version is too low.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0506G User {0} got an error {1} when deleting current AS number {2} from switch.**

**Explanation**

Error when deleting current AS number from switch.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0507G User {0} got response {1} from switch when setting BGP AS number {2}.**

**Explanation**

Response from switch when setting BGP AS number.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0508G User {0} got response {1} from switch when enabling BGP unnumbered globally.**

**Explanation**

Response from switch when enabling BGP unnumbered globally.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0509G User {0} got response {1} from switch when enabling BGP unnumbered on interface {2}.**

**Explanation**

Response from switch when enabling BGP unnumbered on an interface.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0510G User {0} got response {1} from switch when setting interface {2} as routed port.**

**Explanation**

Response from switch when setting an interface as routed port.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0601I User {0} deployed successfully the VLAG Advanced Configuration Template.**

**Explanation**

The VLAG Advanced Configuration Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0602F The VLAG Advanced Configuration Template that the user {0} deployed has no effect.**

**Explanation**

Switch is already configured with these template settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0603G User {0} got an invalid response {1} from switch when deploying VLAG Advanced Configuration Template.**

**Explanation**

Invalid response from switch when deploying VLAG Advanced Configuration Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0604G User {0} got response {1} from switch when setting VLAG healthcheck parameters.**

**Explanation**

Response from switch when setting VLAG healthcheck parameters.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0605G User {0} got response {1} from switch when trying to enable VLAG to set TIERID.**

**Explanation**

Response from switch when trying to enable VLAG to set TIERID.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXHMSC0606G User {0} got response {1} from switch when trying to disable VLAG to set TIERID.**

**Explanation**

Response from switch when trying to disable VLAG to set TIERID.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0607G User {0} got response {1} from switch when setting VLAG parameters.**

**Explanation**

Response from switch when setting VLAG parameters.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0701I User {0} deployed successfully the VLAG Instance Configuration Template.**

**Explanation**

The VLAG Instance Configuration Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0702F The VLAG Instance Configuration Template that the user {0} deployed has no effect.**

**Explanation**

Switch is already configured with these template settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0703G User {0} got an invalid response {1} from switch when deploying VLAG Instance Configuration Template.**

**Explanation**

Invalid response from switch when deploying VLAG Instance Configuration Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0704G User {0} got response {1} from switch when {2} instance {3}.**

**Explanation**

Response from switch when updating/creating an instance.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0801I User {0} deployed successfully the VLAG Instance Delete Template.**

**Explanation**

The VLAG Instance Delete Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0802F The VLAG Instance {1} the user {0} wanted to delete does not exist on the switch.**

**Explanation**

The VLAG Instance the user wanted to delete does not exist on the switch.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0803G User {0} got response {1} from switch when checking if instance {2} exists.**

**Explanation**

Response from switch when checking if the instance exists.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0804G User {0} got response {1} from switch when deleting instance {2}.**

**Explanation**

Response from switch when deleting the instance.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0901I User {0} deployed successfully the VLAG Peers Configuration Template.**

**Explanation**

The VLAG Peers Configuration Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0902F The VLAG Peers Configuration Template that the user {0} deployed has no effect.**

**Explanation**

Switch is already configured with these template settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0903G User {0} got response {1} from switch when getting current healthcheck parameters.**

**Explanation**

Failed to get current healthcheck parameters.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0904G User {0} got response {1} from switch when updating healthcheck parameters.**

**Explanation**

Response from switch when updating healthcheck parameters.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0905G User {0} got response {1} from switch when getting current ISL settings.**

**Explanation**

Failed to get current ISL settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0906G User {0} got response {1} from switch when updating ISL settings.**

**Explanation**

Response from switch when updating ISL settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0907G User {0} got response {1} from switch when getting current VLAG parameters.**

**Explanation**

Failed to get current VLAG parameters.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC0908G User {0} got response {1} from switch when updating VLAG parameters.**

**Explanation**

Response from switch when updating VLAG parameters.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1001I User {0} added successfully the interfaces {1} in vlans {2}.**

**Explanation**

The VLAN Configuration Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1002F The VLAN Configuration Template that the user {0} deployed has no effect.**

**Explanation**

Switch is already configured with these template settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1003G User {0} was unable to get interfaces from switch when deploying VLAN Configuration Template with the message {1}.**

**Explanation**

Unable to get Interfaces from switch when deploying VLAN Configuration Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1004G User {0} was unable to get portchannels from switch when deploying VLAN Configuration Template with the message {1}.**

**Explanation**

Unable to get Interfaces from switch when deploying VLAN Configuration Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1005G Range definition given by user {0} did not produce any valid interfaces to update.**

**Explanation**

Range definition given by user did not produce any valid interfaces to update.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1006G User {0} got an invalid response {1} from switch when deploying VLAN Configuration Template.**

**Explanation**

Invalid response from switch when deploying VLAN Configuration Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1007G User {0} got response {1} from switch when creating new VLAN {2}.**

**Explanation**

Response from switch when updating VLAG parameters.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1008G User {0} got response {1} from switch when updating interface {2}.**

**Explanation**

Response from switch when updating the interface.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1101I User {0} deleted VLANs {1} with success.**

**Explanation**

The VLANs were deleted successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1102F User {0} deleted VLANs {1} with success and with failure for {3} with the response {2}.**

**Explanation**

Partial success for VLANs deletion.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1103F User {0} gave an empty list of VLAN IDs for VLAN Delete Template.**

**Explanation**

Null/Empty list of VLAN IDs for VLAN Delete Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1104G User {0} was unable to get current VLANs from switch when deploying VLAN Delete Template with the message {1}.**

**Explanation**

Unable to get current VLANs from switch when deploying VLAN Delete Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1105G User {0} was unable to delete any VLANs {2} having the response {1}.**

**Explanation**

Unable to delete any VLANs from the range given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXHMSC1201I User {0} deployed successfully the VLAN Properties Template.**

**Explanation**

The VLAN Properties Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1202F The VLAN Properties that the user {0} deployed has no effect.**

**Explanation**

Switch is already configured with these template settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1203G The VLAN {1} that the user {0} wanted to deployed the template does not exist.**

**Explanation**

VLAN does not exist on the switch.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1204G User {0} got an invalid response {1} from switch when getting VLAN properties.**

**Explanation**

Invalid response from switch when getting VLAN properties.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1205G User {0} got response {1} from switch when updating VLAN {2} properties.**

**Explanation**

Response from switch when updating the VLAN properties.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1301I User {0} removed interfaces {1} from VLANs {2} with success.**

**Explanation**

The VLAN Remove Template was deployed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1302F The range definition given by user {0} did not produce any valid interfaces/portchannels.**

**Explanation**

Unable to produce any valid interfaces/portchannels from the range given.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1303F The VLAN Remove Template that the user {0} deployed has no effect.**

**Explanation**

Switch is already configured with these template settings.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1304G User {0} was unable to get interfaces from switch when deploying VLAN Remove Template with the message {1}.**

**Explanation**

Unable to get Interfaces from switch when deploying VLAN Remove Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1305G User {0} was unable to get portchannels from switch when deploying VLAN Remove Template with the message {1}.**

**Explanation**

Unable to get Interfaces from switch when deploying VLAN Remove Template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1307G User {0} got response {1} from switch when updating interface {2}.**

**Explanation**

Response from switch when updating the interface.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSC1400G User {0} failed to apply template because the switch operating system (ENOS) does not support configuration templates.**

**Explanation**

Response from switch when applying the configuration template.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0004G Security policy level {0} on {1} does not match security policy level {2} on the management server.**

**Explanation**

The management server enforces a chosen security policy for all managed systems. The security policy on the referenced managed system does not match the security policy that is currently set on the management server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Change the security policy setting on the referenced managed system to match the current security policy on the management server.\n[object Object],[object Object]

- **FQXHMSE0005G Minimum SSL/TLS protocol level {0} on {1} does not match minimum SSL/TLS protocol levels client {2} and server {3} on the management server.**

**Explanation**

The management server enforces a minimum SSL/TLS protocol level for all managed systems. The minimum SSL/TLS protocol level on the referenced managed system does not match the combination of minimum SSL/TLS protocols that is currently set on the management server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Change the minimum SSL/TLS protocol levels on the specified system or on the management server so that the settings match.\n\nXClarity Administrator, open the Administration menu and select the Security item, then select Cryptography from the left navigation. Select the desired settings. At the bottom of the page, select whether to apply the settings to the management server only, the managed devices only, or both the management server and the managed devices, then click Apply. Alternatively, change the minimum TLS settings for a Flex System chassis through the Chassis Management Module (CMM) web interface or command line interface or for a rack, tower, or NeXtScale server through the command line interface using the tls command.

- **FQXHMSE0006G Cryptographic mode {0} on {1} does not match cryptographic mode {2} on the management server.**

**Explanation**

The management server enforces a cryptographic mode for all managed systems. The cryptographic mode set for the referenced managed system does not match the cryptographic mode currently set for the management server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Change the cryptographic mode on the specified system or on the management server so that the settings match.\n\nIn XClarity Administrator, open the Administration menu and select the Security item, then select Cryptography from the left navigation. Select the desired settings. At the bottom of the page, select whether to apply the settings to the management server only, the managed devices only, or both the management server and the managed devices, then click Apply. Alternatively, change the cryptography settings for a Flex System chassis through the Chassis Management Module (CMM) web interface or command line interface or for a rack, tower, or NeXtScale server through the web interface.

- **FQXHMSE0007G Security policy state on chassis {0} is Pending.**

**Explanation**

The management server enforces a chosen security policy for all managed chassis. If the security policy level on a Chassis Management Module (CMM) is changed after the compute and storage nodes are up and running, the security policy status will remain in the Pending status until the service processors on the nodes in the chassis have been reset.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the chassis security policy status is Pending, reset the service processor on the compute and storage nodes in the chassis.\n\n[object Object],[object Object]

- **FQXHMSE0008I Security policy level on {0} matches security policy level {1} on the management server.**

**Explanation**

The security policy level on the referenced managed system matches the security policy level that is currently set on the management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0009I Minimum SSL/TLS protocol level on {0} matches minimum SSL/TLS protocol levels client {1} and server {2} on the management server.**

**Explanation**

The minimum SSL/TLS protocol level on the referenced managed system matches the minimum SSL/TLS protocol level combination that is currently set on the management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0010I Cryptographic mode on {0} matches cryptographic mode {1} on the management server.**

**Explanation**

The cryptographic mode set for the referenced managed system matches the cryptographic mode currently set for the management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0105I Server certificate replaced by user ID {0} at IP address {1}.**

**Explanation**

The specified user has uploaded and installed a new server certificate.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0106I A new server certificate was generated by user ID {0} at IP address {1}.**

**Explanation**

The specified user has generated a new server certificate.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0112I Trust certificate for chassis {0} installed by user ID {1} at IP address {2}.**

**Explanation**

The specified user has installed a new trust certificate for the specified chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0123G The trusted certificate for managed system {0} does not comply with the cryptographic mode of the system.**

**Explanation**

The certificate in the management server trust store for the referenced managed system contains key lengths or cryptographic signing algorithms that do not comply with the security standards of the referenced managed system's cryptographic mode. This may be an indication that the certificate in the management server trust store does not match the certificate on the referenced managed system.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the management server trust store contains the latest certificate for the referenced managed system.\n[object Object],[object Object]

- **FQXHMSE0130I A new CA root certificate was generated by user ID {0} at IP address {1}.**

**Explanation**

The specified user has generated a new CA root certificate.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0131I A new server certificate was uploaded by user ID {0} at IP address {1}.**

**Explanation**

The specified user has uploaded a new server certificate. This replaces the existing server certificate.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0143I A new server certificate was uploaded to the temporary key store by user ID {0} at IP address {1}.**

**Explanation**

The specified user has uploaded a new server certificate to the temporary key store. This certificate has not yet been installed. Jobs will be created to install it.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0144I A new server certificate was installed from the temporary key store by user ID {0} at IP address {1}.**

**Explanation**

The specified user installed the certificate that was previously (possibly as part of the same operation or possibly in an earlier operation) uploaded to the temporary key store.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0200I The login was successful for user ID {0} at IP address {1}.**

**Explanation**

The specified user has logged in to the management console.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.



- FQXHMSE0201I The logout was successful for user ID {0} at IP address {1}.**

**Explanation**  
The specified user has logged out of the management console.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- FQXHMSE0202I The login was unsuccessful for user ID {0} at IP address {1}.**

**Explanation**  
The specified user cannot log in.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- FQXHMSE0203I Account {0} was created by user ID {1} at IP address {2}.**

**Explanation**  
The specified user has created the specified user account.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- FQXHMSE0204I Account {0} was changed by user ID {1} at IP address {2}.**

**Explanation**  
The specified user changed the specified user account.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMSE0205I The password was changed by user ID {0} at IP address {1} for user ID {2}.**

**Explanation**

The specified user has changed the password for the specified user account.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0206I Account {0} was deleted by user ID {1} at IP address {2}.**

**Explanation**

The specified user has deleted the specified account.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0207I The values of the following system properties have changed. {0}.**

**Explanation**

The values of some system properties have changed. This event alerts users of those system properties to take further action if necessary.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0208I The session {0} was terminated for user ID {1} at IP address {2} by {3} at IP address {4}.**

**Explanation**

A privileged user has terminated another user's session.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0209I Account {0} is temporarily locked.**

**Explanation**

The account is temporarily locked due to too many failed login attempts.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0300I Security policy level was changed by user ID {0} at IP address {1} to {2}.**

**Explanation**

The specified user has changed the security policy to the specified level.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0303I Minimum password length was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the minimum password length, which determines the minimum number of characters required for a password.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0304I Maximum password length was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the maximum password length, which determines the maximum number of characters allowed for a password.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0305I The minimum password reuse cycle setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting for minimum password reuse cycle, which determines the number of password changes before a password can be reused.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0306I The password expiration period setting was changed to {0} days by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the password expiration time interval, which determines the number of days that a password is valid before it expires.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0307I The inactivity alert period setting was changed to {0} minutes by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting for inactivity alert period, which determines the number of minutes a user account can be inactive (not used to log in) before it becomes dormant.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0308I The minimum password change interval setting changed to {0} hours by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the minimum password change interval, which determines the number of hours that a password must be in effect before it can be changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0309I The maximum number of login failures setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting for maximum number of login failures, which determines the maximum number of login failures before an account is locked out.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0310I The lockout period after maximum login failures setting changed to {0} minutes by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting for lockout period after maximum login failures, which determines the number of minutes that a user account is locked out after the maximum number of login failures is exceeded.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0311I The simple password rules setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting for simple password rules, which determines the type of password that is acceptable.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0312I The minimum different characters in passwords setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting for minimum different characters in passwords, which determines how many unique characters must be used when a password is created or changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0313I The force user to change password on first login setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting to force users to change password on first access. The user must change the password the next time the user logs in to the management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0314I The password expiration warning period setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting to warn users when their passwords are close to expiring. Warnings will be displayed [arg1] days before a user's password will expire.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0332I The maximum concurrent sessions setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the account security setting for maximum concurrent sessions, which determines the maximum number of concurrent sessions the specified user can have open.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0400I A node account created for user ID {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user created a node account for the specified user account.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0401I A node account for user ID {0} changed by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the node account for the specified user account.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0402I A node account for user ID {0} deleted by user ID {1} at IP address {2}.**

**Explanation**

The specified user deleted the node account for the specified user account.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0403I Centralized node account management was enabled for chassis {0} by user ID {1} at IP address {2}.**

**Explanation**

The specified user enabled management of node account on the specified chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0404I Node account management responsibility was transferred to chassis {0}.**

**Explanation**

The specified chassis is no longer managed and responsibility for managing node accounts has transferred to the chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0405I A node account for user ID {0} was activated on chassis {1} by user ID {2} at IP address {3}.**

**Explanation**

The specified user activated the specified node account on the specified chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0406I A node account for user ID {0} was deactivated on chassis {1} by user ID {2} at IP address {3}.**

**Explanation**

The specified user deactivated the specified node account on the specified chassis.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0503I The minimum TLS protocol level settings for {0} were changed to client={1}, server={2}, OS deploy={3} by user ID {4} at IP address {5}.**

**Explanation**

The specified user changed the minimum SSL/TLS protocol level to the specified value.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0504I The cryptographic mode for {0} was changed to {1} by user ID {2} at IP address {3}.**

**Explanation**

The specified user changed the cryptographic mode setting to the specified value.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0620I The LDAP server selection method setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The LDAP server selection method determines whether LDAP server addresses are preconfigured, or resolved through a DNS service record.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0621I A preconfigured LDAP server, {0}, was added by user ID {1} at IP address {2}.**

**Explanation**

Preconfigured server addresses are IP addresses or DNS host names that point to specific LDAP servers.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0622I The LDAP root distinguished name setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The root distinguished name setting determines the location where LDAP user and group searches begin. A broader root distinguished name, such as dc=example,dc=com, is likely to return more search results than a narrower root distinguished name, such as ou=operations,dc=example,dc=com.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0623I The Active Directory forest name setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The Active Directory forest name is used to locate Active Directory global catalog servers. Global catalog servers contain information about groups that have members in multiple Active Directory domains.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0624I The LDAP domain name setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The domain name is used to locate LDAP servers using a DNS service record. In an Active Directory environment, domain controllers are often located using a DNS service record.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0625I The LDAP client distinguished name setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The client distinguished name and password are used to authenticate to LDAP servers to search them for user and group information.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0626I The LDAP client password setting was changed by user ID {0} at IP address {1}.**

**Explanation**

The client distinguished name and password are used to authenticate to LDAP servers to search them for user and group information.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0627I The LDAP SSL setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The SSL setting specifies whether connections to LDAP servers should be secured using the SSL or TLS protocols.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0628I The LDAP trusted certificate {0} was replaced by user ID {1} at IP address {2}.**

**Explanation**

Trusted certificates are used to verify the authenticity of the LDAP server before using it for user authentication.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0629I The LDAP trusted certificate {0} was deleted by user ID {1} at IP address {2}.**

**Explanation**

Trusted certificates are used to verify the authenticity of the LDAP server before using it for user authentication.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0630I The LDAP user authentication method setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The LDAP user authentication method determines whether users are authenticated locally or through an external LDAP server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0631I The LDAP user authentication method was set to {0} after a change attempted by user ID {1} at IP address {2} failed.**

**Explanation**

Communication with all of the configured LDAP servers was not successful. The LDAP user authentication method was changed to the "Allow logons from local user's" setting.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0632I The LDAP binding method setting changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The LDAP binding method determines which user credentials are used to perform the initial bind to the external LDAP server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0633I The LDAP User Search Attribute setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The User Search Attribute setting identifies the LDAP attribute that is used on the LDAP server to look up users.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0634I The LDAP Group Search Attribute setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The Group Search Attribute setting identifies the LDAP attribute that is used on the LDAP server to look up groups to which users belong.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0635I The LDAP setting to use servers as Global Catalogs was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

This setting specifies whether configured LDAP servers should be used as Global Catalogs.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0636I The LDAP Group Name Attribute setting was changed to {0} by user ID {1} at IP address {2}.**

**Explanation**

The Group Name Attribute setting identifies the LDAP attribute that is used on the LDAP server to look up all groups that are configured by the LDAP server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0698K One or more external LDAP servers are now reachable.**

**Explanation**

Communication with one or more of the configured LDAP servers is successful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0699K All external LDAP servers are unreachable.**

**Explanation**

Communication with all of the configured LDAP servers was not successful. This may interrupt communication between the management server and all managed servers. This problem may be due to a temporary server or network outage.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Make sure that at least one LDAP server is running\n2) Make sure that there is network connectivity from the management server to at least one LDAP server.\n3) If the management server is configured to use transport layer security, make sure that at least one LDAP server is providing the correct trusted certificate.\n4) Make sure an entry with the client distinguished name and password configured on the management server exists in the LDAP directory.\n5) If the problem persists:\n\n- Unmanage all managed servers.\n\n- Connect to each previously managed server and perform the documented recovery operation to return it to local user authentication.\n\n- Reconfigure the management server with the correct LDAP client settings, or Restore the LDAP client settings to their default values.\n\n- Remanage all previously managed servers.

- **FQXHMSE0700I Authorization group {0} was created by user ID {1} at IP address {2}.**

**Explanation**

The specified user has created the specified authorization group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0701I Authorization group {0} was changed by user ID {1} at IP address {2}.**

**Explanation**

The specified user changed the specified authorization group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0702I Authorization group {0} was deleted by user ID {1} at IP address {2}.**

**Explanation**

The specified user has deleted the specified authorization group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0750I The resource access control has been {0} by user ID {1} at the following IP address {2}.**

**Explanation**

The specified user has changed the resource access control setting.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0751I Access to resource {0} was granted by user ID {1} at IP address {2} for the following role groups: {3}.**

**Explanation**

The specified user has granted access to the specified resource for the specified role groups.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0752I Access to resource {0} was modified by user ID {1} at IP address {2}.**

**Explanation**

The specified user has modified access to the specified resource.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0753I Access to resource {0} was removed by user ID {1} at IP address {2}.**

**Explanation**

The specified user has removed access to the specified resource.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.



- **FQXHMSE0796I Resource Access Control was disabled by user {0} at IP address {1}.**

**Explanation**

The Resource Access Control function was disabled. User authorization for managed systems will no longer be enforced based on configured Resource Access Control settings.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0797I Resource Access Control was enabled by user {0} at IP address {1}.**

**Explanation**

The Resource Access Control function was enabled. User authorization for managed systems will be enforced based on configured Resource Access Control settings.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0798I The following role groups were added to the list of default Resource Access Control role groups by user {0} at IP address {1}: {2}.**

**Explanation**

One or more role groups were added to the list of default Resource Access Control role groups. Default Resource Access Control role groups are automatically associated with new managed systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0799I The following role groups were removed from the list of default Resource Access Control role groups by user {0} at IP address {1}: {2}.**

**Explanation**

One or more role groups were removed from the list of default Resource Access Control role groups. Default Resource Access Control role groups are automatically associated with new managed systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0800I Service provider metadata has been regenerated by {0}.**

**Explanation**

The specified user has regenerated the service provider metadata

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0801I Identity provider metadata has been regenerated by {0}.**

**Explanation**

The specified user has regenerated the identity provider metadata

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0802I SAML single sign on has been disabled by {0}.**

**Explanation**

The specified user has disabled SAML single sign on

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0803I SAML single sign on has been enabled by {0}.**

**Explanation**

The specified user has enabled SAML single sign on

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0910I Stored credentials with ID {0} and the following user name and description were added by user {1} at IP address {2}: {3} - {4}.**

**Explanation**

A new set of stored credentials were added to the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0911I Stored credentials with ID {0} and the following user name and description were removed by user {1} at IP address {2}: {3} - {4}.**

**Explanation**

A set of stored credentials were removed from the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0912I The user name of the stored credentials with ID {0} was changed to the following by user {1} at IP address {2}: {3} - {4}.**

**Explanation**

The user name of an existing set of stored credentials was changed on the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0913I The description of the stored credentials with ID {0} was changed to the following by user {1} at IP address {2}: {3} - {4}.**

**Explanation**

The description of an existing set of stored credentials was changed on the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0914I The password of the stored credentials with ID {0} and the following user name and description was changed by user {1} at IP address {2}: {3} - {4}.**

**Explanation**

The password of an existing set of stored credentials was changed on the system. Stored credentials consist of a user name and password. They can be used to perform operations on managed systems.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0915I Head of Stack feature not supported for firmware {0}.**

**Explanation**

Head of Stack feature is not supported in this firmware.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0916I Head of Stack feature supported for firmware {0}.**

**Explanation**

Head of Stack feature supported for this firmware.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0917I {0} enabled encapsulation for all future managed devices.**

**Explanation**

The user has enabled encapsulation for all future managed devices via the Manage and Discover New Devices page.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0918I {0} disabled encapsulation for all future managed devices.**

**Explanation**

The user has disabled encapsulation state for all future managed devices via the Manage and Discover New Devices page.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0919I Custom role {0} was created by user {1} at IP address {2}.**

**Explanation**

The custom role was created successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0920I Custom role {0} was modified by user {1} at IP address {2}.**

**Explanation**

The custom role was modified successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0921I Custom role {0} was deleted by user {1} at IP address {2}.**

**Explanation**

The custom role was deleted successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0922F Old licensing system is obsolete. Please use new licensing system.**

**Explanation**

From version 2.7.0 xClarity Administrator uses new licensing system. The old system is obsolete.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at \nLicensing support\n.

- **FQXHMSE0923F You are in TRIAL mode of the obsolete licensing system. Please use new licensing system.**

**Explanation**

From version 2.7.0 xClarity Administrator uses new licensing system. The old system is obsolete. You are in Trial mode of the obsolete licensing system.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at \nLicensing support\n.

- **FQXHMSE0924K The system is not compliant due to number of managed devices is higher than license permit.**

**Explanation**

The number of devices managed is higher than the number of devices that license permit.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at \nLicensing support\n.

- **FQXHMSE0925F The number of devices managed is over the limit of number of devices that license permit.**

**Explanation**

The number of devices managed is over the limit of number of devices that license permit.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at \nLicensing support\n.

- **FQXHMSE0926K Functions disabled due to license not compliant and 90 days of non-compliance expired.**

**Explanation**

The system is non-compliance for over 90 days. Please install new valid license.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at \nLicensing support\n.

- **FQXHMSE0927F You have {0} days remaining to make your system compliant.**

**Explanation**

There are couple of days remaining to make the system complaint. Otherwise functions will be disabled.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at \nLicensing support\n.

- **FQXHMSE0928F License will expire soon. Check licenses.**

**Explanation**

You have at least one license which will expires in less days that warning limit was reached. Check licenses.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please contact your sales representative to acquire new license. If you think that the non-compliance assessment is incorrect, you may contact licensing support at \nLicensing support\n.

- **FQXHMSE0929I The SSO login was successful for server {0}.**

**Explanation**

The specified server was logged in thru SSO.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0930I The SSO login failed for server {0}.**

**Explanation**

The specified server was not able to log in thru SSO.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0931I Functions enabled after system became compliant.**

**Explanation**



Functions were enabled after system became license compliant.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0932I New license was added to the system by {0}.**

**Explanation**

New license was added to the system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0933I License was removed from system by {0}.**

**Explanation**

License was removed from system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0934I Single Sign On for servers was enabled by {0}.**

**Explanation**

Single Sign On for servers was enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0935I Single Sign On for servers was disabled by {0}.**

**Explanation**

Single Sign On for servers was disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0936I A new CyberArk certificate was generated by user ID {0} at IP address {1}.**

**Explanation**

The specified user has generated a new CyberArk certificate.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSE0937I A new Single Sign On certificate was generated by user ID {0} at IP address {1}.**

**Explanation**

The specified user has generated a new Single Sign On certificate.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSP00001I The job {0} that was requested by user {1} to retrieve the chassis switch ports on device {2} was successful.{3}.**

**Explanation**

The chassis switch ports request operation was successful.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSPO0002J The job {0} requested by user {1} to retrieve the chassis switch ports on device {2} failed.**

**Explanation**

The chassis switch ports request operation could not be completed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Resolve the connectivity issue from the server dashboard.

- **FQXHMSO0001I All Service Data files have been downloaded by user {0} at IP address {1}.**

**Explanation**

A file containing all Service Data files has been transferred to the user's workstation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSO0002J The download of Service Data files was not successful by user {0} at IP address {1}.**

**Explanation**

A file containing all Service Data files has not been transferred to the user's workstation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the task.

- **FQXHMSO0003I Service Data file {0} was downloaded by user {1} at IP address {2}.**

**Explanation**

The referenced Service Data file has been transferred to the user's workstation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS0004J The download of Service Data file {0} was not successful by user {1} at IP address {2}.**

**Explanation**

The referenced Service Data file was not transferred to the user's workstation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the task.

- **FQXHMSS1001I The log level of logger {0} has been changed from {1} to {2} by user {3} at IP address {4}.**

**Explanation**

The referenced logger will now be running at the new log level.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1002J The request from user {0}, at IP address {1}, to change the log level of logger {2} from {3} to {4} was not successful.**

**Explanation**

The request to change the log level was not successful. Therefore, the previously set log level will continue to be active.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation.

- **FQXHMSS1003I The log size of logger {0} has been changed from {1} to {2} by user {3} at IP address {4}.**

**Explanation**

The referenced logger will now be running at the new log size.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMS1004J The request from user {0}, at IP address {1}, to change the log size of logger {2} from {3} to {4} was not successful.**

**Explanation**

The request to change the log size was not successful. Therefore, the previously set log size will continue to be active.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation

- **FQXHMS1005I The number of Service Data files to keep has been changed by user {0}, at IP address {1}, from {2} to {3}.**

**Explanation**

The new number of Service Data files to keep is now active.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMS1006J The request from user {0}, at IP address {1}, to change the number of Service Data files to keep from {2} to {3} was not successful.**

**Explanation**

The request to change the number of Service Data files to keep was not successful. Therefore, the previously set value will continue to be active.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation

- **FQXHMSS1007I The request from user {0}, at IP address {1}, to change the suppression time from {2} to {3} was successful.**

**Explanation**

The new suppression time is now set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1008J The request from user {0}, at IP address {1}, to change the suppression time from {2} to {3} was not successful.**

**Explanation**

The request to change the suppression time was not successful. Therefore, the previously set value will continue to be active.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation

- **FQXHMSS1009I The number of informational Service Data files to keep has been changed by user {0}, at IP address {1}, from {2} to {3}.**

**Explanation**

The new number of Service Data files to keep is now active.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1010J The request from user {0}, at IP address {1}, to change the number of informational Service Data files to keep from {2} to {3} was not successful.**

**Explanation**

The request to change the number of informational Service Data files to keep was not successful. Therefore, the previously set value will continue to be active.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the management server, and then retry the operation

- **FQXHMSS1011I A Service Data file with the type {0} and dump configuration ID {1} was collected on the server.**

**Explanation**

A new Service Data file is now available to be sent to Support.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1012I A Service Data file with the type {0} and a custom configuration was collected on the server.**

**Explanation**

A new Service Data file is now available to be sent to Support.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1013J A request to collect a Service Data file on the server was not successful.**

**Explanation**

The Service Data file could not be collected on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Try the request again. If the problem persists, contact Support.

- **FQXHMSS1014I The dumped archives have been cleared from the server by user {0} at IP address {1}.**

**Explanation**

The dumped service and support archives on the server have been cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1015J An internal server error occurred during the deletion of the dumped service and support archives on the server, which was requested by user {0} at IP address {1}.**

**Explanation**

The dumped service and support archives on the server have been cleared.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Try the request again. If the problem persists, contact Support.

- **FQXHMSS1016I The request from user {0} at IP address {1} to change the number of logs archives for appender {2} to {3} was successful.**

**Explanation**

The new number of archives to save was set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1017J The request from user {0} at IP address {1} to change the number of logs archives for appender {2} to {3} has failed.**

**Explanation**

The new number of archives to save wasn't set.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check that the number inserted is positive and non zero.



- **FQXHMSS1018I The request from user {0} at IP address {1} to restore the log settings to the default values was successful.**

**Explanation**

The log settings have been successfully restored to the default values.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1019J The request from user {0} at IP address {1} to restore the log settings to the default values was not successful.**

**Explanation**

The default logging settings were not set.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Try this request again. If the problem persists, contact Support.

- **FQXHMSS1020I The generation of Service Data archive for user {0} at IP address {1} finished successfully.**

**Explanation**

A file containing Service Data files finished generating successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1021J The generation of Service Data archive for user {0} at IP address {1} finished unsuccessfully.**

**Explanation**

A file containing Service Data files finished generating unsuccessfully.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Try again, and in case of multiple failures, contact System and Support.

- **FQXHMSS1022I User {0} at IP address {1} initiated the generation of a Service Data file.**

**Explanation**

A file containing Service Data files is being generated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1023J The request by user {0} at IP address {1} to generate a Service Data file was not successful, due to a previous request still in process**

**Explanation**

A previous request to generate a Service Data file was still in process. Therefore a new request could not be started.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Wait for the previous request to complete, then retry the operation.

- **FQXHMSS1024J The request by user {0} at IP address {1} to upload a file was not successful, because the file name was not valid.**

**Explanation**

There are only specific file names that are valid to upload. This function should only be performed at the direction of the Service team, using files provided by them.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to make sure the file name matches what was provided by the Service team, then try again.

- **FQXHMSS1025J The request by user {0} at IP address {1} to upload a file was not successful, because the file could not be written to disk.**

**Explanation**

The file could not be written to disk due to a permissions, connectivity or file system issue.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to make sure the user was running as a supervisor level, and that there are no connectivity issues. Then retry the operation.

- **FQXHMSS1026J The request by user {0} at IP address {1} to upload a file was not successful, because a temp file could not be deleted.**

**Explanation**

A new file cannot be uploaded if the temp version of it cannot be deleted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to make sure the user was running as a supervisor level, and that there are no connectivity issues. Then retry the operation.

- **FQXHMSS1027J The request by user {0} at IP address {1} to upload a file was not successful, because the file format was not valid.**

**Explanation**

Only specific file types and formats can be uploaded. The specified file did not match a supported format.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the file that was received from the Service team has not been modified. Retry the upload of the file received from the Service team.

- **FQXHMSS1028I The request by user {0} at IP address {1} to upload a file was successful.**

**Explanation**

The configuration of the management server has been modified due to the new configuration file that was uploaded.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1029I The request by user {0} at IP address {1} to change the Call Home configuration was successful.**

**Explanation**

The user changed the current Call Home configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1030J The request by user {0} at IP address {1} to change the Call Home configuration was unsuccessful.**

**Explanation**

The user tried to change the current Call Home configuration.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify the required fields and try again.

- **FQXHMSS1031I User {0} at IP address {1} enabled Call Home.**

**Explanation**

The user enabled Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1032J User {0} at IP address {1} tried to enable Call Home but the operation was unsuccessful.**

**Explanation**

The user tried to enable Call Home.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the configuration is valid.

- **FQXHMSS1033I User {0} at IP address {1} disabled Call Home.**

**Explanation**

The user disabled Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1034J User {0} at IP address {1} tried to disable Call Home but the operation was unsuccessful.**

**Explanation**

The user tried to disable Call Home.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the configuration is valid.

- **FQXHMSS1035I User {0} at IP address {1} reset the Call Home configuration.**

**Explanation**

The user reset the Call Home configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1036J User {0} at IP address {1} tried to reset the Call Home configuration, but the operation was unsuccessful.**

**Explanation**

The user tried to reset Call Home.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please retry and if the failure persists, please contact Service.

- **FQXHMSS1045I This is a eCC Test Call.**

**Explanation**

This is a eCC Test Call.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1048I The request by user {0} at IP address {1} to save the contact information for Call Home on endpoint with UUID {2} was successful.**

**Explanation**

The user saved the contact information for Call Home on a specific chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1049I The request by user {0} at IP address {1} to update the contact information for Call Home on endpoint with UUID {2} was successful.**

**Explanation**

The user updated the contact information for Call Home on a specific chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1050I The request by user {0} at IP address {1} to clear the contact information for Call Home on endpoint with UUID {2} was successful.**

**Explanation**

The user cleared the contact information for Call Home on a specific chassis.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1051I User {0} at IP address {1} enabled the tracing mechanism.**

**Explanation**

The user enabled the tracing mechanism on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1052I User {0} at IP address {1} disabled the tracing mechanism.**

**Explanation**

The user disabled the tracing mechanism on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1053I User {0} at IP address {1} enabled the auto dumping mechanism.**

**Explanation**

The user enabled the auto dumping mechanism on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1054I User {0} at IP address {1} disabled the auto dumping mechanism.**

**Explanation**

The user disabled the auto dumping mechanism on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS1055J The request from user {0}, at IP address {1}, to change the log level for the restricted logger {2} from {3} to {4} was not successful.**

**Explanation**

The request to change the log level was not successful. Therefore, the previously set log level will continue to be active.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The logger you have selected previously is restricted. Please select another logger and try again.

- **FQXHMSS2001I Event {0} generated on {1} has been added to the Service Data collecting process.**

**Explanation**

The Serviceable event was added to the processing queue in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2002M The management server was not able to find the appropriate system to collect the Service Data archive for event {0} generated on {1}.**

**Explanation**

There was a problem in the management server while trying to find the appropriate system to collect the Service Data from.

**Severity**

Critical

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Please ensure there is still connectivity between the managed endpoint and the management server.  
Also please verify that the endpoint is still managed.

- **FQXHMSS2003M The management server encountered an error while trying to collect the Service Data archive for event {0} generated on {1}.**

**Explanation**

There was a problem in the management server while trying to collect the Service Data.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please ensure there is still connectivity between the managed endpoint and the management server.  
Also please verify that the endpoint is still managed. If this issue persists, please contact the Service and Support centre.

- **FQXHMSS2004J The management server was not able to collect the Service Data archive for event {0} generated on {1}.**

**Explanation**

The management server encountered a problem while trying to collect the Service Data.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please ensure there is still connectivity between the managed endpoint and the management server.  
If this issue persists, please contact the Service and Support.

- **FQXHMSS2005I The Service Data archive for event {0} from {1} has been collected successfully.**

**Explanation**

The Service Data for the event was collected successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2006I Call Home Service Forwarder {0} started creating the Ticket for event {1} generated on {2}.**

**Explanation**

The Service Forwarder has started generating the Ticket for the Serviceable event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2007I Call Home Service Forwarder {0} created Ticket {1} for event {2} generated on {3}.**

**Explanation**

The Service Forwarder has generated the Ticket for the Serviceable event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2008J Call Home Service Forwarder {0} was not able to create Ticket for event {1} generated on {2}. The forwarder has no more retries left. The process for this event will be dropped.**

**Explanation**

The Service Forwarder was unable to generate the Ticket for the Serviceable event.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that the contact data is valid. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2009I Call Home Service Forwarder {0} started uploading the collected Service Data to Ticket {1}.**

**Explanation**

The Service Forwarder started uploading the Service Data to the generated Ticket for the Serviceable event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2010I Call Home Service Forwarder {0} uploaded the Service Data to Ticket {1} successfully.**

**Explanation**

The Service Forwarder uploaded the Service Data to the generated Ticket for the Serviceable event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2011J Call Home Service Forwarder {0} was not able to upload the Service Data to Ticket {1}. The entry has no more retries left. The process for this event will be dropped.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the generated Ticket for the Serviceable event.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that the contact data is valid. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2012I SFTP Service Forwarder {0} started uploading the collected Service Data to {1}:{2}.**

**Explanation**

The Service Forwarder started uploading the Service Data to the destination server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2013I SFTP Service Forwarder {0} uploaded the collected Service Data to {1}:{2} successfully.**

**Explanation**

The Service Forwarder uploaded the Service Data to the destination server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2014J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1};{2}. The number of retries left is {3}.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2015M SFTP Service Forwarder {0} encountered an error while trying to upload the collected Service Data to {1};{2}.**

**Explanation**

The Service Forwarder encountered a problem while trying to upload the Service Data to the destination server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. If this problem persists please contact the Service and Support centre.

- **FQXHMSS2016I Service Forwarder {0} has been created by user {1} at IP address {2}.**

**Explanation**

The Service Forwarder has been created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2017I Service Forwarder {0} has been modified by user {1} at IP address {2}.**

**Explanation**

The Service Forwarder has been edited.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2018I Service Forwarder {0} has been deleted by user {1} at IP address {2}.**

**Explanation**

The Service Forwarder has been deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2019I The management server started collecting the Service Data archive for event {0} generated on {1}.**

**Explanation**

The management server started collecting the Service Data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2020I Service Forwarder {0} has added the collected Service Data archive for event {1} generated on {2} in the pending queue.**

**Explanation**

The Service Forwarder has added the collected Service Data archive in the pending queue of the forwarder, because the forwarder was set to postpone archives from being processed until a user accepts them.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2021I User {0} at IP address {1} has accepted the Service Data archive for event {2} generated on {3} for being processed by the active service forwarders.**

**Explanation**

The user has accepted the collected Service Data to be processed by the active service forwarders.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2022I User {0} at IP address {1} has declined the Service Data archive for event {2} generated on {3} from being processed by the active service forwarders.**

**Explanation**

The user has declined the collected Service Data to be processed by the active service forwarders.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2023J Call Home Service Forwarder {0} was not able to upload the Service Data to Ticket {1}. The number of retries left is {2}.**

**Explanation**

The management server has failed to transfer the Service Data archive to the destination.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please ensure that the management server has a connectivity to the destination. Please verify that the SFTP protocol is not blocked by your firewall.

- **FQXHMSS2024J Call Home Service Forwarder {0} was not able to create Ticket for event {1} generated on {2}. The number of retries left is {3}.**

**Explanation**

The Service Forwarder was unable to generate the Problem Record for the Serviceable event.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please ensure that the management server has a connectivity to the destination. Please verify that the SFTP protocol is not blocked by your firewall.

- **FQXHMSS2025J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1};{2}. The entry has no more retries left. The process for this event will be dropped.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication.

- **FQXHMSS2026I User {0} at IP address {1} has successfully uploaded file {2} to Service Ticket {3}.**

**Explanation**

The user has uploaded a file to a Service Ticket.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2027G User {0} at IP address {1} has tried to upload file {2} to Service Ticker {3} but the request failed.**

**Explanation**

The user has tried to uploaded a file to a Service Ticket, but the server was unable to upload it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Verify that the Default Call Home Settings are set. Check if there is a connection to the outside and verify that the firewall is not blocking the communication.

- **FQXHMSS2028I The management server will skip creating a Ticket for event {0} generated on {1}.**

**Explanation**

The management server already contains an active Ticket for the specified service event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2029J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1};{2} due to connectivity issues. The number of retries left is {3}.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2030J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1};{2} due to invalid credentials. The number of retries left is {3}.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't authenticate to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the credentials are valid.

- **FQXHMSS2031J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1};{2} due to some transfer errors. The number of retries left is {3}.**



**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't transfer the file to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the destination folder rights permit the transfer and that the destination has sufficient disk space for the new file.

- **FQXHMSS2032J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1};{2} due to connectivity issues. The entry has no more retries left. The process for this event will be dropped.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2033J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1};{2} due to invalid credentials. The entry has no more retries left. The process for this event will be dropped.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't authenticate to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the credentials are valid.

- **FQXHMSS2034J SFTP Service Forwarder {0} was not able to upload the Service Data to Ticket to {1}:{2} due to some transfer errors. The entry has no more retries left. The process for this event will be dropped.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it could not transfer the file to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the destination folder rights permit the transfer and that the destination has sufficient disk space for the new file.

- **FQXHMSS2035I User {0} at IP Address {1} started the Call Home connectivity test.**

**Explanation**

The user started the Call Home connectivity test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2036I The Call Home connectivity test started by user {0} at IP Address {1} ended successfully.**

**Explanation**

The Call Home connectivity test ended successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2037J The Call Home connectivity test started by user {0} at IP Address {1} failed.**

**Explanation**

The Call Home connectivity test ended unsuccessfully.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the Call Home contact information is set correctly. Please verify that the management server has connectivity to the Internet. Be sure that the management server has a valid DNS server set that is reachable.

- **FQXHMSS2038I Lenovo Upload Facility Service Forwarder {0} started uploading the collected Service Data to {1}.**

**Explanation**

The Service Forwarder started uploading the Service Data to the destination server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2039I Lenovo Upload Facility Service Forwarder {0} uploaded the collected Service Data to {1}.**

**Explanation**

The Service Forwarder uploaded the Service Data to the destination server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2040J Lenovo Upload Facility Service Forwarder {0} was not able to upload the Service Data to ticket to {1} due to connectivity issues. The entry has no more retries left. The process for this event will be dropped.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2041J Lenovo Upload Facility Service Forwarder {0} was not able to upload the Service Data to ticket to {1} due to connectivity issues. The number of retries left is {2}.**

**Explanation**

The Service Forwarder was unable to upload the Service Data to the destination server because it couldn't connect to it.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. Please verify that the hostname can be resolved by the DNS.

- **FQXHMSS2042M Lenovo Upload Facility Service Forwarder {0} encountered an error while trying to upload the collected Service Data to {1};{2}.**

**Explanation**

The Service Forwarder encountered a problem while trying to upload the Service Data to the destination server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that there is a connection to the destination server. Also verify that your firewall isn't blocking the communication. If this problem persists please contact the Service and Support centre.

- **FQXHMSS2043I The request by user {0} at IP address {1} to save the Lenovo Upload Facility configuration was successful.**

**Explanation**

The user set a new Lenovo Upload Facility configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2044I The request by user {0} at IP address {1} to change the Lenovo Upload Facility configuration was successful.**

**Explanation**

The user changed the current Lenovo Upload Facility configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2045J The request by user {0} at IP address {1} to change the Lenovo Upload Facility configuration was unsuccessful.**

**Explanation**

The user tried to changed the current Lenovo Upload Facility configuration, but the request failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the information set in the configuration is valid.

- **FQXHMSS2046I User {0} at IP address {1} reset the Lenovo Upload Facility configuration.**

**Explanation**

The user reset the Lenovo Upload Facility configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2047J User {0} at IP address {1} tried to reset the Lenovo Upload Facility configuration, but the operation was unsuccessful.**

**Explanation**

The user tried to reset Lenovo Upload Facility.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please retry and if the failure persists, please contact Service.

- **FQXHMSS2048J An upload of the file {0} to the Lenovo Upload Facility was initiated by user {1}.**

**Explanation**

This service file will be transferred to Lenovo support.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS2049J An upload of usage data to the Lenovo Upload Facility was initiated.**

**Explanation**

This service file will be transferred to Lenovo.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3035I User {0} at IP Address {1} started the Lenovo Call Home connectivity test.**

**Explanation**

The user started the Lenovo Call Home connectivity test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3036I The Lenovo Call Home connectivity test started by user {0} at IP Address {1} ended successfully.**

**Explanation**

The Lenovo Call Home connectivity test ended successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3037J The Lenovo Call Home connectivity test started by user {0} at IP Address {1} failed.**

**Explanation**

The Lenovo Call Home connectivity test ended unsuccessfully.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify that the management server has connectivity to the Internet. Be sure that the management server has a valid DNS server set that is reachable.

- **FQXHMSS3038J A Lenovo Call Home connection test has failed. Access token could not be retrieved.**

**Explanation**

The management server could not complete a Lenovo Call Home connection test.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3039I User {0} at IP Address {1} started a Manual Software Lenovo Call Home.**

**Explanation**

User has started a Manual Software Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3040J A Lenovo Software Call Home Test has failed. The case could not be created.**

**Explanation**

The management server could not complete a Lenovo Software Call Home Test.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3041J A Lenovo Software Call Home has failed. The case could not be created.**

**Explanation**

The management server could not complete a Lenovo Software Call Home.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3042J A Lenovo Call Home Test has failed. The case could not be created.**

**Explanation**

The management server could not complete a Lenovo Call Home Test.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3043J A Lenovo Manual Call Home has failed. The case could not be created.**

**Explanation**

The management server could not complete a Lenovo Manual Call Home.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3044J A Lenovo Call Home has failed. The case could not be created.**

**Explanation**

The management server could not complete a Lenovo Call Home.

**Severity**

Warning



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3045I A Lenovo Software Call Home Test has successfully completed. The case number is {0}.**

**Explanation**

The management server has successfully completed a Lenovo Software Call Home Test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3046I A Lenovo Software Call Home has successfully completed. The case number is {0}.**

**Explanation**

The management server has successfully completed a Lenovo Software Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3047I A Lenovo Manual Call Home has successfully completed. The case number is {0}.**

**Explanation**

The management server has successfully completed a Lenovo Manual Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3048I A Lenovo Call Home Test has successfully completed. The case number is {0}.**

**Explanation**

The management server has successfully completed a Lenovo Call Home Test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3049I A Lenovo Call Home has successfully completed. The case number is {0}.**

**Explanation**

The management server has successfully completed a Lenovo Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3050I User {0} at IP Address {1} started a Manual Lenovo Call Home.**

**Explanation**

User has started a Manual Lenovo Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3051I User {0} at IP Address {1} started a Lenovo Call Home Test.**

**Explanation**

User has started a Test Lenovo Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3052I User {0} at IP Address {1} started a Manual Software Lenovo Call Home Test.**

**Explanation**

User has started a Manual Software Lenovo Call Home Test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3053I User {0} at IP address {1} has successfully uploaded file {2} to Lenovo Case {3}.**

**Explanation**

The user has uploaded a file to a Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3054I The Lenovo Software Call Home Test has started uploading Service Data to case {0}.**

**Explanation**

The Lenovo Software Call Home Test started to upload collected Service Data to the Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3055I The Lenovo Software Call Home Test has successfully uploaded Service Data to case {0}.**

**Explanation**

The Lenovo Software Call Home Test has uploaded collected Service Data to the Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3056J The Lenovo Software Call Home Test has failed to upload Service Data to case {0}.**

**Explanation**

The Lenovo Software Call Home Test failed to upload collected Service Data to the Lenovo Case.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3057J The Lenovo Software Call Home Test has failed to upload Service Data because Lenovo case could not be created.**

**Explanation**

The Lenovo Software Call Home Test failed to upload collected Service Data because the Lenovo Case has not been created.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3058I The Lenovo Software Call Home has started uploading Service Data to case {0}.**

**Explanation**

The Lenovo Software Call Home started to upload collected Service Data to the Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3059I The Lenovo Software Call Home has successfully uploaded Service Data to case {0}.**

**Explanation**

The Lenovo Software Call Home has uploaded collected Service Data to the Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3060J The Lenovo Software Call Home has failed to upload Service Data to case {0}.**

**Explanation**

The Lenovo Software Call Home failed to upload collected Service Data to the Lenovo Case.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3061J The Lenovo Software Call Home has failed to upload Service Data because Lenovo case could not be created.**

**Explanation**

The Lenovo Software Call Home failed to upload collected Service Data because the Lenovo Case has not been created.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3062I The Lenovo Call Home Test has started uploading Service Data to case {0}.**

**Explanation**

The Lenovo Call Home Test started to upload collected Service Data to the Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3063I The Lenovo Call Home Test has successfully uploaded Service Data to case {0}.**

**Explanation**

The Lenovo Call Home Test has uploaded collected Service Data to the Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3064J The Lenovo Call Home Test has failed to upload Service Data to case {0}.**

**Explanation**

The Lenovo Call Home Test failed to upload collected Service Data to the Lenovo Case.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3065J The Lenovo Call Home Test has failed to upload Service Data because Lenovo case could not be created.**

**Explanation**

The Lenovo Call Home Test failed to upload collected Service Data because the Lenovo Case has not been created.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3066I The Lenovo Call Home has started uploading Service Data to case {0}.**

**Explanation**

The Lenovo Call Home started to upload collected Service Data to the Lenovo Case.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3067I The Lenovo Call Home has successfully uploaded Service Data to case {0}.**

**Explanation**

The Lenovo Call Home has uploaded collected Service Data to the Lenovo Case.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMSS3068J The Lenovo Call Home has failed to upload Service Data to case {0}.**

**Explanation**  
The Lenovo Call Home failed to upload collected Service Data to the Lenovo Case.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMSS3069J The Lenovo Call Home has failed to upload Service Data because Lenovo case could not be created.**

**Explanation**  
The Lenovo Call Home failed to upload collected Service Data because the Lenovo Case has not been created.

**Severity**  
Warning

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMSS3070I User {0} at IP Address {1} started a Lenovo Call Home Pass Through.**

**Explanation**  
User has started a Lenovo Call Home Pass Through.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXHMSS3071I User {0} at IP Address {1} started a Lenovo Call Home Pass Through Test.**

**Explanation**

User has started a Lenovo Call Home Pass Through Test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3072J A Lenovo Call Home Pass Through Test has failed. The case could not be created.**

**Explanation**

The management server could not complete a Lenovo Call Home Pass Through Test.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3073J A Lenovo Call Home Pass Through has failed. The case could not be created.**

**Explanation**

The management server could not complete a Lenovo Call Home Pass Through.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3074I A Lenovo Call Home Pass Through Test has successfully completed. The case number is {0}.**

**Explanation**

The management server has successfully completed a Lenovo Call Home Pass Through Test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.



- **FQXHMSS3075I A Lenovo Call Home Pass Through has successfully completed. The case number is {0}.**

**Explanation**

The management server has successfully completed a Lenovo Call Home Pass Through.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3076I Management Server will execute Call Home for the serviceable event {0} for device {1}.**

**Explanation**

Management Server will start execution of Call Home for the received serviceable event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3077I Management Server will not execute Call Home for the serviceable event {0} for device {1} because there is no forwarder to match device.**

**Explanation**

Management Server will not attempt to execute Call Home for the received serviceable event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS3078I Management Server will not execute Call Home for the serviceable event {0} for device {1} because there is already a ticket opened for this event and device.**

**Explanation**

Management Server will not attempt to execute Call Home for the received serviceable event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4001I Internal service {0} terminated unexpectedly, and it has been restarted. Debug data on the termination has been collected and stored at {1}.**

**Explanation**

The specified service has been restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4002F Internal service {0} terminated unexpectedly, and the VM will be restarted. Debug data on the termination has been collected and stored at {1}.**

**Explanation**

The specified service will be restarted when the system restart completes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4003F Internal service {0} terminated unexpectedly, and it could not be restarted. Debug data on the termination has been collected and stored at {1}.**

**Explanation**

The specified service could not be restarted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4004F Internal service {0} terminated unexpectedly, and it will not be recovered. Debug data on the termination has been collected and stored at {1}.**

**Explanation**

The specified service could not be recovered.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4005F Internal service {0} terminated unexpectedly, and it could not to be restarted. As a result, the VM will be rebooted. Debug data on the termination has been collected and stored at {1}.**

**Explanation**

The specified service could not be restarted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4011I Internal service {0} terminated unexpectedly, and it has now been restarted. No debug data was collected.**

**Explanation**

The specified service has been restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4012F Internal service {0} terminated unexpectedly, and the VM will be restarted. No debug data was collected.**

**Explanation**

The specified service will be restarted when the system restart completes.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4013F Internal service {0} terminated unexpectedly, and it could not be restarted. No debug data was collected.**

**Explanation**

The specified service could not be restarted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4014F Internal service {0} terminated unexpectedly, and will not be recovered. No debug data was collected.**

**Explanation**

The specified service could not be recovered.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4015F Internal service {0} terminated unexpectedly, and it could not be restarted. As a result, the VM will be rebooted. No debug data was collected.**

**Explanation**

The specified service could not be restarted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXHMSS4016I An IBM Manual Call Home has successfully completed. The problem record number is {0}.**

**Explanation**

The management server has successfully completed an IBM Manual Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4017I An IBM Call Home Test has successfully completed. The problem record number is {0}.**

**Explanation**

The management server has successfully completed an IBM Call Home Test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4018I A Call Home has successfully completed. The ticket number is {0}.**

**Explanation**

The management server has successfully completed a Call Home.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4019I An IBM Call Home Connection Test has successfully completed. The problem record number is {0}.**

**Explanation**

The management server has successfully completed an IBM Call Home Connection Test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4020J A Manual Call Home has failed. The ticket could not be created.**

**Explanation**

The management server could not complete a Manual Call Home.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4021J A Call Home Test has failed. The ticket could not be created.**

**Explanation**

The management server could not complete a Call Home Test.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4022J A Call Home has failed. The ticket could not be created.**

**Explanation**

The management server could not complete a Call Home.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4023J A Call Home Connection Test has failed. The ticket could not be created.**

**Explanation**

The management server could not complete a Call Home Connection Test.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4024J The country has been successfully changed.**

**Explanation**

The country has been successfully changed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS4025J The country could not be changed.**

**Explanation**

An error occurred while changing the country.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5048I User {0} at IP address {1} tried to enable Call Home, but a test must be done before. The test was launched.**

**Explanation**

In order to enable Call Home, the server must do a Call Home test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5049I The Call Home test ended successfully.**

**Explanation**

The Call Home test ended successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5050J The Call Home test ended unsuccessfully.**

**Explanation**

The Call Home test ended unsuccessfully.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that the contact data is valid.

- **FQXHMSS5051I Call Home test was launched successfully.**

**Explanation**

The Call Home test was launched successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5052I Call Home test generated by user {0} at IP address {1} ended successfully.**

**Explanation**

The Call Home test generated by the user ended successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5053J Call Home test generated by user {0} at IP address {1} ended unsuccessfully.**

**Explanation**

The Call Home test generated by the user ended unsuccessfully.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please confirm that you have an internet connection and that the contact data is valid.

- **FQXHMSS5054I User {0} at IP address {1} has successfully deleted problem record {2}.**

**Explanation**

User has deleted a problem record.



**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5055I User {0} at IP address {1} has successfully deleted all the problem records.**

**Explanation**

User has deleted all problem records.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5056I User {0} at IP address {1} has successfully changed the state of the auto dumping mechanism from {2} to {3}.**

**Explanation**

The state of the auto dumping mechanism changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5057I User {0} at IP address {1} has successfully changed the state of the file tracing mechanism from {2} to {3}.**

**Explanation**

The state of the file tracing mechanism changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5058I User {0} at IP address {1} has successfully changed the Call Home number of retries from {2} to {3}.**

**Explanation**

The number of retries of the Call Home changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5059I User {0} at IP address {1} has successfully changed the Call Home timeout between retries from {2} to {3}.**

**Explanation**

The timeout between the retries of the Call Home changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5060I User {0} at IP address {1} has successfully changed the Call Home file verification mode from {2} to {3}.**

**Explanation**

The file verification mode has been changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5061I Call Home event with ID {0} from component {1} has been added to the Call Home Processing queue.**

**Explanation**

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5063I Call Home event with ID {0} from component {1} is being processed by the server Call Home task.**

**Explanation**

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5065I Call Home event with ID {0} from component {1} was suppressed. Call Home aborted.**

**Explanation**

No Call Home is necessary in this situation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5067J Call Home event with ID {0} from component {1} failed to be called home. Remaining retries {2}.**

**Explanation**

The Service Center has not been notified of this event.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please check your connectivity. The request will be automatically retried.

- **FQXHMSS5069I Call Home event with ID {0} from component {1} has successfully been called home. The associated ticket number is {2}.**

**Explanation**

A problem report has been opened for the Service Center.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5071I Call Home event with ID {0} from component {1} will not be called home because the server Call Home function is disabled.**

**Explanation**

The Call Home function must be configured and enabled in order for Call Home to function.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5073I Call Home event with ID {0} from component {1} will be removed from the Call Home queue because the Call Home function is disabled now.**

**Explanation**

The Call Home function must be configured and enabled in order for Call Home to function.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5075J Call Home event with ID {0} from component {1} failed to call home. There are no more remaining retries, so this function is aborting.**

**Explanation**

The Service Center has not been notified of this event.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Since the Call Home function did not automatically open a ticket, it is recommended that you call the Service Center to open the ticket.

- **FQXHMSS5077J For Call Home event with ID {0} from component {1}, there was a failure when attaching service data to ticket number {2}. The number of remaining retries left is {3}.**

**Explanation**

Although the ticket was open, Service Data data could not be uploaded to the Support Center.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the IBM Support Center. Retries will be done automatically.

- **FQXHMSS5079J For Call Home event with ID {0} from component {1}, there was a failure when attaching additional service data files to ticket number {2}. The number of remaining retries left is {3}.**

**Explanation**

For a previously opened ticket, additional Service Data could not be submitted.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check your connectivity to the IBM Support Center. Retries will be done automatically.

- **FQXHMSS5081I Call Home event with ID {0} from component {1} is being processed by the server Call Home task. The process is attaching the collected endpoint service data to ticket number {2}.**

**Explanation**

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5083I Call Home event with ID {0} from component {1} is being processed by the server Call Home task. The process is attaching additional files to problem number {2}.**

**Explanation**

Call Home processing (ticket creation and Service Data collection) has been initiated for this event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5085I The collected endpoint service data has been successfully attached to ticket number {0}.**

**Explanation**

The ticket now has the associated Service Data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5086I The additional file(s) have been successfully attached to ticket number {0}.**

**Explanation**

The ticket now has the associated Service Data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5089I Call Home test generated by user {0} at IP address {1} was launched successfully.**

**Explanation**

The Call Home test was launched successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5090I User {0} at IP address {1} enabled Call Home.**

**Explanation**

The Call Home was enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5091I User {0} at IP address {1} disabled Call Home.**

**Explanation**

The Call Home was disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5092I The server suppressed Call Home call for event {0} generated on system {1}.**

**Explanation**

Server suppressed Call Home call for the specified event because the system already generated the same call with the same id and the opened Problem Number is still active.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5093I Collecting the Service Data archive generated by event with ID {0} from endpoint {1} finished successfully.**

**Explanation**

The Service Data archive was collected successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5094J Collecting the Service Data archive generated by event with ID {0} from endpoint {1} failed.**

**Explanation**

Collecting the Service Data archive from endpoint failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please verify the server connection to the endpoint.

- **FQXHMSS5095J Saving the collected Service Data archive generated by event with ID {0} from endpoint {1} inside the server failed.**

**Explanation**

Saving the collected Service Data archive inside the server failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please make sure there is enough space in the server's hard drive and retry.

- **FQXHMSS5096J Uploading the collected endpoint Service Data archive to Problem Number with ID {0} failed.**

**Explanation**

Uploading the collected Service Data archive to the opened Problem Number has failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the support center to determine how to transfer the Service Data archive to them.

- **FQXHMSS5097J Uploading additional Service Data archive(s) to Problem Number with ID {0} failed.**

**Explanation**

Uploading additional Service Data archive to the opened Problem Number has failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact the support center to determine how to transfer the Service Data archive to them.

- **FQXHMSS5098I Call Home eCC Call.**



**Explanation**

This is a eCC Call.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5099I Call Home eCC Test Call.**

**Explanation**

This is a eCC Test Call.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5100I Events with event code {0} generated from system {1} will be suppressed from Service Data data auto-collect and Service Forwarding processing for {2} hours.**

**Explanation**

The management server detected that the same event is frequently being surfaced for the same endpoint. The suppression is being done to prevent unnecessary processing to collect Service Data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5101I Event {0} received from system {1} was not called home.**

**Explanation**

This event was not called home because the required identification data could not be retrieved from the component.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5103I Test Event for Service Fowarder {0} generated by user {1} at ip address {2}.**

**Explanation**

The event represents a test to validate the configuration of the service fowarder.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5104I The warranty for {0} with the UUID {1} will expire in less than {2} days.**

**Explanation**

This is a warranty related notification.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5105I The warranty for {0} with the UUID {1} is expired.**

**Explanation**

This is a warranty related notification.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5106I An event was received from an endpoint that is not currently managed, at IP address {0}. This event has been ignored.**

**Explanation**

This event will only be logged once per 24-hour period for a specific IP address.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5107I The management server detected duplicate files.**

**Explanation**

During a management server update, duplicate files were installed, which may cause issues.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5108I Call Home and all other active serviceability functions for event {0} from system {1} were suppressed because the event matches one of the excluded events.**

**Explanation**

The Call Home service and all other active serviceability functions were suppressed due to the event being included in the excluded events and the option to abort the serviceability functions for excluded events is activated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5109I The user {0} from IP address {1} has successfully enabled the option to suppress service forwarders for excluded events.**

**Explanation**

The user modified the excluded events option for the serviceability functions.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5110I The user {0} from IP address {1} has successfully disabled the option to suppress service forwarders for excluded events.**

**Explanation**

The user modified the excluded events option for the serviceability functions.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5111I The request from user {0} from IP address {1} to enable the option to suppress service forwarders for excluded events was not successful.**

**Explanation**

The user modified the excluded events option for the serviceability functions.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5112I The request from user {0} from IP address {1} to disable the option to suppress service forwarders for excluded events was not successful.**

**Explanation**

The user modified the excluded events option for the serviceability functions.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5113I User {0} from IP address {1} has enabled the IP Duplication check service.**

**Explanation**

The user enabled the IP Duplication check service.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5114I User {0} from IP address {1} has disabled the IP Duplication check service.**

**Explanation**

The user disabled the IP Duplication check service.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMS5115I User {0} from IP address {1} enabled the SSD Life Check Service.**

**Explanation**

The SSD Life Check Service is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMS5116I User {0} from IP address {1} disabled the SSD Life Check Service.**

**Explanation**

The SSD Life Check Service is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMS5117I User {0} from IP address {1} changed the warning threshold level for checking the remaining life of SDDs from {2} to {3}.**

**Explanation**

The warning threshold level for checking the remaining life of SDDs was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5118I User {0} from IP address {1} changed the error threshold level for checking the remaining life of SDDs from {2} to {3}.**

**Explanation**

The error threshold level for checking the remaining life of SDDs was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMSS5119I The warranty period was set successfully to : {0} days.**

**Explanation**

This is a warranty related notification.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP1105I Update setting {0} was updated from {1} to {2} by user {3}.**

**Explanation**

Update settings by user

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP2301I New devices were added to firmware Updates Inventory. {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP2302I Some devices were removed from the firmware Updates Inventory. {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP2303I Some components were added to the firmware Updates Inventory. {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP2304I Some components were removed from the firmware Updates Inventory. {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP2305I The firmware updates inventory has changed. {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP2306I The driver updates inventory has changed. {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP3100I New compliance data detected. {0}.**

**Explanation**

Changes were detected in the inventory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP3101J The firmware installed on this system is non-compliant.**

**Explanation**

Installed firmware on this device does not meet the requirements of the assigned compliance policy.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update this device to compliant firmware levels.

- **FQXHMUP4003I Firmware Updates were started on system {0} by user {1}.**

**Explanation**

Firmware Updates were started on a system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Information only; no action is required.

- **FQXHMUP4004I Firmware Updates were started on management server {0} by user {1}.**

**Explanation**

Firmware Updates were started on a management server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP4005I Firmware Updates were started on switch {0} by user {1}.**

**Explanation**

Firmware Updates were started on a switch.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP4006I The firmware was updated on system device {0} by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP4007I The firmware was updated on management server {0} by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP4008I The firmware was updated on switch device {0} by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP4101I Firmware Updates were started on storage {0} by user {1}.**

**Explanation**

A user has initiated a firmware update on a storage device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP4102I The firmware was updated on storage {0} by user {1}.**

**Explanation**

The firmware update initiated by a user has completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP6010I The packages have been downloaded: {0} by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP6020I The packages have been imported: {0} by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP6021I The packages have been imported: {0}; The packages have been discarded: {1} by user {2}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP6022I The packages have been discarded: {0} by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP6030I The packages have been deleted: {0} by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP6101I The package {0} has been applied by user {1}.**

**Explanation**

No message description available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMUP6101J The request to update the application by user {0} failed with return code {1}.**

**Explanation**

No message description available.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Try again. If multiple failures occurred, contact Lenovo Support.

- **FQXHMUP6102J The request to update the application by user {0} failed with return code {1}.**

**Explanation**

No message description available.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0001K Bootx64.efi is not found. Failed to Boot OS.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Retry to boot OS.

- **FQXPMCL0002K Failed to read Deployment Manager Signature from USB.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure proper operation of the virtual USB connection.\n2) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n3) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n4) Retry the cloning function.

- **FQXPMCL0003K BMC communication failed: DRIVER Mount Failure.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Verify proper operation of the virtual USB connection.\n2) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n3) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n4) Retry the cloning function.

- **FQXPMCL0004K BMC communication succeeded. Volume Name MISMATCHED.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Retry the cloning function.

- **FQXPMCL0005I Start to install OS.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0005K Current System Boot Mode is Legacy. OS Clone only support UEFI Mode.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Change Boot mode to UEFI mode (UEFI Setup → Boot Manager → Boot Modes → System Boot Mode and select UEFI Mode.)\n2) Retry the cloning function.

- **FQXPMCL0006I Export raid config successfully.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0006K Failed to export raid config.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Check the following Lenovo support site for information on supported RAID adapters.[http:](http://)

- **FQXPMCL0007I Import raid config successfully.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0007K Failed to import raid config.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Check the following Lenovo support site for information on supported RAID adapters.[http:](http://)

- **FQXPMCL0008I Export uefi settings successfully.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0008K Failed to export uefi settings.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure proper connection to USB/network drive and retry to export uEFI setting.\n2) Reboot and try the uEFI setting export again.\n3) If the error still occurs, contact service to support.

- **FQXPMCL0009I Import uefi settings successfully.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0009K Failed to import uefi settings.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure proper connection to USB/network drive and retry the uEFI setting import.\n2) Ensure that same system model type to import the uEFI setting and UEFI version should be the same.\n3) Reboot and try the cloning again.\n4) If the error still occurs, contact service to support.

- **FQXPMCL0010I Export bmc settings successfully.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0010K Failed to export bmc settings.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Retry to export BMC setting.\n4) If the error still occurs, contact service to support.

- **FQXPMCL0011I Import bmc settings successfully.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMCL0011K Failed import bmc settings.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure BMC version is the same.\n2) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n3) Perform AC reset.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n4) Retry to import BMC setting.\n5) If the error still occurs, contact service to support.

- **FQXPMEM0001M Unable to locate LXPM firmware image**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before

power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMEM0002I LXPM firmware image found. Starting LXPM**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMEM0003I LXPM has exited. Control returned to UEFI**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMEM0004I Launching diagnostic program**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMEM0005I boot diagnostic program success**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMEM0006M Unable to locate diagnostic firmware image**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMEM0007M Diagnostic image cannot be launched as "Console Redirection" is enabled**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Disable "Configure Console Redirection" in UEFI Setup.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMEM0008M Diagnostic image cannot be launched as the image may be corrupt**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Update LXPM image to the latest level via BMC webUI\n2) If the error still occurs, contact service to support.

- **FQXPMEM0009M Unexpected error occur**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMNM0001G Failed to set new BMC network parameters.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure input parameters are correct.\n2) Wait one minute and retry the setting.\n3) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n4) Retry the setting.\n5) Use UEFI setup to set parameters (optional).

- **FQXPMNM0002I Set BMC network parameters to new values.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0001K Bootx64.efi is not found. Failed to Boot OS.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel and retry the OS booting.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Retry OS booting.

- **FQXPMOS0002K Failed to read Deployment Manager Signature from USB.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure proper operation of the virtual USB connection.\n2) Restart BMC via BMC setting under uEFI setup on LXPM left panel and retry OS deployment.\n3) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n4) Retry OS deployment.

- **FQXPMOS0003K Failed to copy Windows boot files to target**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure proper operation of the virtual USB connection.\n2) Restart BMC via BMC setting under uEFI setup on LXPM left panel and retry the OS deployment.\n3) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n4) Retry OS deployment.

- **FQXPMOS0004K BMC Communication Failed: EMMC2USB Mount Failure.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel and retry the OS deployment.  
\n2) Perform AC reset if the problem still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.  
\n3) Retry OS deployment.

- **FQXPMOS0005K BMC communication failed: DRIVER Mount Failure.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure proper operation of the virtual USB connection.\n2) Restart BMC via BMC setting under uEFI setup on LXPM left panel and retry the OS deployment.\n3) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n4) Retry OS deployment.

- **FQXPMOS0006K BMC communication succeeded. Volume Name MISMATCHED.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel and retry the OS deployment.  
\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Retry OS deployment.

- **FQXPMOS0007K Failed to read License RTF file.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel and retry the OS deployment.  
\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Retry OS deployment.

- **FQXPMOS0008K Please make sure the Ethernet cable has been plugged into your computer and your network settings are correct.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure proper operation of SMB/CIFS and NFS communications (make sure the Ethernet cable has been plugged and network settings are correct.).\n2) Retry CIFS and NFS installation.

- **FQXPMOS0009K Current System Boot Mode is Legacy. LXPM OS installation only support UEFI Mode.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Change boot mode to UEFI mode via Boot Mode on right panel on Getting Started interface.\n2) Retry OS deployment.

- **FQXPMOS0010I Red Hat RHEL 7.3 (64-bit) OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0011I Red Hat RHEL 6.9 (64-bit) OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0012I SLES 12 for AMD64 and Intel64 Service Pack 2 OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0013I SLES 11 for AMD64 and Intel64 Service Pack 4 OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0014I Windows Server 2012 R2 SERVERWINFOUNDATION OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMS0015I Windows Server 2012 R2 SERVERSTANDARD OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMS0016I Windows Server 2012 R2 SERVERDATACENTER OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMS0017I Windows Server 2012 R2 SERVERSOLUTION OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMS0018I Windows Server 2012 R2 SERVERSTORAGESTANDARD OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0019I Hyper-V Server 2012 R2 SERVERHYPERCORE OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0020I Hyper-V Server 2016 SERVERHYPERCORE OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0021I Windows Server 2016 SERVERSOLUTION OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0022I Windows Server 2016 SERVERSTANDARD OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0023I Windows Server 2016 SERVERDATACENTER OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0024I Windows Server 2016 SERVERSTORAGESTANDARD OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0025I Windows Server 2016 SERVERSTORAGEWORKGROUP OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0026I Vmware ESXi 6.5 U1 OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMOS0027I Vmware ESXi 6.0 U3 OS installed**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMRS0011K Failed to change disk drives' state.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure LXPM and RAID adapter firmware are at the latest levels.\n2) Ensure the state of the RAID adapter and disk drives are both normal.\n3) Verify proper physical connection of the disk drive and RAID adapter.\n4) Reboot the machine and retry to change disk drives' state.\n5) If the error still occurs, contact service to support.

- **FQXPMSD0001M HDD Test was interrupted by the host with a hardware or software reset**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the proper connection of hard drives, RAID card, backplane, and all related cables.\n2) Ensure device firmware is at the latest level.\n3) Retry the test.\n4) If the error still occurs, contact service to support.

- **FQXPMSD0002M A fatal error or unknown test error occurred while the device was executing its self-test**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the proper connection of hard drives, RAID card, backplane, and all related cables.\n2) Ensure device firmware is at the latest level.\n3) Retry the test.\n4) If the error still occurs, contact service to support.

- **FQXPMSD0003M self-test completed having a test element that failed and the test element that failed is not known.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the proper connection of hard drives, RAID card, backplane, and all related cables.\n2) Ensure device firmware is at the latest level.\n3) Retry the test.\n4) If the error still occurs, contact service to support.

- **FQXPMSD0004M self-test completed having the electrical element of the test failed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the proper connection of hard drives, RAID card, backplane, and all related cables.\n2) Ensure device firmware is at the latest level.\n3) Retry the test.\n4) If the error still occurs, contact service to support.

- **FQXPMSD0005M self-test completed having the servo (and/or seek) test element of the test failed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the proper connection of hard drives, RAID card, backplane, and all related cables.\n2) Ensure device firmware is at the latest level.\n3) Retry the test.\n4) If the error still occurs, contact service to support.

- **FQXPMSD0006M self-test completed having the read element of the test failed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the proper connection of hard drives, RAID card, backplane, and all related cables.\n2) Ensure device firmware is at the latest level.\n3) Retry the test.\n4) If the error still occurs, contact service to support.

- **FQXPMSD0007M Hard Drive(s) not found**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the proper connection of hard drives, RAID card, backplane, and all related cables.\n2) Ensure device firmware is at the latest level.\n3) Retry the test.\n4) If the error still occurs, contact service to support.

- **FQXPMSD0008M UEFI is not ready for LXPM to send command to test hard drive.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Please run the test again later.\n2) If this message is still reported, please run the latest version of SMART tool on OS which is open source tool and could be downloaded from website to check hard drive status.

- **FQXPMSD0009M Device error is occurred when LXPM send command to test hard drive.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Please run the test again later.\n2) If this message is still reported, please run the latest version of SMART tool on OS which is open source tool and could be downloaded from website to check hard drive status.

- **FQXPMSD0010M uEFI is timeout while LXPM send command to test hard drive.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Please run the test again later.\n2) If this message is still reported, please run the latest version of SMART tool on OS which is open source tool and could be downloaded from website to check hard drive status.

- **FQXPMSD0011M The hard drive is not supported by uEFI while LXPM send command to test hard drive.**

**Explanation**

The following events can be generated by the Lenovo XClarity Provisioning Manager.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please check hard drive specification to see if the hard drive support ATA self-test feature.

- **FQXPMSR0001K Found unsupported RAID adapter.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Check the following Lenovo support site for information on supported RAID adapters.[http:](http://)

- **FQXPMSR0012I Change disk drives' state successfully.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMSR0021L Failed to create new virtual disk.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

1) Ensure LXPM and RAID adapter firmware are at the latest levels.\n2) Ensure the state of RAID adapter and disk drives are both normal.\n3) Verify proper physical connection of the disk drive and RAID adapter.\n4) Reboot the machine and retry to create new virtual disk.\n5) If the error still occurs, contact service to support.

- **FQXPMSR0022I Create new virtual disk successfully.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMSR0031L Failed to remove existing virtual disk**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure LXPM and RAID adapter firmware are at the latest levels.\n2) Ensure the state of RAID adapter and disk drives are both normal.\n3) Verify proper physical connection of the disk drive and RAID adapter.\n4) Reboot the machine and retry to remove the existing virtual disk.\n5) If the error still occurs, contact service to support.

- **FQXPMSR0032I Removed existing virtual disk successfully.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMUP0001K The system configuration does not meet the prerequisite**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Follow prompts to update the firmware and retry the update.\n2) If the error still occurs, contact service to support.

- **FQXPMUP0002K The selected packages are not compatible**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Follow prompts to update each individual firmware package.\n2) If the error still occurs, contact service to support.

- **FQXPMUP0003K Unable to obtain the minimum level of UEFI**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMUP0004K Unable to obtain the installed version of UEFI**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMUP0005K Unable to obtain the installed version of BMC**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMUP0006K Unable to obtain the installed version of LXPM**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the problem still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMUP0007K Unable to obtain the installed version of linux driver**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMUP0008K Unable to obtain the installed version of windows driver**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMUP0101I Start to update LXPM**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMUP0102I Start to update window driver**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMUP0103I Start to update linux driver**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMUP0104I Start to update UEFI**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMUP0105I Start to update BMC**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMUP0106I Successful to update the firmware**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMUP0201M BMC communication failed: EMMC2USB mount failure. Failed to update the firmware**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Use other Lenovo tools to perform the update (ex. XClarity Administrator, XClarity Controller, or the OneCLI utility).\n4) If the error still occurs, contact service to support.

- **FQXPMUP0202M Transfer the update package error. Failed to update the firmware**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the update package is undamaged and retry the update.\n2) Ensure proper connection to USB/network drive and retry the update.\n3) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n4) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n5) Use other Lenovo tools to perform the update (ex. XClarity Administrator, XClarity Controller, or the OneCLI utility).\n6) If the error still occurs, contact service to support.

- **FQXPMUP0203M BMC communication failed: EMMC2USB unmount failure. Failed to update the firmware**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart the BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist\n\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Use other Lenovo tools to perform the update (ex. XClarity Administrator, XClarity Controller, or the OneCLI utility).\n4) If the error still occurs, contact service to support.

- **FQXPMUP0204M BMC communication failed: Execute the update cmd failure. Failed to update the firmware**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error exist exist.\n\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Use other Lenovo tools to perform the update (ex. XClarity Administrator, XClarity Controller, or the OneCLI utility).\n4) If the error still occurs, contact service to support.

- **FQXPMUP0205M BMC communication failed: Get the update status failure.Failed to update the firmware**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\n\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) Use other Lenovo tools to perform the update (ex. XClarity Administrator, XClarity Controller, or the OneCLI utility).\n4) If the error still occurs, contact service to support.

- **FQXPMUP0206M The level of the update package is too old. Failed to update the firmware.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Follow prompts to select a newer version of the update package and retry the update.\n2) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n3) Perform AC reset if the error still exist.\n\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n4) Use other Lenovo tools to perform the update (ex. XClarity Administrator, XClarity Controller, or the OneCLI utility).\n5) If the error still occurs, contact service to support.

- **FQXPMUP0207M The update package is invalid. Failed to update the firmware.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Ensure the update package is undamaged and retry the update.\n2) Ensure proper connection to USB/network drive and retry the update.\n3) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n4) Perform AC reset.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n5) Use other Lenovo tools to perform the update (ex. XClarity Administrator, XClarity Controller, or the OneCLI utility).\n6) If the error still occurs, contact service to support.

- **FQXPMUP0208M Failed to execute reboot BMC command**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Restart BMC via BMC setting under uEFI setup on LXPM left panel.\n2) Perform AC reset if the error still exist.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.



- **FQXPMVD0001H Failed to get VPD data.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Press "Back" button and press "Update VPD..." button again.\n2) Perform AC reset if step 1 failed.\n\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMVD0002H Failed to update the VPD data.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Press "Update" button on VPD update page.\n2) Perform AC reset if step 1 failed.\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMVD0003I Update VPD data successfully.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXPMVD0011K Failed to get the TPM/TPM card/TCM policy status**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Press "Back" button and press "Update VPD..." button again.\n2) Perform AC reset if step 1 failed.\n\nNote:\n When performing AC reset, after power off AC, wait several seconds before power on AC. After AC power is restored, power on the host system.\n3) If the error still occurs, contact service to support.

- **FQXPMVD0012K Failed to set the TPM/TPM card/TCM policy**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Press "Apply" button on VPD update page.\n2) Reboot the system if step 1 failed.\n3) If the error still occurs, contact service to support.

- **FQXSFDD0001G DRIVER HEALTH PROTOCOL: Missing Configuration. Requires Change Settings From F1.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Go to F1 Setup andgt; System Settings andgt; Settings andgt; Driver Health Status List and find a driver/controller reporting Configuration Required status.\n2) Search for the driver menu from System Settings and change settings appropriately.\n3) Save settings and restart system.

- **FQXSFDD0001I DRIVER HEALTH PROTOCOL: Missing Configuration. Requires Change Settings From F1.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSFDD0002M DRIVER HEALTH PROTOCOL: Reports 'Failed' Status Controller.**

**Explanation**  
UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Complete the following steps:\n1) Reboot the system.\n2) If problem persists, reflash the adapter firmware.

- **FQXSFDD0003I DRIVER HEALTH PROTOCOL: Reports 'Reboot' Required Controller.**

**Explanation**  
UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSFDD0004M DRIVER HEALTH PROTOCOL: Reports 'System Shutdown' Required Controller.**

**Explanation**  
UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Complete the following steps:\n1) Reboot the system.\n2) If problem persists, reflash the adapter firmware.

- **FQXSFDD0005M DRIVER HEALTH PROTOCOL: Disconnect Controller Failed. Requires 'Reboot'.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Reboot the system to reconnect the controller.\n2) If problem persists, reflash the adapter firmware.

- **FQXSFDD0006M DRIVER HEALTH PROTOCOL: Reports Invalid Health Status Driver.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Reboot the system.\n2) If problem persists, reflash the adapter firmware.

- **FQXSFDD0007G Security Key Lifecycle Manager (SKLM) IPMI Error.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable service bulletin or UEFI firmware update that applies to this error\n2) Reboot system. If problem persists escalate to the next level of support.

- **FQXSFIO0005M An intra-board UPI failure has been detected on the link between processor {0} port {1} and processor {2} port {3}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n2) If the problem persists, collect Service Data logs.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFI0006M An inter-board UPI failure has been detected on the link between processor {0} port {1} and processor {2} port {3}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n2) Inspect processor socket for foreign debris or damage. If debris is found remove debris.\n3) If error recurs, or socket damage is found, replace the system board.

- **FQXSFI0007M An error has been detected by the IIO on Bus {0}. The value of Global Fatal Error Status register is {1}. The value of Global Non-Fatal Error Status register is {2}. Please check error logs for additional downstream device error data, the physical slot number is {3}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable service bulletin or firmware update for the system or adapter that applies to this error.\n2) If the problem persists, collect Service Data logs.\n3) Contact Lenovo Support.

- **FQXSFI0008M An intra-board UPI dynamic link width reduction has been detected on the link between processor {0} port {1} and processor {2} port {3}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reboot system. If problem persists escalate to the next level of support.

- **FQXSFIO0009M An inter-board UPI dynamic link width reduction has been detected on the link between processor {0} port {1} and processor {2} port {3}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reboot system. If problem persists escalate to the next level of support.

- **FQXSFIO0010M An Uncorrectable PCIe Error has Occurred at Bus {0} Device {1} Function {2}. The Vendor ID for the device is {3} and the Device ID is {4}. The Physical slot number is {5}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable device driver, firmware update, version of service information for this product or other information that applies to this error. Load new device driver and any required firmware updates.\n2) If this node and/or any attached cables were recently installed, moved, serviced or upgraded.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFIO0011M A PCIe parity error has occurred on Bus {0} Device {1} Function {2}. The Vendor ID for the device is {3} and the Device ID is {4}. The Physical slot number is {5}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable device driver, firmware update, version of service information for this product or other information that applies to this error. Load new device driver and any required firmware updates.\n2) If this node and/or any attached cables were recently installed, moved, serviced or upgraded.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFI0012M A PCIe system error has occurred on Bus {0} Device {1} Function {2}. The Vendor ID for the device is {3} and the Device ID is {4}. The Physical slot number is {5}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable device driver, firmware update, version of service information for this product or other information that applies to this error. Load new device driver and any required firmware updates.\n2) If this node and/or any attached cables were recently installed, moved, serviced or upgraded.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFI0013I The device found at Bus {0} Device {1} Function {2} could not be configured due to resource constraints. The Vendor ID for the device is {3} and the Device ID is {4}. The physical slot number is {5}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFIO0014J A bad option ROM checksum was detected for the device found at Bus {0} Device {1} Function {2}. The Vendor ID for the device is {3} and the Device ID is {4}. The physical slot number is {5}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If this PCIe device and/or any attached cables were recently installed, moved, serviced or upgraded, reseal adapter and any attached cables.\n2) Move adapter to a different system slot, if available.\n3) Check Lenovo support site for any applicable service bulletin or UEFI or adapter firmware update that applies to this error. NOTE: It may be necessary to configure slot to Gen1 or to use special utility software so that adapter firmware can be upgraded. Gen1/Gen2 settings can be configured via F1 Setup -andgt; System Settings -andgt; Devices and I/O Ports -andgt; PCIe Gen1/Gen2/Gen3 Speed Selection, or the OneCLI utility.\n4) Replace adapter.

- **FQXSFIO0015I IFM: System reset performed to reset adapters.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFIO0016M IFM: Reset loop avoided - Multiple resets not allowed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Update all firmware (including adapter firmware) to the latest levels.\n2) If problem persists escalate to the next level of support.

- **FQXSFIO0017M IFM: Error communicating with the BMC - IFM may not be deployed correctly.**



**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Update all firmware (including adapter firmware) to the latest levels.\n2) If problem persists escalate to the next level of support.

- **FQXSFI00018I IFM: Configuration too large for compatibility mode.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFI00019J PCIe Resource Conflict {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) If this PCIe device and/or any attached cables were recently installed, moved, serviced or upgraded, reseal the adapter and any attached cables.\n2) Move the adapter to a different system slot, if available.\n3) Check Lenovo support site for any applicable service bulletin or UEFI or adapter firmware update that applies to this error. NOTE: It may be necessary to configure slot to Gen1 or to use special utility software so that adapter firmware can be upgraded. Gen1/Gen2 settings can be configured via F1 Setup -andgt; System Settings -andgt; Devices and I/O Ports -andgt; PCIe Gen1/Gen2/Gen3 Speed Selection, or the OneCLI utility.\n4) Replace the PCIe device.

- **FQXSFI00020J PCIe Isolation has occurred in PCIe slot {0}. The adapter may not operate correctly.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check the log for a separate error related to an associated PCIe device and resolve that error.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update for the system or adapter that applies to this error.\n3) If problem persists, move the adapter to a different slot. If a slot is not available or error recurs, replace the adapter.\n4) If the adapter was moved to a different slot and the error did not recur, verify that this is not a system limitation. Then replace the system board. Also, if this is not the initial installation and the error persists after adapter replacement, replace the system board.

- **FQXSFIO0021J PCIe LER has occurred in PCIe slot {0}. The adapter may not operate correctly.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check the log for a separate error related to an associated PCIe device and resolve that error.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update for the system or adapter that applies to this error.\n3) If problem persists, move the adapter to a different slot. If a slot is not available or error recurs, replace the adapter.\n4) If the adapter was moved to a different slot and the error did not recur, verify that this is not a system limitation. Then replace the system board. Also, if this is not the initial installation and the error persists after adapter replacement, replace the system board.

- **FQXSFIO0022J PCIe Link Width has degraded from {1} to {2} in PCIe slot {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check the log for a separate error related to an associated PCIe device and resolve that error.\n2) Check the Lenovo support site for an applicable service bulletin or

firmware update for the system or adapter that applies to this error.\n3) If problem persists, move the adapter to a different slot. If a slot is not available or error recurs, replace the adapter.\n4) If the adapter was moved to a different slot and the error did not recur, verify that this is not a system limitation. Then replace the system board. Also, if this is not the initial installation and the error persists after adapter replacement, replace the system board.

- **FQXSFIO0023J PCIe Link Speed has degraded from {1} to {2} in PCIe slot {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check the log for a separate error related to an associated PCIe device and resolve that error.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update for the system or adapter that applies to this error.\n3) If problem persists, move the adapter to a different slot. If a slot is not available or error recurs, replace the adapter.\n4) If the adapter was moved to a different slot and the error did not recur, verify that this is not a system limitation. Then replace the system board. Also, if this is not the initial installation and the error persists after adapter replacement, replace the system board.

- **FQXSFMA0001I DIMM {0} Disable has been recovered. {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0001M DIMM {0} has been disabled due to an error detected during POST. {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reseat the affected DIMM (Note: The event Log might contain a recent FQXSFMA0011I event denoting detected change in DIMM population that could be related to this problem.)\n2) Boot to F1 setup and enable the DIMM (For AMD, do not need to enable DIMM in Setup). Reboot the system.\n3) Update UEFI firmware to the latest version.\n4) If the problem persists, collect Service Data logs\n5) Contact Lenovo Support

- **FQXSFMA0002G The uncorrectable memory error state has been cleared.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Information only no action is required.

- **FQXSFMA0002I The uncorrectable memory error state has been cleared.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0002M An uncorrectable memory error has been detected on DIMM {0} at address {1}. {2}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reseat the affected DIMM (Note: The event Log might contain a recent FQXSFMA0011I event denoting detected change in DIMM population that could be related to this problem.)\n2) Check Lenovo support site for an applicable service bulletin or firmware update

that applies to this memory error.\n3) If problem recurs collect Service Data log\n4) Contact Lenovo Support.

- **FQXSFMA0003K A memory mismatch has been detected. Please verify that the memory configuration is valid. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Boot to uEFI F1 screen and check if any memory DIMM is disabled. Memory could be disabled due to previous uncorrectable Errors or uEFI memory test/training errors.\n2) Verify that the DIMMs are installed in the correct population sequence.\n3) Update UEFI firmware to the latest version.\n4) If the problem persists, collect Service Data logs\n5) Contact Lenovo Support.

- **FQXSFMA0004N No system memory has been detected. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Ensure one or more supported DIMMs are installed in the correct population sequence\n2) If the system has light-path then check for any lit DIMM-connector LEDs, and if found, reseal those DIMMs. Alternatively ( i.e. if light path is not available) the same can be accomplished using XCC GUI.\n3) Swap DIMMs between slots when more than one DIMM is available in the system.\n4) If the DIMMs have been upgraded just prior to the issue than update uEFI using alternate or minimal configuration.\n5) If the problem persists, collect Service Data logs\n6) Contact Lenovo Support.

- **FQXSFMA0005N Memory is present within the system but could not be configured. Please verify that the memory configuration is valid. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Ensure one or more DIMMs are installed in the server.\n2) Resolve existing memory errors if they are present.\n3) If no memory fault is recorded in the logs and no DIMM connector error LEDs are lit, verify that all DIMM connectors are enabled using the Setup utility or the OneCLI utility.\n4) Reseat all DIMMs ensuring that DIMMs are installed in the correct population sequence, according to the service information for this product.\n5) Clear CMOS memory. Note that all firmware settings will revert to the defaults.\n6) Reflash UEFI firmware.\n7) Replace the processor.\n8) Replace the system board.

- **FQXSFMA0006I {0} DIMM {1} has been detected, the DIMM serial number is {2}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0007I {0} DIMM number {1} has been replaced. {2}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0008I DIMM {0} POST memory test failure has been recovered. {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0008M DIMM {0} has failed the POST memory test. {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) If the DIMM configuration was changed prior to this failure verify that the DIMMs are installed in the correct population sequence.\n2) RESEAT the DIMM that failed POST memory test and the DIMMs on adjacent slots if populated. Boot to F1 setup and enable the DIMM. Reboot the system.\n3) If the DIMMs have been upgraded just prior to the issue than update uEFI to the latest version.\n4) If the problem persists, collect Service Data logs.\n5) Contact Lenovo Support.

- **FQXSFMA0009I Invalid memory configuration for Mirror Mode has been recovered. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0009K Invalid memory configuration for Mirror Mode. Please correct memory configuration. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If a DIMM connector error LED is lit, resolve the failure.\n2) Make sure that the DIMM connectors are correctly populated for mirroring mode, according to the service information for this product.

- **FQXSFMA0010I Invalid memory configuration for Sparing Mode has been recovered. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0010K Invalid memory configuration for Sparing Mode. Please correct memory configuration. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Make sure that the DIMM connectors are correctly populated for sparing mode, according to the service information for this product.

- **FQXSFMA0011I Memory population change detected. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0012I The PFA of DIMM {0} has been deasserted.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXSFMA0012L The {0} PFA Threshold limit has been exceeded on DIMM {1} at address {2}. {3}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reseat affected DIMM (Note: The event Log might contain a recent FQXSFMA00111 event denoting detected change in DIMM population that could be related to this problem.)\n2) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this memory error.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFMA0013I Mirror Fail-over complete. DIMM {0} has failed over to to the mirrored copy. {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0014I Memory spare copy initiated. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0015I Memory spare copy has completed successfully. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0016M Memory spare copy failed. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Check system log for related DIMM failures and replace those DIMMs.

- **FQXSFMA0017I DIMM Re-enabled. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0018I DIMM Service Action Detected, Slot Re-Enabled. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0019I System Memory Resized. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0022N All DIMMs have been disabled and the system will be unable to boot until this is corrected.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Check system log for related DIMM failures and replace those DIMMs.

- **FQXSFMA0023M Error has occurred in NVDIMM flash. NVDIMM backup/restore may not operate correctly. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reseat the affected NDIMM, and the DIMM in the adjacent slots if populated.\n2) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this memory error.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFMA0024M Error has occurred in NVDIMM Supercap. NVDIMM backup/restore may not operate correctly. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) If the server has recently been installed, moved, serviced, or upgraded, verify that the DIMM is properly seated and visually verify that there is no foreign material in any DIMM connector on that memory channel.\n2) If no problem is observed on the BBU connectors or the problem persists, Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this memory error\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFMA0025M NVDIMM Supercap has been disconnected. NVDIMM will lose its backup ability until this is corrected. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) If the server has recently been installed, moved, serviced, or upgraded, verify that the DIMM is properly seated and visually verify that there is no foreign material in any BBU connector on that memory channel.\n2) If no problem is observed on the BBU connectors or the problem persists, Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this memory error\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFMA0026I DIMM {0} Self-healing attempt at Rank {1} Sub Rank {2} Bank {3} Row {4} in Device {5}. {6}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0026M DIMM {0} Self-healing attempt {1}. {2}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If the compute node has recently been installed, moved, serviced, or upgraded, verify that the DIMM is properly seated and visually verify that there is no foreign material in any DIMM connector on that memory channel. If either of these conditions is found, correct and retry with the same DIMM. (Note: Event Log may contain a recent FQXSFMA0011I event denoting detected change in DIMM population that could be related to this problem.)\n2) Check Lenovo support site for an applicable firmware update that applies to this memory error. The release notes will list the known problems the update addresses.\n3) If the previous steps do not resolve the problem, at the next maintenance opportunity, replace the affected DIMM (as indicated by LightPath and/or failure log entry).\n4) If error recurs on the same DIMM connector, swap the other DIMMs on the same memory channel one at a time to a different memory channel or processor. If PFA follows a moved DIMM to any DIMM connector on the different memory channel, replace the moved DIMM.\n5) If problem continues to re-occur on the same DIMM connector, inspect DIMM connector for foreign material and remove, if found. If connector is damaged, replace system board.\n6) Remove the affected processor and inspect the processor socket pins for damaged or mis-aligned pins. If damage is found or the processor is an upgrade part, replace the system board.\n7) Replace affected processor.\n8) Replace the system board.

- **FQXSFMA0027K Invalid memory configuration (Unsupported DIMM Population) detected. Please verify memory configuration is valid.{0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) This event could follow an uncorrectable memory error or failed memory test. Check the log and resolve that event first. DIMMs disabled by other errors or actions could cause this event.\n2) Ensure that the DIMM connectors are populated in the correct sequence.

- **FQXSFMA0027M DIMM {0} Self-healing fail at Rank {1} Sub Rank {2} Bank {3} Row {4} in Device {5}. {6}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reseat the affected DIMM (Note: The event Log might contain a recent FQXSFMA0011I event denoting detected change in DIMM population that could be related to this problem.)\n2) Boot to F1 setup and enable the DIMM. Reboot the system.\n3) Update UEFI firmware to the latest version.\n4) If the problem persists, collect Service Data logs.\n5) Contact Lenovo Support.

- **FQXSFMA0028K Memory Capacity exceeds CPU limit. {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Remove AC power from the system.\n2) Modify memory configuration to ensure the memory capacity does not exceed the processor SKU limit.

- **FQXSFMA0028M DIMM {0} Self-healing attempt number over DIMM level threshold {1} at Rank {2} Sub Rank {3} Bank {4} Row {5} in Device {6}. {7}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reseat the affected DIMM (Note: The event Log might contain a recent FQXSFMA0011I event denoting detected change in DIMM population that could be related to this problem.)\n2) Boot to F1 setup and re-enable the DIMM. Reboot the system.\n3) Update UEFI firmware to the latest version.\n4) If the problem persists, collect Service Data logs.\n5) Contact Lenovo Support.

- **FQXSFMA0029I The PFA of DIMM {0} has been deasserted after applying PPR for this DIMM. {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFMA0030K Intel Optane DCPMM DIMM {0} Percentage Remaining is less than {1}% and still functioning.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Backup data.\n2) Check the current Intel Optane DCPMM DIMM health status(Do DCPMM test under LXPM diagnostic page and the generated report file will list DCPMM current situation including health status).

- **FQXSFMA0031K Intel Optane DCPMM DIMM {0} has reached 1% remaining spares block and still functioning.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Backup data.\n2) Check the current Intel Optane DCPMM DIMM health status(Do DCPMM test under LXPM diagnostic page and the generated report file will list DCPMM current situation including health status).

- **FQXSFMA0032M Intel Optane DCPMM DIMM {0} has no remaining spares block.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Backup data.\n2) Collect Service log.\n3) Contact Lenovo Support.

- **FQXSFMA0033M Intel Optane DCPMM persistent memory interleave set has {0} DCPMMs(DIMM {1}), {2} DIMMs' location is not correct.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Collect XCC Service Data.\n2) Power off system.\n3) Refer to system publication for a supported configuration, and install the DCPMMs accordingly.\n4) If the problem remains, contact Lenovo Support.

- **FQXSFMA0034M DIMM {0} (UID: {1}) of Intel Optane DCPMM persistent memory interleave set should be moved to DIMM slot {2} in sequence.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Install the DCPMM to the location as indicated.\n2) If the problem remains, contact Lenovo Support.

- **FQXSFMA0035M Intel Optane DCPMM interleave set should have {0} DCPMMs, but {1} DCPMMs are missing.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Complete the following steps: \n1) Collect XCC Service Data.\n2) Power off system.\n3) Refer to system publication for a supported configuration, and install the DCPMMs accordingly.\n4) If the problem remains, contact Lenovo Support.

- **FQXSFMA0036M DIMM {0} (UID: {1}) of Intel Optane DCPMM persistent memory interleave set is missing.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Find the missed DCPMM with the right UID.\n2) Install the DCPMM to the location as indicated.\n3) If the problem remains, contact Lenovo Support.

- **FQXSFMA0037G Intel Optane DCPMM interleave set (DIMM {0}) is migrated from another system (Platform ID: {1}), these migrated DCPMMs are not supported nor warranted in this system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Remove the DCPMMs and install them back to the original system.\n2) Delete all the filesystems and namespaces in the operating system.\n3) If the DCPMMs are secured with passphrase, disable security.\n4) Perform secure erase on all the DCPMMs, and reboot the system.\n5) Set all the DCPMMs as not interleaved, and reboot the system.\n6) Refer to system publication of target system for a supported DCPMM configuration. Then, remove the DCPMMs and install them to the target system based on this configuration.\n7) Power on the system, and configure the DCPMMs.\n8) If the problem remains, contact Lenovo Support.

- **FQXSFMA0038K All Intel Optane DCPMMs could not be auto unlocked because of no passphrase.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Provision the passphrase for Intel Optane DCPMM auto unlock or unlock DCPMMs in OS with Intel DCPMM tools.\nNote:\n If DCPMMs are not unlocked, system will not see or access the persistent region of DCPMMs.

- **FQXSFMA0039K One or more onboard Intel Optane DCPMMs could not be auto unlocked because of invalid passphrase.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Use OneCLI to check which DCPMM is failed for unlock. Using different passphrases could caused auto unlock failure.\n2) Use UEFI setup page or Intel DCPMM OS tool to unlock the related DCPMM with right passphrase.\n3) in order to avoid this auto unlock failure in next boot, change the passphrase of these DCPMMs in System Setup utility with the scope of "Single DCPMM" under the (System Settings andgt; Intel Optane DCPMMs andgt; Security).\nNote:\n If DCPMMs are not unlocked, system will not see or access the persistent region of DCPMMs.\n4) If the issue is not resolved then contact Lenovo Support

- **FQXSFMA0040K Invalid Intel Optane DCPMM configuration detected. Please verify DCPMM configuration is valid.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check system spec and follow the rules for populating DCPMM in correct order.

- **FQXSFMA0041K Near Memory/Far Memory ratio (1:{0}.{1}) for Intel Optane DCPMM configuration is not in recommended range (1:4 - 1:16).**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that the DCPMM ratio configuration follows the guidance.

- **FQXSFMA0042K Intel Optane DCPMM is not supported by processor of this system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check system spec and make sure DCPMM is supported in this system.

- **FQXSFP0001N An unsupported processor has been detected.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that the Processor is a valid FRU/option that is listed as a Serverproven device for this system. If a non-supported processor is identified, remove that Processor or replace with a supported Processor.\n2) Check Lenovo support site for a firmware update required for this processor and install that update, if applicable.

- **FQXSFP0002N An invalid processor type has been detected.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that the Processor is a valid option that is listed as a Serverproven device for this system. If a non-supported processor is identified, remove that Processor or replace with a supported Processor.\n2) Check Lenovo support site for a firmware update required for this Processor and install that update, if applicable.

- **FQXSFP0003K A processor mismatch has been detected between one or more processors in the system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) This message could occur with messages about other Processor configuration problems. Resolve those messages first.\n2) If the problem persists, ensure that matching processors are installed (i.e., matching option part numbers, etc)\n3) Verify that the Processor's are installed in the correct sockets according to the service information for this product. If not, correct that problem.\n4) Check Lenovo support site for an applicable service bulletin or UEFI firmware update that applies to this Processor error.\n5) If the problem persists, collect Service Data logs.\n6) Contact Lenovo Support.

- **FQXSFP0004K A discrepancy has been detected in the number of cores reported by one or more processors within the system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If this is a newly installed option, ensure that matching Processors are installed in the correct Processor sockets.\n2) Check Lenovo support site for an applicable service bulletin that applies to this Processor error.\n3) Replace the processor. Inspect the processor socket and replace the system board first if the socket is damaged.

- **FQXSFP0005K A mismatch between the maximum allowed UPI link speed has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If this is a newly installed option, ensure that matching Processors are installed in the correct Processor sockets.\n2) Check Lenovo support site for an applicable

service bulletin that applies to this Processor error.\n3) Replace the processor. Inspect the processor socket and replace the system board first if the socket is damaged.

- **FQXSFP0006K A power segment mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Processors installed do not have the same power requirements.\n2) Ensure that all Processors have matching power requirements (such as 65, 95, or 130 Watts).\n3) Replace the processor. Inspect the processor socket and replace the system board first if the socket is damaged.

- **FQXSFP0007K Processors have mismatched Internal DDR Frequency**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching DIMMs are installed in the correct population sequence. Correct any configuration issues found.\n2) Replace the associated processor. Inspect the processor socket and replace the system board first if the socket is damaged.

- **FQXSFP0008K A core speed mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch issues found.\n2) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n3) Replace the processor. Inspect the processor socket and replace the system board first if the socket is damaged.

- **FQXSFP0009K An external clock frequency mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that the processor is a valid option that is listed as a Server Proven device for this system. If not, remove the Processor and install one listed on the Server Proven website.\n2) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch found.\n3) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n4) Replace the processor. Inspect the processor socket and replace the system board first if the socket is damaged.

- **FQXSFP0010K A cache size mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch found.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n3) Replace the system board.

- **FQXSFP0011K A cache type mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch found.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n3) Replace the system board.

- **FQXSFP0012K A cache associativity mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch found.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n3) Replace the system board.

- **FQXSFP0013K A processor model mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch found.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n3) Replace the system board.

- **FQXSFP0014N A processor family mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch found.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n3) Replace the system board.

- **FQXSFP0015K A processor stepping mismatch has been detected for one or more processors.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Verify that matching processors are installed in the correct processor sockets. Correct any mismatch found.\n2) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n3) Replace the system board.

- **FQXSFP0016G A processor within the system has failed the BIST.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If the processor or firmware was just updated, check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n2) If there are multiple processors, swap processors to move affected processor to another processor socket and retry. If problem follows the affected processor, or this is a single processor system, replace the processor. Inspect the processor socket on each processor removal and replace system board first if the processor socket is damaged or mis-aligned pins are found.\n3) Replace the system board.

- **FQXSFP0016N A processor within the system has failed the BIST.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If the processor or firmware was just updated, check the Lenovo support site for an applicable service bulletin or firmware update that applies to this processor error.\n2) If there are multiple processors, swap processors to move affected processor to another processor socket and retry. If problem follows the affected processor, or this is a single processor system, replace the processor. Inspect the processor socket on each processor removal and replace system board first if the processor socket is damaged or mis-aligned pins are found.\n3) Replace the system board.



- **FQXSFP0017G A processor microcode update failed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this Processor error.\n2) Replace the Processor.

- **FQXSFP0017I A processor microcode update failed.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0018N CATERR(IEERR) has asserted on processor {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Check Lenovo support site for an applicable service bulletin or UEFI firmware update that applies to this Processor error.\n2) Reboot system. If problem persists escalate to the next level of support.

- **FQXSFP0019N An uncorrectable error has been detected on processor {0}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Check Lenovo support site for an applicable service bulletin or UEFI firmware update that applies to this error.\n2) Reboot the system. If problem persists, contact Support.

- **FQXSFP0020I The UEFI firmware image capsule signature is invalid.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0021G Hardware physical presence is in asserted state.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Complete any administrative tasks requiring the TPM physical presence switch to be in the "ON" position..\n2) Restore the physical presence switch to the "OFF" position and reboot the system.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFP0021I The TPM physical presence state has been cleared.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0022G The TPM configuration is not locked.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reboot the system.\n2) If problem persists contact support.

- **FQXSFP0022I The TPM configuration is not locked.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0023G Secure Boot Image Verification Failure Warning.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) It's a security warning message when user want to boot from an unauthorized UEFI image or OS while Secure Boot is enabled and Secure Boot Mode is in User Mode. {0}: if customer does not want to boot any unauthorized UEFI image or OS, please remove that bootable device.\n2) If customer does want to boot this unauthorized UEFI image or OS, there're two ways to allow system boot from this unauthorized image, the first is to disable Secure Boot, the second is to enroll the unauthorized image into DB(Authorized Signature Database).Enroll the unauthorized UEFI Image. assert the Physical Presence and then change Secure Boot Policy to

Custom Policy ( in Setup -andgt; System Settings -andgt; Security -andgt; Security Boot Configuration -andgt; Security Boot Policy), then enter into "Security Boot Custom Policy" Menu, press the "Enroll Efi Image" button, select the unauthorized UEFI Image in the popup box. (NOTE: There're two ways to assert Physical Presence. 1) switch Physical Presence Jumper to ON ; 2) If the Physical Presence Policy has been set to enabled ( F1 Setup -andgt; System Settings -andgt; Security -andgt; Physical Presence Policy Configuration), user is allowed to assert remote Physical Presence via IPMI tool.)\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFP0023I Secure Boot Image Verification Failure has been cleared as no failure in this round boot.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0024G Intel UEFI ACM startup failed, make sure TPM is enabled.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Assert Physical Presence via the Physical Presence Jumper or Remote Physical Presence:\nNote:\n There are two methods to assert Physical Presence.\n1) Move the Physical Presence Jumper to the "ON" position\n2) If the "Physical Presence Policy" has been set to "Enable" in F1 Setup the user is allowed to assert remote Physical Presence via the IPMI tool. The setting can be found in F1 Setup at "System Settings -andgt; Security -andgt; Physical Presence Policy Configuration"\n2) Enable and activate the TPM. The setting can be found in F1 at "System Settings -andgt; Security -andgt; Trusted Platform Module -andgt; TPM2". \n1) Change [TPM Device] to "Enable".\n2) Change [TPM State] to "Activate"..\n3) Reboot the system.\n4) If the problem persists, collect Service Data logs.\n5) Contact Lenovo Support.

- **FQXSFP0024I TCM\_TPM\_POLICY is undefined.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0025I The default system settings have been restored.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0026I TCM daughter card field update is not supported. Please remove the TCM daughter card and reboot.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0027I TCM daughter card has been changed. Please return to the original TCM daughter card and reboot.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0028I Intel BIOS ACM startup failed, make sure TPM is enabled.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0029I The default system settings have been restored.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP0030N A firmware fault has been detected in the UEFI image.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n2) Reflash UEFI image.\n3) Undo recent system changes (settings or devices added). Verify that the system boots. Then, re-install options one at a time to locate the problem.\n4) If problem persists, save customer's UEFI configurations, then remove and re-install CMOS battery for 30 seconds to clear CMOS contents. If it boots successfully, then restore system settings.\n5) If the problem persists, collect Service Data logs.\n6) Contact Lenovo Support.

- **FQXSFP0031N The number of POST attempts has reached the value configured in F1 setup. The system has booted with default UEFI settings. User specified settings have been preserved and will be used on subsequent boots unless modified before rebooting.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Original UEFI settings are still present. If customer desires to continue using the original settings, select Save Settings.\n2) If User did not intentionally trigger the reboots, check logs for probable cause. For example, if there is a battery fault event, follow the steps to resolve that event.\n3) Undo recent system changes (settings or devices added). Verify that the system boots. Then, re-install options one at a time to locate the problem.\n4) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this error. Update UEFI firmware if applicable.\n5) Save customer's UEFI configurations, then remove and re-install CMOS battery for 30 seconds to clear CMOS contents. If it boots successfully, then restore system settings.\n6) If the problem persists, collect Service Data logs.\n7) Contact Lenovo Support.

- **FQXSFP0032G A boot configuration error has been detected.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) F1 Setup -andgt; Save Settings\n2) Retry OOB config update

- **FQXSFP0033G Processor has been disabled.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Check Lenovo support site for an applicable service bulletin or UEFI firmware update that applies to this error.\n2) Reboot system. If problem persists escalate to the next level of support.

- **FQXSFP0034L The TPM could not be initialized properly.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Reboot the system. Reflash UEFI image.\n2) If the problem persists, collect Service Data logs.\n3) Contact Lenovo Support.

- **FQXSFP04033F TPM Firmware recovery is in progress. Please DO NOT power off or reset system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Information only no action is required.

- **FQXSFP04034I TPM Firmware recovery is finished, rebooting system to take effect.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP04035M TPM Firmware recovery failed. TPM chip may be damaged.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**



Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Reboot the system.\n2) If the error recurs TPM related features will not work.\n3) Contact support if necessary.

- **FQXSFP4036F TPM Firmware recovery is starting. Please DO NOT power off or reset system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Information only no action is required.

- **FQXSFP4037I TPM Firmware recovery is finished.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4038I TPM Firmware recovery successful.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4039M Fail to recovery TPM version. TPM chip may be broken.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Information only; no action is required.

- **FQXSFP4040M TPM selftest has failed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Reboot the system\n2) If the error recurs TPM related features will not work\n3) Contact support if necessary.

- **FQXSFP4041I TPM Firmware update is in progress. Please DO NOT power off or reset system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4042I TPM Firmware update is finished, rebooting system to take effect.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4043G TPM Firmware update aborted. System is rebooting...**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is an information event, no user action is required.

- **FQXSFP4044F The current TPM firmware version could not support TPM version toggling.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Information only no action is required.

- **FQXSFP4044I The current TPM firmware version could not support TPM version toggling.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4045G Physical Presence is not asserted, abort TPM Firmware upgrade.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is an information event, no user action is required.

- **FQXSFP4046I TPM Firmware will be updated from TPM1.2 to TPM2.0.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4047I TPM Firmware will be updated from TPM2.0 to TPM1.2.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4048I TPM Firmware update is finished.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4049I TPM Firmware update successful.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4050G Failed to update TPM Firmware.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is an information event, no user action is required.

- **FQXSFP4051G Undefined TPM\_TCM\_POLICY found**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Reboot the system.\n2) If problem persists contact support.

- **FQXSFP4052G TPM\_TCM\_POLICY is not locked**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Reboot the system.\n2) If problem persists contact support.

- **FQXSFP4052I TPM\_TCM\_POLICY is not locked**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4053G System TPM\_TCM\_POLICY does not match the planar.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Remove any newly added TPM/TCM card from the planar or re-install the original TPM/TCM card that shipped with the system.\n2) Reboot the system\n3) If problem persists contact support.

- **FQXSFP4054G TPM/TCM card logical binding has failed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Reboot the system\n2) If problem persist contact support.

- **FQXSFP4055I System boot is blocked, please remove TCM card.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4056J TCM daughter card field update is not supported. Please remove the TCM daughter card and reboot**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Remove the TCM card from the planar\n2) Reboot the system\n3) If the problem remains, contact support

- **FQXSFP4056M TPM/TCM card is changed, need install back the original TCM/TPM card which shipped with the system.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1) Re-install the original TCM/TPM card that shipped with the system.\n2) Reboot the system\n3) If the problem remains, contact support

- **FQXSFP4080I Host Power-On password has been changed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4081I Host Power-On password has been cleared.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4082I Host Admin password has been changed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4083I Host Admin password has been cleared.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFP4084I Host boot order has been changed.**



**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFPU4085I Host WOL boot order has been changed.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFPW0001L CMOS has been cleared.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) If the CMOS clear was user initiated this event can be safely ignored and no further action is required.\n2) If the system was recently installed, moved, or serviced, make sure the battery is properly seated.\n3) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n4) Replace CMOS Battery\n5) Replace the system board.

- **FQXSFSM0001L Power capping is disabled.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Settings and Event Logs.

- **FQXSFSM0002N Boot Permission denied by Management Module: System Halted.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check BMC log.\n2) Review power policies and system configuration settings in the BMC GUI

- **FQXSFSM0003N Timed Out waiting on boot permission from Management Module: System Halted.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check BMC log.\n2) Review power policies and system configuration settings in the BMC GUI

- **FQXSFSM0004M An XCC communication failure has occurred.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check the XCC network cables and configuration.\n2) AC cycle the system.\n3) Check Lenovo support site for an applicable service bulletin or firmware update that

applies to this error.\n4) Reflash XCC Firmware.\n5) If the problem persists, collect Service Data logs.  
\n6) Contact Lenovo Support.

- **FQXSFSM0005M An error occurred while saving UEFI settings to the XCC.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n2) AC cycle the system\n3) if problem persists, check if UEFI firmware version and XCC firmware version are matched with one Lenovo firmware official release. if not, please update UEFI and XCC firmware to the supported combination.\n4) Remove and re-install CMOS battery for 30 seconds to clear CMOS contents.\n5) If the problem persists, collect Service Data logs.\n6) Contact Lenovo Support.

- **FQXSFSM0006M Unable to retrieve the system configuration from the BMC.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Check Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n2) AC cycle the system\n3) if problem persists, check if UEFI firmware version and XCC firmware version are matched with one Lenovo firmware official release. if not, please update UEFI and XCC firmware to the supported combination.\n4) Remove and re-install CMOS battery for 30 seconds to clear CMOS contents.\n5) If the problem persists, collect Service Data logs.\n6) Contact Lenovo Support.

- **FQXSFSM0007I The XCC System Event log (SEL) is full.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFSM0008M Boot permission timeout detected.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Review CMM/IMM logs for communication errors and resolve.\n2) AC cycle the system.\n3) If the problem persists, collect Service Data logs.\n4) Contact Lenovo Support.

- **FQXSFSR0001M {0} GPT corruption detected, DiskGUID: {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) F1 Setup -andgt; System Settings -andgt; Recovery -andgt; Disk GPT Recovery, set to "Automatic"; Save Settings, then restart system.\n2) Boot to F1 setup, system will automatically try to recover the GPT during the POST, restart the system.\n3) If problem persists, re-format the LUN or disk and re-install the OS.

- **FQXSFSR0002G {0} GPT corruption recovered, DiskGUID: {1}.**

**Explanation**

UEFI error messages can be generated when the compute node starts up (POST) or while the compute node is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the compute node.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) No further user action is required at this point since issue has been resolved.

- **FQXSFSR0002I {0} GPT corruption recovered, DiskGUID: {1}.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSFSR0003G The number of boot attempts has been exceeded. No bootable device found.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Remove AC power from the system.\n2) Connect at least one bootable device of the system.\n3) Connect AC power to the system.\n4) Power on system and retry.

- **FQXSFTTR0001L An invalid date and time have been detected.**

**Explanation**

UEFI error messages can be generated when the server starts up (POST) or while the server is running. UEFI error messages are logged in the Lenovo XClarity Controller event log in the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps:\n1) Check the BMC event log. This event should immediately precede a FQXSFPW0001L error. Resolve that event or any other battery related errors.\n2) Use F1 Setup to reset date and time. If problem returns after a system reset, replace CMOS battery.\n3) If problem persists then check Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n4) Replace the system board.

- **FQXSPBR4000I Management Controller {0}: Configuration restored from a file by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4001I Running the backup Management Controller {0} main application.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4002I Management Controller {0} Reset was caused by restoring default values.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4003I Platform Watchdog Timer expired for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4004I Server timeouts set by user {0}: EnableOSWatchdog={1}, OSWatchdogTimeout={2}, EnableLoaderWatchdog={3}, LoaderTimeout={4}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4005I Management Controller {0}: Configuration saved to a file by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4006I Management Controller {0}: Configuration restoration from a file by user {1} completed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4007I Management Controller {0}: Configuration restoration from a file by user {1} failed to complete.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBR4008I Management Controller {0}: Configuration restoration from a file by user {1} failed to start.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0000I Power On for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0001I Power Cycle Hard requested for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0002I Power Cycle Hard requested for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPBT0003I Power Cycle Soft requested for system {0}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPBT0004I PXE Boot Requested for system {0}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPBT0005I Diagnostics Boot Requested for system {0}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPBT0006I System Restart Requested for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0007I No bootable media available for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0008I Non-bootable media selected for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0009I Non-bootable media selected for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0010I PXE server not found for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0011I User timeout on boot for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0012I System {0} boot from floppy {1} initiated.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0013I System {0} boot from local drive {1} initiated.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0014I System {0} boot from PXE on Network Port {1} initiated.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0015I System {0} boot diagnostics initiated.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0016I System {0} boot from CD {1} initiated.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0017I System {0} boot from ROM initiated.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0018I System {0} boot initiated.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0019I Critical Stop during OS load on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0020I Run-time critical stop on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0021I OS Graceful stop on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0022I OS Graceful shutdown begun on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0023I OS Graceful shutdown begun on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPBT0024I Agent not responding on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0000J Numeric sensor {0} going low (lower non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0001J Numeric sensor {0} going low (lower non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0002M Numeric sensor {0} going low (lower critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Reseat the failing fan indicated by the fan LED.\n2) If problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPCA0003M Numeric sensor {0} going low (lower critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0004N Numeric sensor {0} going low (lower non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0005N Numeric sensor {0} going low (lower non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0006J Numeric sensor {0} going high (upper non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0007J Numeric sensor {0} going high (upper non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPCA0008M Numeric sensor {0} going high (upper critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0009M Numeric sensor {0} going high (upper critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of

the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPCA0010N Numeric sensor {0} going high (upper non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0011N Numeric sensor {0} going high (upper non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) If problem persists, collect Service Data log.\n5) Contact Lenovo Support.

- **FQXSPCA0012I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0013I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0014J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0015J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPCA0016M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Make sure that there are no obstructions, such as bundled cables, to the airflow from the power-supply fan.\n2) Replace power supply n. (n=power supply number)

- **FQXSPCA0017M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that filters are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPCA0018N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0019N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPCA0020I Sensor {0} has transitioned to non-critical from a more severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0021I Sensor {0} has transitioned to non-critical from a more severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0022M Sensor {0} has transitioned to critical from a non-recoverable state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0023M Sensor {0} has transitioned to critical from a non-recoverable state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Make sure that the fans are operating, that there are no obstructions to the airflow (front and rear of the server), that the air baffle is in place and correctly installed, and that the server cover is installed and completely closed.\n2) Check the ambient temperature. You must be operating within the specifications (see Server Features and specifications for more information).\n3) Make sure that the heat sink for microprocessor n.\n4) (Trained technician only) Replace microprocessor n. (n=microprocessor number)

- **FQXSPCA0024N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0025N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Make sure that the fans are operating, that there are no obstructions to the airflow (front and rear of the server), that the air baffle is in place and correctly installed, and that the server cover is installed and completely closed.\n2) Check the ambient temperature. You must be operating within the specifications (see Server Features and specifications for more information).\n3) Make sure that the heat sink for microprocessor n.\n4) (Trained technician only) Replace microprocessor n. (n=microprocessor number)

- **FQXSPCA0026I Sensor {0} indicates a monitor state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0027I Sensor {0} indicates a monitor state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0028I Sensor {0} has an informational state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0029I Sensor {0} has an informational state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0030I Redundancy {0} has been restored.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA0031L Redundancy Lost for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Make sure that the connectors on fan n are not damaged.\n2) Make sure that the fan n connectors on the system board are not damaged.\n3) Make sure that the fans are correctly installed.\n4) Reseat the fans.\n5) Replace the fans. (n=fan number)

- **FQXSPCA0032J Redundancy Degraded for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0033J Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has asserted.**



**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0034J Non-redundant:Sufficient Resources from Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0035M Non-redundant:Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Make sure that the connectors on fan n are not damaged.\n2) Make sure that the fan n connectors on the system board are not damaged.\n3) Make sure that the fans are correctly installed.\n4) Reseat the fans.\n5) Replace the fans. (n=fan number)

- **FQXSPCA0036J Redundancy Degraded from Full Redundancy for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA0037J Redundancy Degraded from Non-redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPCA2000I Numeric sensor {0} going low (lower non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2001I Numeric sensor {0} going low (lower non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2002I Numeric sensor {0} going low (lower critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2003I Numeric sensor {0} going low (lower critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2004I Numeric sensor {0} going low (lower non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2005I Numeric sensor {0} going low (lower non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2006I Numeric sensor {0} going high (upper non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2007I Numeric sensor {0} going high (upper non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2008I Numeric sensor {0} going high (upper critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2009I Numeric sensor {0} going high (upper critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2010I Numeric sensor {0} going high (upper non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2011I Numeric sensor {0} going high (upper non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2014I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2015I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2016I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2017I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2018I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2019I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2024I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2025I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2031I Redundancy Lost for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2032I Redundancy Degraded for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2033I Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2034I Non-redundant:Sufficient Resources from Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2035I Non-redundant:Insufficient Resources for {0} has deasserted.**



**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2036I Redundancy Degraded from Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCA2037I Redundancy Degraded from Non-redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCN4000I Serial Redirection set by user {0}: Mode={1}, BaudRate={2}, StopBits={3}, Parity={4}, SessionTerminateSequence={5}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCN4001I Remote Control session started by user {0} in {1} mode.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCN4002I User {0} has terminated an active console session.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCN4003I Remote Control session started by user {0} in {1} mode has been closed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPCR0001N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) AC cycle the system.\n2) If the problem still exist, please contact the local service support.

- **FQXSPCR2001I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDA0000N The System {0} encountered firmware error - no video device detected.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged BMC message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPDA0001I The Power Button {0} has been pressed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDA0002I The Sleep Button {0} has been pressed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDA0003I The Reset Button {0} has been pressed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDA0004I The Latch to {0} has been opened.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDA0005I The Service Request {0} has been enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDA2000I The System {0} has detected a POST Error deassertion.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDA2004I The Latch to {0} has been closed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4000I Inventory data changed for device {0}, new device data hash={1}, new master data hash={2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4001I Storage {0} has changed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4002I Device {0} VPD is not valid.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4003I TKLM servers set by user {0}: TKLMServer1={1} Port={2}, TKLMServer2={3} Port={4}, TKLMServer3={5} Port={6}, TKLMServer4={7} Port={8}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4004I TKLM servers device group set by user {0}: TKLMServerDeviceGroup={1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4005I User {0} has generated a new encryption key pair and installed a self-signed certificate for the TKLM client.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4006I User {0} has generated a new encryption key and certificate signing request for the TKLM client.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4007I User {0} has imported a signed certificate for the TKLM client from {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4008I User {0} has imported a server certificate for the TKLM server.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4009I User {0} has {1} file {2} from {3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPDM4010I Inventory data collecting and processing complete for {0}, sequence number is {1}.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEA0001J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) RAID controller must have reported a warning event. Please check the RAID event with LSA or storcli and take proper action according to MegaRAID user guide.\n2) If the problem has been resolved, run "storage -evtfwd deassert warning" command to de-assert the warning status.

- **FQXSPEA0002M Sensor {0} has transitioned to critical from a less severe state.**



**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

RAID controller must have reported an error event. Please check the RAID event with LSA or storcli and take proper action according to MegaRAID user guide. \n1) If the problem has been resolved, run "storage -evtfwd deassert error" command to de-assert the error status.

- **FQXSPEA2001I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEA2002I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0000I The Log {0} used by {1} has been disabled.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0001I The Log {0} used by {1} has been disabled.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0002I The Log {0} used by {1} has been disabled.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0003I The Log {0} has been cleared.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0004I The Log {0} is full.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0005I The Log {0} is almost full.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0006I The System {0} has been reconfigured.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0007I The System {0} has encountered an OEM System Boot Event.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0008N The System {0} has encountered a system hardware fault.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Make sure that the fans are operating, that there are no obstructions to the airflow (front and rear of the server), that the air baffles are in place and correctly installed, and that the server cover is installed and completely closed.\n2) Make sure that the heat sink for microprocessor n is installed correctly.\n3) (Trained technician only) Replace microprocessor n. (n=microprocessor number)

- **FQXSPEM0009I The System {0} has generated an auxiliary Log Entry in Log {1}.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0010J Sensor {0} is unavailable or degraded on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Turn off the server and disconnect the power cords. Reconnect the power cords and restart the server.\n2) If the problem remains, (trained technician only) replace the system board.

- **FQXSPEM0011J Controller {0} is unavailable or degraded on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPERM0012I Management system {0} is off-line.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPERM0013L Management system {0} is disabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPERM0014G Sensor {0} has failed on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPERM0015J FRU {0} has failed on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPERM0016I FRU {0} not installed on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPERM0017I Activation requested for FRU {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPERM0018I FRU {0} on system {1} is active.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPERM0019I Activation in progress for FRU {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0020I Deactivation request for FRU {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0021I FRU {0} on system {1} is in standby or 'hot spare' state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0022I Deactivation in progress for FRU {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM0023I Communication lost with FRU {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2000I The Log {0} used by {1} has been enabled.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2001I The Log {0} used by {1} has been enabled.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2002I The Log {0} used by {1} has been enabled.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXSPEM2004I The Log {0} is no longer full.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2008I The System {0} has recovered from a system hardware fault.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2010I Sensor {0} has returned to normal on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2011I Controller {0} has returned to normal on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2012I Management system {0} is enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2013I Management system {0} is enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2014I Sensor {0} has returned to normal on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM2015I FRU {0} has recovered on management system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSP4000I The {0} on system {1} cleared by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSP4001I The {0} on system {1} is 75% full.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSP4002I The {0} on system {1} is 100% full.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4003I LED {0} state changed to {1} by {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4004I SNMP {0} enabled by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4005I SNMP {0} disabled by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4006I Alert Configuration Global Event Notification set by user {0}: RetryLimit={1}, RetryInterval={2}, EntryInterval={3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4007I Alert Recipient Number {0} updated: Name={1}, DeliveryMethod={2}, Address={3}, IncludeLog={4}, Enabled={5}, EnabledAlerts={6}, AllowedFilters={7}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4008I SNMP Traps enabled by user {0}: EnabledAlerts={1}, AllowedFilters={2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4009I The UEFI Definitions have been changed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4010I UEFI Reported: {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4011I XCC failed to log previous event {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4012I User {0} made system {1} Encapsulation lite Mode.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4013I Battery error was detected by RAID controller. The battery unit needs replacement.({0},{1},{2},{3},{4})**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4014I The RAID controller has problem with the battery. Please contact technical support to resolve this issue.**({0},{1},{2},{3},{4})

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4015I The RAID controller detected unrecoverable error. The controller needs replacement.**({0},{1},{2},{3},{4})

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4016I The RAID controller detected one or more problems. Please contact technical support for additional assistance.**({0},{1},{2},{3},{4})

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4017I The RAID controller detected one or more possible configuration changes within the subsystem. Please check the drive LED status. If necessary, contact technical support for additional assistance.**({0},{1},{2},{3},{4})

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4018I Enclosure issue detected with one or more units. Please check the enclosure units to repair the problem.({0},{1},{2},{3},{4})**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4019I Connectivity issue detected with the enclosure. Please check your cable configurations to repair the problem.({0},{1},{2},{3},{4})**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4020I Fan problem detected with the enclosure. Please check the enclosure unit fan for correct operation.({0},{1},{2},{3},{4})**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**



No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4022I Enclosure power supply has problem. Please check the enclosure unit power supply for correct operation.({0},{1},{2},{3},{4})**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4023I One or more virtual drive are in abnormal status that may cause unavailable virtual drive. Please check the event logs and if events are targeted to the same disk then replace the drive. If necessary, contact technical support for additional assistance.({0},{1},{2},{3},{4})**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4024I The RAID controller detected one or more possible configuration problem within the subsystem. Please check the event logs and if events are targeted to the same disk then replace the drive. If necessary, contact technical support for additional assistance.({0},{1},{2},{3},{4})**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4025I One or more virtual drive have problem. Please contact technical support to resolve this issue.**{0},{1},{2},{3},{4}

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4026I Drive error was detected by RAID controller. Please contact technical support to resolve this issue.**{0},{1},{2},{3},{4}

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4027I Drive error was detected by RAID controller. Please check the event logs and if events are targeted to the same disk then replace the drive. If necessary, contact technical support for additional assistance.**{0},{1},{2},{3},{4}

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPEM4028I The port {0} of PCIe device {1} at {2} has link {3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPEM4029I All PCIe slots on {0} may not be functional based upon your current CPU population.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPEM4030I A scheduled operation on the RAID controller has encountered an issue. Refer to RAID Logs under Server Management, Local Storage, for details.{{0},{1},{2},{3},{4}}**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPFC4000I The bare metal connection process has been started.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Information only; no action is required.

- **FQXSPFC4001I The bare metal update application reports a status of {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPFC4002I System running in setup.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPFC4003I UEFI deployment boot mode is enabled for NextBoot.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPFC4004I UEFI deployment boot mode is enabled for NextAc.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPFC4005I UEFI deployment boot mode has been disabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPFW0000N The System {0} encountered a POST Error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged XCC message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPFW0001N Firmware BIOS (ROM) corruption was detected on system {0} during POST.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure the server meets the minimum configuration to start (see Power-supply LEDs). Recover the server firmware from the backup page: a.Restart the server. b.At the prompt, press F3 to recover the firmware. Update the server firmware to the latest level (see Updating the firmware). Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you

update the code. Remove components one at a time, restarting the server each time, to see if the problem goes away. If the problem remains, (trained service technician) replace the system board.

- **FQXSPFW0002N The System {0} encountered a firmware hang.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure the server meets the minimum configuration to start (see Power-supply LEDs). Update the server firmware on the primary page. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code. (Trained technician only) Replace the system board.

- **FQXSPFW0003I The System {0} encountered firmware progress.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPFW0004I UEFI advanced memory test is completed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPFW0005I UEFI advanced memory test is completed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPFW2000I The System {0} has detected a POST Error deassertion.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPFW2001I The System {0} has detected a POST Error deassertion.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPFW2002I The System {0} has recovered from a firmware hang.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPIO0000I The connector {0} has been connected.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO0001L The connector {0} has encountered a configuration error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Re-install the cable between light path LED card and the system board.\n2) Collect Service Data log and OS memory dump.\n3) Contact Lenovo Support.

- **FQXSPIO0002N The System {0} encountered firmware error - unrecoverable keyboard failure.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged BMC message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPIO0003N A diagnostic interrupt has occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**



Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the NMI button on the operator information panel has not been pressed, complete the following steps: \n1) Make sure that the NMI button is not pressed.\n2) (Trained technician only) Replace the system board.

- **FQXSPIO0004L A bus timeout has occurred on bus {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Dump FFDC data.\n2) Reseat processor.\n3) If the problem still exist, please replace the processor. (trained technician only)

- **FQXSPIO0005N An I/O Channel Check NMI has occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPIO0006N A software NMI has occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Complete the following steps until the problem is solved:\n2) Collect Service Data log and OS memory dump.\n3) Contact Lenovo Support.

- **FQXSPIO0007N A PCI PERR has occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the PCI LED.\n2) Reseat the affected adapters and riser cards.\n3) Update the server firmware (UEFI and BMC) and adapter firmware. \nNote:\n Some cluster solutions require specific code levels or coordinated code updates. \n4) If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.\n5) Remove both adapters.\n6) Replace the PCIe adapters.\n7) Replace the riser card.

- **FQXSPIO0008N A PCI SERR has occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the PCI LED.\n2) Reseat the affected adapters and riser card.\n3) Update the server firmware (UEFI and BMC) and adapter firmware. \nNote:\n Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.\n4) Make sure that the adapter is supported. For a list of supported optional devices, see <http://>

- **FQXSPIO0009I An EISA Fail Safe timeout occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO0010I A Correctable Bus Error has occurred on bus {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO0011N An Uncorrectable Error has occurred on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check Lenovo support site for an applicable service bulletin or firmware update for the system or adapter that applies to this error.\n2) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n3) If the problem persist collect Service Data log.\n4) Contact Lenovo Support.

- **FQXSPIO0012N A Fatal NMI Error has occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPIO0013N A Fatal Bus Error has occurred on bus {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) (Trained technician only)Reseat the microprocessor, and then restart the server.\n2) (Trained technician only)Replace microprocessor n. (n=microprocessor number)

- **FQXSPIO0014J Bus {0} is operating in a degraded state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPIO0015M Fault in slot {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Reseat the affected adapters and riser card.\n2) Update the server firmware (UEFI and XCC) and adapter firmware. \nNote:\n Some cluster solutions require specific code levels or coordinated code updates.\n3) If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.\n4) Replace the affected adapters.\n5) Replace the riser card.\n6) (Trained service technicians only) Replace the system board.

- **FQXSPIO0016I Identifying slot {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPIO0017I Package installed in slot {0} for system {1}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPIO0018I Slot {0} in system {1} is ready for installation.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPIO0019I Slot {0} in system {1} is ready for removal.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPIO0020I Power is off on slot {0} of system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO0021I Removal requested for slot {0} of system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO0022I Interlock activated on slot {0} of system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO0023G Slot {0} disabled on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPIO0024I Slot {0} of system {1} holds spare.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2000J The connector {0} has been disconnected.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Re-install VGA connector and cable. \n2) Check Lenovo Support for known service bulletins and Tech tips.\n3) If problem persists, collect Service Data log.\n4) Contact Lenovo Support.

- **FQXSPIO2001I The connector {0} configuration error has been repaired.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2002I The System {0} has detected a POST Error deassertion.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2003I System {0} has recovered from a diagnostic interrupt.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2004I Bus {0} has recovered from a bus timeout.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2005I System {0} has recovered from an NMI.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Information only; no action is required.

- **FQXSPIO2006I System {0} has recovered from an NMI.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2007I A PCI PERR recovery has occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2008I A PCI SERR on system {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2009I System {0} has recovered from a EISA Fail Safe timeout.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2010I Bus {0} has recovered from a Correctable Bus Error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2011I Bus {0} has recovered from an Uncorrectable Error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2012I System {0} has recovered from a Fatal NMI.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2013I Bus {0} has recovered from a Fatal Bus Error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2014I Bus {0} is no longer operating in a degraded state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2015I Fault condition removed on slot {0} on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2017I Slot {0} empty for system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2020I Power is on for slot {0} of system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2023I Slot {0} enabled on system {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPIO2024I Slot {0} of system {1} no longer holds spare.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0001I Error Detected and Corrected for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0002N Configuration Error for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure that DIMMs are installed and following the memory population chart in the system publication.

- **FQXSPMA0003I {0} Added on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0004I {0} Disabled on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0005N Subsystem {0} has insufficient memory for operation.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged IMM message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPMA0006N Parity Error for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPMA0007L Scrub Failure for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Note: Each time you install or remove a DIMM, you must disconnect the server from the power source; then, wait 10 seconds before restarting the server. Refer to TIP H212293 for minimum code level. Check the IBM support website for an applicable retain tip or firmware update that applies to this memory error. Manually re-enable all affected DIMMs. Swap the affected DIMMs (as indicated by the error LEDs on the system board or the event logs) to a different memory channel or microprocessor. If the problem follows the DIMM, replace the failing DIMM. (Trained technician only) If the problem occurs on the same DIMM connector, check the DIMM connector. If the connector contains any foreign material or is damaged, replace the system board. (Trained technician only) Remove the affected microprocessor and check the microprocessor socket pins for any damaged pins. If a damage is found, replace the system board. (Trained technician only) Replace the affected microprocessor.

- **FQXSPMA0008N Uncorrectable error detected for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Note: Each time you install or remove a DIMM, you must disconnect the server from the power source; then, wait 10 seconds before restarting the server. Refer to TIP H212293 for minimum code level. Check the IBM support website for an applicable retain tip or firmware update that applies to this memory error. Swap the affected DIMMs (as indicated by the error LEDs on the system board or the event logs) to a different memory channel or microprocessor. If the problem follows the DIMM, replace the failing DIMM. (Trained technician only) If the problem occurs on the same DIMM connector, check the DIMM connector. If the connector contains any foreign material or is damaged, replace the system board. (Trained technician only) Remove the affected microprocessor and check the microprocessor socket pins for any damaged pins. If a damage is found, replace the system board. (Trained technician only) Replace the affected microprocessor. Manually re-enable all affected DIMMs if the server firmware version is older than UEFI v1.10. If the server firmware version is UEFI v1.10 or newer, disconnect and reconnect the server to the power source and restart the server. (Trained Service technician only) Replace the affected microprocessor.

- **FQXSPMA0009I Memory sparing initiated for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0010J {0} on Subsystem {1} Throttled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPMA0011G Memory Logging Limit Reached for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Note: Each time you install or remove a DIMM, you must disconnect the server from the power source; then, wait 10 seconds before restarting the server. Refer to TIP H212293 for minimum code level. Check the IBM support website for an applicable retain tip or firmware update that applies to this memory error. Swap the affected DIMMs (as indicated by the error LEDs on the system board or the event logs) to a different memory channel or microprocessor. If the problem follows the DIMM, replace the failing DIMM. (Trained technician only) If the problem occurs on the same DIMM connector, check the DIMM connector. If the connector contains any foreign material or is damaged, replace the system board. (Trained technician only) Remove the affected microprocessor and check the microprocessor socket pins for any damaged pins. If a damage is found, replace the system board. (Trained technician only) Replace the affected microprocessor. Manually re-enable all affected DIMMs if the server firmware version is older than UEFI v1.10. If the server firmware version is UEFI v1.10 or newer, disconnect and reconnect the server to the power source and restart the server. (Trained Service technician only) Replace the affected microprocessor.

- **FQXSPMA0012M An Over-Temperature Condition has been detected on the {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the event log of system management module and xClarity Controller for any fan or cooling related issues.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are in place and correctly installed.\n3) Make sure that the room temperature is within operating specifications.\n4) Make sure that the DIMM and Drive baffles are in place if applicable.\n5) Collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPMA0013N The System {0} has detected no memory in the system.**



**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged IMM message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPMA0014I Redundancy {0} has been restored.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0015L Redundancy Lost for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the system-event log for DIMM failure events (uncorrectable or PFA) and correct the failures. Re-enable mirroring in the Setup utility.

- **FQXSPMA0016J Redundancy Degraded for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPMA0017J Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the system-event log for DIMM failure events (uncorrectable or PFA) and correct the failures. Re-enable mirroring in the Setup utility.

- **FQXSPMA0018J Non-redundant:Sufficient Resources from Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPMA0019M Non-redundant:Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the system-event log for DIMM failure events (uncorrectable or PFA) and correct the failures. Re-enable mirroring in the Setup utility.

- **FQXSPMA0020J Redundancy Degraded from Full Redundancy for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPMA0021J Redundancy Degraded from Non-redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPMA0022I Memory sparing initiated for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0023I Memory sparing initiated for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA0024G Sensor {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPMA0025I Sensor {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2002I Configuration error for {0} on Subsystem {1} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2003I {0} Removed on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPMA2004I {0} Enabled on Subsystem {1}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPMA2005I The System {0} has detected a POST Error deassertion.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPMA2006I Parity Error Recovery for {0} on Subsystem {1}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPMA2007I Scrub Failure for {0} on Subsystem {1} has recovered.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2008I Uncorrectable error recovery detected for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2009I Memory sparing concluded for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2010I {0} on Subsystem {1} is no longer Throttled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2011I Memory Logging Limit Removed for {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2012I An Over-Temperature Condition has been removed on the {0} on Subsystem {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2013I The System {0} has detected a POST Error deassertion.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2015I Redundancy Lost for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2016I Redundancy Degraded for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2017I Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2018I Non-redundant:Sufficient Resources from Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Information only; no action is required.

- **FQXSPMA2019I Non-redundant:Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2020I Redundancy Degraded from Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2021I Redundancy Degraded from Non-redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPMA2024I Sensor {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4000I Management Controller {0} Network Initialization Complete.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4001I Ethernet Data Rate modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4002I Ethernet Duplex setting modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4003I Ethernet MTU setting modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4004I Ethernet locally administered MAC address modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4005I Ethernet interface {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4006I Hostname set to {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4007I IP address of network interface modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4008I IP subnet mask of network interface modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4009I IP address of default gateway modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4010I DHCP[{0}] failure, no IP address assigned.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4011I ENET[{0}] DHCP-HSTN={1}, DN={2}, IP@={3}, SN={4}, GW@={5}, DNS1@={6}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4012I ENET[{0}] IP-Cfg:HstName={1}, IP@={2}, NetMsk={3}, GW@={4}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4013I LAN: Ethernet[{0}] interface is no longer active.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4014I LAN: Ethernet[{0}] interface is now active.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4015I DHCP setting changed to {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4016I Domain name set to {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4017I Domain Source changed to {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4018I DDNS setting changed to {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4019I DDNS registration successful. The domain name is {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4020I IPv6 enabled by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4021I IPv6 disabled by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4022I IPv6 static IP configuration enabled by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4023I IPv6 DHCP enabled by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4024I IPv6 stateless auto-configuration enabled by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4025I IPv6 static IP configuration disabled by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPNM4026I IPv6 DHCP disabled by user {0}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPNM4027I IPv6 stateless auto-configuration disabled by user {0}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPNM4028I ENET[{0}] IPv6-LinkLocal:HstName={1}, IP@={2}, Pref={3}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPNM4029I ENET[{0}] IPv6-Static:HstName={1}, IP@={2}, Pref={3}, GW@={4}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4030I ENET[{0}] DHCPv6-HSTN={1}, DN={2}, IP@={3}, Pref={4}, DNS1@={4}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4031I IPv6 static address of network interface modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4032I DHCPv6 failure, no IP address assigned.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4033I Telnet port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4034I SSH port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4035I Web-HTTP port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4036I Web-HTTPS port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4037I CIM/XML HTTP port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4038I CIM/XML HTTPS port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4039I SNMP Agent port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4040I SNMP Traps port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4041I Syslog port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4042I Remote Presence port number changed from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4043I SMTP Server set by user {0} to {1}:{2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4044I Telnet {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4045I DNS servers set by user {0}: UseAdditionalServers={1}, PreferredDNStype={2}, IPv4Server1={3}, IPv4Server2={4}, IPv4Server3={5}, IPv6Server1={6}, IPv6Server2={7}, IPv6Server3={8}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4046I LAN over USB {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4047I LAN over USB Port Forwarding set by user {0}: ExternalPort={1}, USB-LAN port={2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4048I PXE boot requested by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4049I User {0} has initiated a TKLM Server Connection Test to check connectivity to server {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4050I User {0} has initiated an SMTP Server Connection Test.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4051I User {0} has set the SMTP Server reverse-path to {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4052I DHCP specified hostname is set to {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4053I DNS discovery of Lenovo XClarity Administrator has been {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4054I The hostname from DHCP is {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4055I The hostname from DHCP is invalid.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4056I The NTP server address {0} is invalid.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPNM4057I Security: IP address: {0} had {1} login failures, it will be blocked to access for {2} minutes.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4000I OS Watchdog response {0} by {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4001I Watchdog {0} Screen Capture Occurred.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4002I Watchdog {0} Failed to Capture Screen.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4003I Platform Watchdog Timer expired for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4004I Operating System status has changed to {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4005I Host Power-On password changed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4006I Host Power-On password cleared.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4007I Host Admin password changed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4008I Host Admin password cleared.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4009I OS Crash Video Captured.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPOS4010I OS Crash Video Capture Failed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4000I Attempting to {0} server {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4001I Server Power Off Delay set to {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4002I Server {0} scheduled for {1} at {2} by user {3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4003I Server {0} scheduled for every {1} at {2} by user {3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4004I Server {0} {1} cleared by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4005I The power cap value changed from {0} watts to {1} watts by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4006I The minimum power cap value changed from {0} watts to {1} watts.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4007I The maximum power cap value changed from {0} watts to {1} watts.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4008I The soft minimum power cap value changed from {0} watts to {1} watts.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4009I The measured power value exceeded the power cap value.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4010I The new minimum power cap value exceeded the power cap value.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4011I Power capping was activated by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4012I Power capping was deactivated by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4013I Static Power Savings mode has been turned on by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4014I Static Power Savings mode has been turned off by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Information only; no action is required.

- **FQXSPPP4015I Dynamic Power Savings mode has been turned on by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4016I Dynamic Power Savings mode has been turned off by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4017I Power cap and external throttling occurred.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4018I External throttling occurred.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4019I Power cap throttling occurred.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4020I The measured power value has returned below the power cap value.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4021I The new minimum power cap value has returned below the power cap value.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4022I The server was restarted for an unknown reason.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4023I The server is restarted by chassis control command.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4024I The server was reset via pushbutton.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4025I The server was powered-up via power pushbutton.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4026I The server was restarted when the watchdog expired..**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4027I The server was restarted for OEM reason.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4028I The server was automatically powered on because the power restore policy is set to always restore..**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4029I The server was automatically powered on because the power restore policy is set to restore previous power state..**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4030I The server was reset via Platform Event Filter.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4031I The server was power-cycled via Platform Event Filter.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4032I The server was soft reset.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4033I The server was powered up via Real Time Clock (scheduled power on).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4034I The server was powered off for an unknown reason.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4035I The server was powered off by chassis control command.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4036I The server was powered off via pushbutton.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4037I The server was powered off when the watchdog expired.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4038I The server stayed powered off because the power restore policy is set to always restore..**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4039I The server stayed powered off because the power restore policy is set to restore previous power state..**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4040I The server was powered off via Platform Event Filter.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4041I The server was powered off via Real Time Clock (scheduled power off).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4042I Management Controller {0} reset was initiated due to Power-On-Reset.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4043I Management Controller {0} reset was initiated by PRESET.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4044I Management Controller {0} reset was initiated by CMM.**



**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4045I Management Controller {0} reset was initiated by XCC firmware.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4046I Remote power permission is {0}.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4047I Management Controller {0} reset was initiated by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4048I Attempting to AC power cycle server {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPP4049I Management Controller {0} reset was initiated by Front Panel.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPR0000I {0} detected as present.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPR0001I {0} detected as absent.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPR0002I {0} has been disabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPR2000I {0} detected as present.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPR2001I {0} detected as absent.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPR2002I {0} has been enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU0000I {0} in slot {1} has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU0001N An Over-Temperature Condition has been detected on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPPU0002G The Processor {0} is operating in a Degraded State.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPPU0003N {0} has Failed with IERR.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the latest level of system firmware and device drivers are installed for all adapters and standard devices, such as UEFI, IMM Ethernet, and SAS. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code. Run the DSA program. Reseat the adapter. Replace the adapter. (Trained technician only) Replace microprocessor n. (n=microprocessor number) (Trained technician only) Replace the system board.

- **FQXSPPU0004M {0} has Failed with FRB1/BIST condition.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the latest level of system firmware and device drivers are installed for all adapters and standard devices, such as UEFI, IMM Ethernet, and SAS. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code. Run the DSA program. Reseat the adapter. Replace the adapter. (Trained technician only) Replace microprocessor n. (n=microprocessor number) (Trained technician only) Replace the system board.

- **FQXSPPU0005M {0} has Failed with FRB2/POST condition.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPU0006M {0} has Failed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPU0007N CPU voltage mismatch detected on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged BMC message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPPU0008I {0} has been Disabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU0009N {0} has a Configuration Mismatch.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure that the installed microprocessors are compatible with each other. (Trained technician only) Reseat microprocessor n. (Trained technician only) Replace microprocessor n. (n= microprocessor number)

- **FQXSPPU0010I A terminator has been detected on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU0011N An SM BIOS Uncorrectable CPU complex error for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the latest level of system firmware and device drivers are installed for all adapters and standard devices, such as UEFI, IMM Ethernet, and SAS. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code. Run the DSA

program. Reseat the adapter. Replace the adapter. (Trained technician only) Replace microprocessor n. (n=microprocessor number) (Trained technician only) Replace the system board.

- **FQXSPPU0012M {0} has machine check error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPPU0013G {0} has correctable error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPPU2000I {0} in slot {1} has been removed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2001I An Over-Temperature Condition has been removed on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2002I The Processor {0} is no longer operating in a Degraded State.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2003I {0} has Recovered from IERR.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2004I {0} has Recovered from FRB1/BIST condition.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2005I {0} has Recovered from FRB2/POST condition.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2006I {0} has Recovered from FRB3 condition.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2007I The System {0} has detected a POST Error deassertion.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2008I {0} has been Enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2009I {0} has Recovered from a Configuration Mismatch.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPU2010G A terminator has not been detected on the processor {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPU2011I An SM BIOS Uncorrectable CPU complex error for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW0001I Power supply {0} in the enclosure (MTM-SN: {1})has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW0002I Power supply {0} in the enclosure (MTM-SN: {1})has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW0002L Power supply {0} in the enclosure (MTM-SN: {1})has failed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the LED's on the PSU: \n1) if AC LED is not lit, check power cord and input voltage.\n2) if DC LED is not lit, remove and re-install power supply.\n2) If problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPPW0003G Failure predicted on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Please collect Service Data log and SMM Service Log (if applicable).\n2) Contact Lenovo Support.

- **FQXSPPW0003L Power supply {0} in the enclosure (MTM-SN: {1})has failed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPPW0004I The input to {0} has been lost or fallen out of range.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW0005I {0} is operating in an Input State that is out of range.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW0006I Power supply {0} in the enclosure (MTM-SN: {1})has lost input.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0007I Power supply {0} in the enclosure (MTM-SN: {1})has lost input.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0007L {0} has a Configuration Mismatch.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check if the PSUs are the same power rating (wattage).\n2) Check if the PSUs are the same efficiency level.\n3) Check if the PSUs are supported by the platform.\n4) If problem persists, collect Service Data log.\n5) Contact Lenovo Support.

- **FQXSPW0008I {0} has been turned off.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0009I {0} has been Power Cycled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0010I {0} has encountered an error during power down.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0011I {0} has lost power.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0012L Soft power control has failed for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0013L {0} has Failed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0014G Failure predicted on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0015I Power On for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0016K Power Control of System {0} has failed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0017I Computer System {0} Enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0018I Computer System {0} is in Sleep - light mode.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0019I Computer System {0} is in Sleep - light mode.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0020I Computer System {0} is in Hibernate.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0021I Computer System {0} is in Standby.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0022I Computer System {0} is in soft - off mode.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0023I Computer System {0} is in hard - off mode.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0024I Computer System {0} is sleeping.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0025G The Battery {0} is critically low.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0026I The Battery {0} has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0027M The Battery {0} has failed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0028J Numeric sensor {0} going low (lower non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0029J Numeric sensor {0} going low (lower non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0030J Numeric sensor {0} going low (lower non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0031J Numeric sensor {0} going low (lower non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPW0032M Numeric sensor {0} going low (lower critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0033M Numeric sensor {0} going low (lower critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0034M Numeric sensor {0} going low (lower critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPW0035M Numeric sensor {0} going low (lower critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) If system has stand-by power, please collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPPW0036N Numeric sensor {0} going low (lower non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPW0037N Numeric sensor {0} going low (lower non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPW0038N Numeric sensor {0} going low (lower non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0039N Numeric sensor {0} going low (lower non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0040J Numeric sensor {0} going high (upper non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0041J Numeric sensor {0} going high (upper non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0042J Numeric sensor {0} going high (upper non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0043J Numeric sensor {0} going high (upper non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0044M Numeric sensor {0} going high (upper critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0045M Numeric sensor {0} going high (upper critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

None

- **FQXSPW0046M Numeric sensor {0} going high (upper critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0047M Numeric sensor {0} going high (upper critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) If system has stand-by power, please collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPW0048N Numeric sensor {0} going high (upper non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0049N Numeric sensor {0} going high (upper non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0050N Numeric sensor {0} going high (upper non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0051N Numeric sensor {0} going high (upper non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0052I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0053I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0054I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0055I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0056J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPW0057J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the LED's on the PSU: \n1) if AC LED is not lit, check power cord and input voltage\n2) if DC LED is not lit, remove and re-install power supply\n2) If problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPPW0058J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPW0059J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPW0060M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0061M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the LED's on the PSU: \n1) if AC LED is not lit, check power cord and input voltage\n2) if DC LED is not lit, remove and re-install power supply\n2) If problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPW0062M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check if the PSUs are the same power rating (wattage).\n2) Check if the PSUs are the same efficiency level.\n3) Check if the PSUs are supported by the platform.\n4) If problem persists, collect Service Data log.\n5) Contact Lenovo Support.

- **FQXSPW0063M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) If system has stand-by power, please collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPW0064N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0065N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0066N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0067N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the system-event log.\n2) Check for an error LED on the system board.\n3) Replace any failing device.\n4) Check for a server firmware update. \nNote:\n Some cluster solutions require specific code levels or coordinated code updates. \n5) If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.\n6) (Trained technician only) Replace the system board.

- **FQXSPW0068I Sensor {0} has transitioned to non-critical from a more severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Information only; no action is required.

- **FQXSPW0069I Sensor {0} has transitioned to non-critical from a more severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Information only; no action is required.

- **FQXSPW0070I Sensor {0} has transitioned to non-critical from a more severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0071I Sensor {0} has transitioned to non-critical from a more severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0072M Sensor {0} has transitioned to critical from a non-recoverable state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0073M Sensor {0} has transitioned to critical from a non-recoverable state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0074M Sensor {0} has transitioned to critical from a non-recoverable state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPPW0075M Sensor {0} has transitioned to critical from a non-recoverable state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the system-event log.\n2) Check for an error LED on the system board.\n3) Replace any failing device.\n4) Check for a server firmware update. \nNote:\n Some cluster solutions require specific code levels or coordinated code updates. \n5) If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.\n6) (Trained technician only) Replace the system board.

- **FQXSPPW0076N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the specified sensor is one of Pwr Rail A-H Fault, please follow actions in "Power Problems and Solving Power Problems".

- **FQXSPPW0077N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) If the specified sensor is PS n 12V OC Fault, complete the following steps until the problem is solved: \n1) Use the Lenovo Power Configurator utility to determine current system power consumption. For more information and to download the utility, go to <http://>

- **FQXSPPW0078N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the specified sensor is one of the following sensors, PDB\_12V1, PDB12V2, PDB\_12V3, PDB\_12V4\_240VA, PDB\_12V5\_240VA, PDB\_5V\_OVP or PDB\_SHORT\_CIR, please replace the system board.

- **FQXSPPW0079N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) AC cycle the system.\n2) If the problem persist collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPPW0080I Sensor {0} indicates a monitor state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW0081I Sensor {0} indicates a monitor state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0082I Sensor {0} indicates a monitor state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0083I Sensor {0} indicates a monitor state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0084I Sensor {0} has an informational state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0085I Sensor {0} has an informational state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0086I Sensor {0} has an informational state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0087I Sensor {0} has an informational state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0088J Sensor {0} has indicated an install error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Review system specific jumper settings and identify security jumper located in the product guide. \nNote:\n Before you change any switch settings or move any jumpers, turn off the server; then, disconnect all power cords and external cables.\n2) Confirm that the security jumper is present and in correct position.\n3) If problem persists, collect Service Data log.\n4) Contact Lenovo Support.

- **FQXSPW0089I Redundancy {0} has been restored.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0090I Redundancy {0} has been restored.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0091I Redundancy {0} has been restored.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0092I {0} has transitioned to a D0 power state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0093I {0} has transitioned to a D1 power state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0094I {0} has transitioned to a D2 power state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0095I {0} has transitioned to a D3 power state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW0096L Redundancy Lost for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0097L Redundancy Lost for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the LEDs for both power supplies.\n2) Follow the actions in Power-supply LEDs.

- **FQXSPW0098L Redundancy Lost for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0099J Redundancy Degraded for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0100J Redundancy Degraded for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0101J Redundancy Degraded for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check if one of power supplies is missing, failed or not installed properly. If so, re-install it.\n2) Check the power supply max rate and power capping policy. If the required power resource is not met, change the power supply or modify power capping mechanism.\n3) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n4) Collect Service Data log.\n5) Contact Lenovo Support.

- **FQXSPW0102J Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**



No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0103J Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0104J Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the LED's on the PSU: \n1) if AC LED is not lit, check power cord and input voltage\n2) if DC LED is not lit, remove and re-install power supply\n2) If problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPW0105J Non-redundant:Sufficient Resources from Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0106J Non-redundant:Sufficient Resources from Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0107J Non-redundant:Sufficient Resources from Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0108M Non-redundant:Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0109M Non-redundant:Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0110M Non-redundant:Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check if one of power supplies is missing, failed or not installed properly. If so, re-install it.\n2) Check the power supply max rate and power capping policy. If the required power resource is not met, change the power supply or modify power capping mechanism.\n3) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n4) Collect Service Data log.\n5) Contact Lenovo Support.

- **FQXSPW0111J Redundancy Degraded from Full Redundancy for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0112J Redundancy Degraded from Full Redundancy for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0113J Redundancy Degraded from Full Redundancy for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0114J Redundancy Degraded from Non-redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0115J Redundancy Degraded from Non-redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW0116J Redundancy Degraded from Non-redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPW2001I Power supply {0} in the enclosure (MTM-SN: {1})has been removed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2002I Power supply {0} in the enclosure (MTM-SN: {1})has returned to OK status.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2003I Failure no longer predicted on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2004I {0} has returned to a Normal Input State.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2005I {0} has returned to a Normal Input State.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2006I {0} has returned to a Normal Input State.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2007I {0} Configuration is OK.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2008I {0} has been turned on.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2009I Power supply {0} in the enclosure (MTM-SN: {1})has been removed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2010I {0} has recovered from an error during power down.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2011I {0} power was restored.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2012I Soft power control working for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2013I {0} has Recovered**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2014I Failure no longer predicted on {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2015I Power supply {0} in the enclosure (MTM-SN: {1})has returned to OK status.**

**Explanation**



When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2016I Power Control of System {0} has recovered.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2017I {0} has returned to a Normal Input State.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2025I The Battery {0} is no longer critically low.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2026I The Battery {0} has been removed from unit {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2027I The Battery {0} has recovered.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2028I Numeric sensor {0} going low (lower non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2029I Numeric sensor {0} going low (lower non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2030I Numeric sensor {0} going low (lower non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2031I Numeric sensor {0} going low (lower non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2032I Numeric sensor {0} going low (lower critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2033I Numeric sensor {0} going low (lower critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2034I Numeric sensor {0} going low (lower critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2035I Numeric sensor {0} going low (lower critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2036I Numeric sensor {0} going low (lower non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2037I Numeric sensor {0} going low (lower non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2038I Numeric sensor {0} going low (lower non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2039I Numeric sensor {0} going low (lower non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2040I Numeric sensor {0} going high (upper non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2041I Numeric sensor {0} going high (upper non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2042I Numeric sensor {0} going high (upper non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2043I Numeric sensor {0} going high (upper non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2044I Numeric sensor {0} going high (upper critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2045I Numeric sensor {0} going high (upper critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2046I Numeric sensor {0} going high (upper critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2047I Numeric sensor {0} going high (upper critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2048I Numeric sensor {0} going high (upper non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2049I Numeric sensor {0} going high (upper non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2050I Numeric sensor {0} going high (upper non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2051I Numeric sensor {0} going high (upper non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2056I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2057I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2058I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2059I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2060I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2061I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2062I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2063I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2064I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2065I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2066I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2067I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2076I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2077I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2078I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2079I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2096I Redundancy Lost for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2097I Redundancy Lost for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2098I Redundancy Lost for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2099I Redundancy Degraded for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2100I Redundancy Degraded for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPPW2101I Redundancy Degraded for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPW2102I Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has deasserted.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPW2103I Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has deasserted.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPW2104I Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has deasserted.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Information only; no action is required.

- **FQXSPW2105I Non-redundant:Sufficient Resources from Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2106I Non-redundant:Sufficient Resources from Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2107I Non-redundant:Sufficient Resources from Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2108I Non-redundant:Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPW2109I Non-redundant:Insufficient Resources for {0} has deasserted.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPW2110I Non-redundant:Insufficient Resources for {0} has deasserted.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPW2111I Redundancy Degraded from Fully Redundant for {0} has deasserted.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPW2112I Redundancy Degraded from Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2113I Redundancy Degraded from Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2114I Redundancy Degraded from Non-redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2115I Redundancy Degraded from Non-redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW2116I Redundancy Degraded from Non-redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPW4001I PCIe Power Brake for {0} has been {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSB0000N The System {0} has encountered a motherboard failure.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged BMC message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPSB2000I The System {0} has detected a POST Error deassertion.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0000I The {0} has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0001I The {0} has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0001L Drive {0} in the enclosure(MTM-SN: {1}) has been disabled due to a detected fault.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Reboot the system and confirm that the drive is still in failed state.\n2) Collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPSD0002G Failure Predicted on drive {0} in the enclosure (MTM-SN: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace hard disk drive 0 at the next maintenance period.

- **FQXSPSD0002L Drive {0} in the enclosure(MTM-SN: {1}) has been disabled due to a detected fault.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check Lenovo Support ([http:](http://)

- **FQXSPSD0003G Failure Predicted on drive {0} in the enclosure (MTM-SN: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace hard disk drive n at the next maintenance period.

- **FQXSPSD0003I Hot Spare enabled for drive {0} in the enclosure (MTM-SN: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0004I Consistency check has begun for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0005I Hot Spare enabled for drive {0} in the enclosure (MTM-SN: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0005L Array critical asserted on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPSD0006L Array failed on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPSD0007I Array rebuild in progress on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0007L Array critical asserted on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps: \n1) Replace any hard disk drive that is indicated by lit status.\n2) Recreate the array.\n3) Restore the data from backup.

- **FQXSPSD0008I Array rebuild in progress on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD0008K Rebuild Aborted for array {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Please check the event logs and if events are targeted to the same disk then replace the driver.\n2) Check VD and disk status in Raid management interface.\n3) Customer can do some actions based on Raid adapter user guide.

- **FQXSPSD0008L Array failed on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPSD0009M The System {0} encountered firmware error - unrecoverable boot device failure.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is a UEFI detected event. The UEFI(POST) error code for this event can be found in the logged BMC message text. Please refer to the UEFI(POST) error code in the "UEFI(POST) error code" section of the Information Center for the appropriate user response.

- **FQXSPSD0016M Sensor {0} has asserted.**



**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPSD2000I Drive {0} in the enclosure(MTM-SN: {1}) has been removed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2001I Drive {0} in the enclosure(MTM-SN: {1}) has been enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2002I Failure no longer Predicted on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2003I Hot Spare disabled for drive {0} in the enclosure (MTM-SN: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2004I Consistency check completed for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2005I Array critical deasserted on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2006I Array restored on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2007I Array rebuild completed on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2008I Drive {0} in the enclosure(MTM-SN: {1}) has been enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2009I The System {0} has detected a POST Error deassertion.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2010I Drive {0} in the enclosure(MTM-SN: {1}) has been removed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2011I Failure no longer Predicted on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2012I Hot Spare disabled for drive {0} in the enclosure (MTM-SN: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2013I Array critical deasserted on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2014I Array restored on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2015I Array rebuild completed on drive {0} in the enclosure (MTM-S/N: {1}).**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSD2016I Sensor {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE0000F The Chassis {0} was opened.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Reseat the left-side cover.\n2) Reseat the left-side cover/power cut-off switch assembly. \nNote:\n Refer to following video: <https://>

- **FQXSPSE0001I The Computer System {0} has detected a secure mode violation.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE0002I The Computer System {0} has detected a pre-boot user password violation.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE0003I The Computer System {0} has detected a pre-boot setup password violation.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE0004I The Computer System {0} has detected a network boot password violation.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE0005I The Computer System {0} has detected a password violation for user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE0006I The management controller {0} has detected an out-of-band password violation for system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE2000I The Chassis {0} was closed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4000I Certificate Authority {0} has detected a {1} Certificate Error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4001I Remote Login Successful. Login ID: {0} using {1} from {2} at IP address {3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4002I Security: Userid: {0} using {1} had {2} login failures from WEB client at IP address {3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4003I Security: Login ID: {0} had {1} login failures from CLI at {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPSE4004I Remote access attempt failed. Invalid userid or password received. Userid is {0} from WEB browser at IP address {1}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPSE4005I Remote access attempt failed. Invalid userid or password received. Userid is {0} from TELNET client at IP address {1}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPSE4006I SSL data in the Management Controller {0} configuration data is invalid. Clearing configuration data region and disabling SSL.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Information only; no action is required.

- **FQXSPSE4007I Security: Userid: {0} using {1} had {2} login failures from an SSH client at IP address {3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4008I SNMPv1 {0} set by user {1}: Name={2}, AccessType={3}, Address={4},.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4009I LDAP Server configuration set by user {0}: SelectionMethod={1}, DomainName={2}, Server1={3}, Server2={4}, Server3={5}, Server4={6}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4010I LDAP set by user {0}: RootDN={1}, UIDSearchAttribute={2}, BindingMethod={3}, EnhancedRBS={4}, TargetName={5}, GroupFilter={6}, GroupAttribute={7}, LoginAttribute={8}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4011I Secure Web services (HTTPS) {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4012I Secure CIM/XML(HTTPS) {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4013I Secure LDAP {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4014I SSH {0} by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4015I Global Login General Settings set by user {0}: AuthenticationMethod={1}, LockoutPeriod={2}, SessionTimeout={3}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4016I Global Login Account Security set by user {0}: PasswordRequired={1}, PasswordExpirationPeriod={2}, MinimumPasswordReuseCycle={3}, MinimumPasswordLength={4}, MinimumPasswordChangeInterval={5}, MaxmumLoginFailures={6}, LockoutAfterMaxFailures={7}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4017I User {0} created.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4018I User {0} removed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4019I User {0} password modified.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4020I User {0} role set to {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4021I User {0} custom privileges set: {1}{2}{3}{4}{5}{6}{7}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4022I User {0} for SNMPv3 set: AuthenticationProtocol={1}, PrivacyProtocol={2}, AccessType={3}, HostforTraps={4}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4023I SSH Client key added for user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4024I SSH Client key imported for user {0} from {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4025I SSH Client key removed from user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4026I Security: Userid: {0} had {1} login failures from a CIM client at IP address {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4027I Remote access attempt failed. Invalid userid or password received. Userid is {0} from a CIM client at IP address {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4028I Security: Userid: {0} had {1} login failures from IPMI client at IP address {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4029I Security: Userid: {0} had {1} login failures from SNMP client at IP address {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4030I Security: Userid: {0} had {1} login failures from IPMI serial client.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4031I Remote Login Successful. Login ID: {0} from {1} serial interface.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4032I Login ID: {0} from {1} at IP address {2} has logged off.**

**Explanation**



When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4033I Login ID: {0} from {1} at IP address {2} has been logged off.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4034I User {0} has removed a certificate.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4035I A certificate has been revoked.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4036I The {0} certificate is expired and has been removed.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4037I Crypto mode modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4038I Minimum TLS level modified from {0} to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4039I Temporary user account {0} is created by inband tool.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4040I Temporary user account {0} expires.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4041I Security: Userid: {0} had {1} login failures from a SFTP client at IP address {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4042I The third-party password function {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4043I Retrieving the third-party password {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4044I User {0} third-party hashed password has been {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4045I The Salt of user {0} third-party password has been {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4046I The third-party password of the user {0} has been retrieved.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4047I Role {0} is {1} and assigned with custom privileges {2}{3}{4}{5}{6}{7}{8}{0}{0}{1} by user {0}{2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4048I Role {0} is removed by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4049I Role {0} is assigned to user {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSE4050I {0} sent IPMI command from {1}, raw data: {2}{3}{4}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSR0001N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the status of all virtual disks on the system, resolve the problem according to LSI MegaRAID software user guide.

- **FQXSPSR2001I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4000I Management Controller Test Alert Generated by {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4001I Server General Settings set by user {0}: Name={1}, Contact={2}, Location={3}, Room={4}, RackID={5}, Rack U-position={6}, Address={7}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4002I License key for {0} added by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4003I License key for {0} removed by user {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4004I Test Call Home Generated by user {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4005I Manual Call Home by user {0}: {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4006I Call Home to {0} failed to complete: {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4007I The BMC functionality tier is changed from {0} to {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPSS4008I The {0} setting has been changed to {1} by user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPSS4009I System enters LXPM maintenance mode.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPSS4010I Test Audit Log generated by user {0}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPTR4000I Management Controller {0} clock has been set from NTP server {1}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPTR4001I Date and Time set by user {0}: Date={1}, Time={2}, DST Auto-adjust={3}, Timezone={4}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPTR4002I Synchronize time setting by user {0}: Mode=Sync with NTP Server, NTPServerHost1={1}:{2},NTPServerHost2={3}:{4},NTPServerHost3={5}:{6},NTPServerHost4={7}:{8}, NTPUpdateFrequency={0}0].**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPTR4003I Synchronize time setting by user {0}: Mode=Sync with server clock.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0000J Numeric sensor {0} going low (lower non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN0001M Numeric sensor {0} going low (lower critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPUN0002N Numeric sensor {0} going low (lower non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN0003J Numeric sensor {0} going high (upper non-critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure

that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPUN0004M Numeric sensor {0} going high (upper critical) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n2) Make sure that the room temperature is within operating specifications.\n3) If problem persists, collect Service Data log.\n4) Contact Lenovo Support.

- **FQXSPUN0005N Numeric sensor {0} going high (upper non-recoverable) has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN0006I Sensor {0} has transitioned to idle.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0007I Sensor {0} has transitioned to active.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0008I Sensor {0} has transitioned to busy.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0009G Sensor {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Reboot the system.\n2) If the problem still exist, press F1 or use LXPM to do XCC firmware update.\n3) Collect Service Data log.\n4) Contact Lenovo Support.

- **FQXSPUN0009I Sensor {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0010I Sensor {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0011G Sensor {0} is asserting predictive failure.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Reseat the FAN that is indicated by a fault LED or the system event log.\n2) If problem persists, collect Service Data log.\n3) Contact Lenovo Support

- **FQXSPUN0012I Sensor {0} is deasserting predictive failure.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0013I Sensor {0} has indicated limit exceeded.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0014I Sensor {0} has indicated limit no longer exceeded.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0015I Sensor {0} has indicated performance met.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0016I Sensor {0} has indicated performance lags.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0017I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0018J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Reseat Power supplies and AC cycle the system.\n2) If the problem persist collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPUN0019M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Collect Service Data log.\n2) Contact Lenovo Support.

- **FQXSPUN0020N Sensor {0} has transitioned to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**



No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the XCC event log for any fan or cooling related issues and address them first.\n2) Make sure that the airflow at the front and rear of the chassis is not obstructed and that fillers are correctly installed and are in place.\n3) Make sure that the room temperature is within operating specifications.\n4) Upgrade all system and chassis (if applicable) firmware to the latest level. \nNote:\n If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before the update.\n5) If problem persists, collect Service Data log.\n6) Contact Lenovo Support.

- **FQXSPUN0021I Sensor {0} has transitioned to non-critical from a more severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0022M Sensor {0} has transitioned to critical from a non-recoverable state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN0023N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n2) Reboot the system.\n3) If problem persists, collect Service Data log and Contact Lenovo Support.\n4) For 1-2 Processor system: \n1) Reduce the compute board/system in error to a minimum configuration; 1 CPU + 1 DIMM. Does the problem still occur? Yes/No\n2) No: Add CPU and/DIMMs one and a time until the error re-occurs. Consider replacing the last CPU or DIMM that was installed that caused the error.\n3) Yes: If error/problem still exists, swap in one of the other DIMMs and/or CPUs previously removed in step a. Proceed to add HW one piece at a time to identify the bad CPU or DIMM.\n4) If the problem still exist, (trained technician only) replace system board.\n5) If problem persists, escalate to next level of support.\n5) For 4-8 Processor system: \n1) Escalate to a next level of support.

- **FQXSPUN0024I Sensor {0} indicates a monitor state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0025I Sensor {0} has an informational state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0026G Device {0} has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPUN0026I Device {0} has been added.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0027I Device {0} has been removed from unit {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0028I Device {0} has been enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0029I Device {0} has been disabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0030I Sensor {0} has indicated a running state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0031I Sensor {0} has indicated an in-test state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0032I Sensor {0} has indicated a power off state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0033I Sensor {0} has indicated a on-line state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0034I Sensor {0} has indicated an off-line state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0035I Sensor {0} has indicated an off-duty state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0036I Sensor {0} has indicated a degraded state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0037I Sensor {0} has indicated a power save state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0038J Sensor {0} has indicated an install error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN0039I Redundancy {0} has been restored.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0040L Redundancy Lost for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) If sensor is Power Resource: \n1) Check the LEDs for both power supplies.\n2) Follow the actions in Power-supply LEDs.\n2) If sensor is Backup Memory: \n1) If you have added or removed DIMMs to the system, and no additional errors were detected, then please ignore this message.\n2) Check system event log for uncorrected DIMM failures.\n3) Replace those DIMMs.\n4) Re-enable mirroring in the Setup utility.

- **FQXSPUN0041J Redundancy Degraded for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the LED's on the PSU: \n1) if AC LED is not lit, check power cord and input voltage\n2) if DC LED is not lit, remove and re-install power supply\n2) The total maximum power required by the solution exceeds the capability of PSUs. Change PSU configuration mode to no redundancy.\n3) Consider reconfiguring the solution with larger power rating PSU's.\n4) If problem persists, collect Service Data log.\n5) Contact Lenovo Support.

- **FQXSPUN0042J Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the LED's on the PSU: \n1) if AC LED is not lit, check power cord and input voltage\n2) if DC LED is not lit, remove and re-install power supply\n2) If problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPUN0043J Non-redundant:Sufficient Resources from Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN0044M Non-redundant:Insufficient Resources for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) If sensor is Power Resource: \n1) Power load may be handled by remaining power supply. The system will attempt to throttle to avoid a power supply over-current condition. But a system shutdown may happen anyway if the power load is too great.\n2) Reduce the total power consumption by removing newly added or unused options like drives or adaptors.\n3) Use the Lenovo Power Configurator utility to determine current system power consumption. For more information and to download the utility, go to <https://>

- **FQXSPUN0045J Redundancy Degraded from Full Redundancy for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN0046J Redundancy Degraded from Non-redundant for {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

None

- **FQXSPUN0047N Sensor {0} has transitioned to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the Lenovo support site for an applicable service bulletin or firmware update that applies to this error.\n2) Reboot the system.\n3) If problem persists, collect Service Data log and Contact Lenovo Support.\n4) For 1-2 Processor system: \n1) Reduce the compute board/system in error to a minimum configuration; 1 CPU + 1 DIMM. Does the problem still occur? Yes/No\n2) No: Add CPU and/DIMMs one and a time until the error re-occurs. Consider replacing the last CPU or DIMM that was installed that caused the error.\n3) Yes: If error/problem still exists, swap in one of the other DIMMs and/or CPUs previously removed in step a. Proceed to add HW one piece at a time to identify the bad CPU or DIMM.\n4) If the problem still exist, (trained technician only) replace system board.\n5) If problem persists, escalate to next level of support.\n5) For 4-8 Processor system: \n1) Escalate to a next level of support.

- **FQXSPUN0048I Sensor {0} has transitioned to normal state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN0049J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Review RAID logs to understand why the drive is on U\_BAD state.

- **FQXSPUN0050M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Investigate why the drive is offline.\n2) It is likely another event indicating a drive has failed or has been deasserted

- **FQXSPUN0051J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This depends on the context, does the foreign configuration need to be active? If yes migrate

- **FQXSPUN0052J Sensor {0} has transitioned from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the status of the battery (or SuperCap), if failed and under warranty, replace it. For the RAID battery the warranty is one year.

- **FQXSPUN0053M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace failed drive

- **FQXSPUN0054M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

This is usually consequence of a drive failure, there should be another event reporting the failure (like the one above), replace the failed drive.

- **FQXSPUN0055M Sensor {0} has transitioned to critical from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Check the status of the battery (or SuperCap), if failed and under warranty, replace it. For the RAID battery the warranty is one year. \n2) We recently received a case because the customer show this event but the supercap on both controller were optimal

- **FQXSPUN0056G Sensor {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPUN0056I Sensor {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2000I Numeric sensor {0} going low (lower non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2001I Numeric sensor {0} going low (lower critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2002I Numeric sensor {0} going low (lower non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2003I Numeric sensor {0} going high (upper non-critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2004I Numeric sensor {0} going high (upper critical) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2005I Numeric sensor {0} going high (upper non-recoverable) has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2009I Sensor {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2010I Sensor {0} has asserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2011I Sensor {0} is deasserting predictive failure.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2012G Sensor {0} is asserting predictive failure.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUN2012I Sensor {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2013I Sensor {0} has indicated limit no longer exceeded.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2014I Sensor {0} has indicated limit exceeded.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2015I Sensor {0} has indicated performance lags.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2016I Sensor {0} has indicated performance met.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2018I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2019I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2020I Sensor {0} has deasserted the transition to non-recoverable from a less severe state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPUN2023I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPUN2026I Device {0} has been removed from unit {1}.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPUN2027I Device {0} has been added.**

**Explanation**  
When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXSPUN2028I Device {0} has been disabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2029I Device {0} has been enabled.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2030I Device {0} has been removed from unit {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2038I Sensor {0} has recovered from an install error.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2040I Redundancy Lost for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2041I Redundancy Degraded for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2042I Non-redundant:Sufficient Resources from Redundancy Degraded or Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2043I Non-redundant:Sufficient Resources from Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2044I Non-redundant:Insufficient Resources for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2045I Redundancy Degraded from Fully Redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2046I Redundancy Degraded from Non-redundant for {0} has deasserted.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2047I Sensor {0} has deasserted the transition to non-recoverable.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2049I Sensor {0} has deasserted the transition from normal to non-critical state.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUN2050I Sensor {0} has transitioned to a less severe state from critical.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP0000I A hardware change occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP0001I A firmware or software change occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP0002I A firmware or software change occurred on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP0003I A firmware or software change occurred on system {0}.**

**Explanation**

null

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP0004L A hardware incompatibility was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUP0005L A firmware or software incompatibility was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Flash XCC firmware to the latest level and reboot system.\n2) If the problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPUP0006L Invalid or Unsupported hardware was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

None

- **FQXSPUP0007L Invalid or Unsupported firmware or software was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps until the problem is solved: \n1) Flash XCC firmware to the latest level and reboot system.\n2) If the problem persists, collect Service Data log.\n3) Contact Lenovo Support.

- **FQXSPUP0008I A successful hardware change was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP0009I A successful software or firmware change was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP2004I The hardware on system {0} is compatible.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP2005I The firmware or software on system {0} are compatible.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP2006I Valid and Supported hardware was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP2007I Valid and Supported firmware or software was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP2009L A failing software or firmware change was detected on system {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action; information only.

- **FQXSPUP4000I Please ensure that the Management Controller {0} is flashed with the correct firmware. The Management Controller is unable to match its firmware to the server.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP4001I Flash of {0} from {1} succeeded for user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP4002I Flash of {0} from {1} failed for user {2}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP4003I {0} firmware mismatch internal to system {1}. Please attempt to flash the {2} firmware.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP4004I XCC firmware mismatch between nodes {0} and {1}. Please attempt to flash the XCC firmware to the same level on all nodes.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPUP4005I FPGA firmware mismatch between nodes {0} and {1}. Please attempt to flash the FPGA firmware to the same level on all nodes.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPWD0000I Watchdog Timer expired for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPWD0001I Reboot of system {0} initiated by watchdog {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPWD0002I Powering off system {0} initiated by watchdog {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPWD0003I Power cycle of system {0} initiated by watchdog {1}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXSPWD0004I Watchdog Timer interrupt occurred for {0}.**

**Explanation**

When a hardware event is detected by the Lenovo XClarity Controller on the server, the Lenovo XClarity Controller writes that event in the system-event log on the server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

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## Chapter 3. Events and alerts from Schneider Electric EcoStruxure IT Expert

Lenovo XClarity Orchestrator reports information about all hardware-related *alarms* that are collected by the Schneider Electric EcoStruxure IT Expert. These alarm messages are listed in events or alerts log.

The alarms that are collected by the EcoStruxure IT Expert are categorized into three message IDs by XClarity Orchestrator. The message for each message ID varies depending on the issue and the type of infrastructure device that reported the issue.

- **FQXXOEX0001I.** Informational. No action is required. The alarm was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **FQXXOEX0001J.** Warning. No action is required, or action can be deferred. The alarm is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **FQXXOEX0001K.** Critical. Immediate action is required. The alarm is a failure or critical condition that impairs service or an expected function.



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## Chapter 4. List of chassis events

Use these links to find information about hardware-related events that can be reported by Lenovo XClarity Orchestrator for supported Lenovo chassis.

- [Carrier-Grade Chassis Type 7385](#)
- [Enterprise Chassis Types 7893, 8721, and 8724](#)





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## Chapter 5. Events and alerts from ThinkAgile, ThinkEdge, ThinkSystem, System x, Flex System, Converged HX Series, and NeXtScale servers and compute nodes

Use these links to find information about hardware-related events that Lenovo XClarity Orchestrator can report for supported Lenovo servers.

### ThinkAgile HX servers

- HX1020 (7D1Z, 7D2T)
- HX1021 (7D20, 7D29) – based on
- HX1220 (7Z06) – based on [ST550 \(7X09, 7X10\)](#)
- HX1221 Certified (7Z07) – based on [ST550 \(7X09, 7X10\)](#)
- HX1320 (7X83) – based on [SR630 \(7X01, 7X02\)](#)
- HX1321 Certified (7Y89, 7Z04) – based on [SR630 \(7X01, 7X02\)](#)
- HX1330 (7Z85) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- HX1331 (7D52) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- HX1520-R (7X84) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX1521-R Certified (7Y90, 7Z05) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX2320 (7X83) – based on [SR630 \(7X01, 7X02\)](#)
- HX2320-E (7X83) – based on [SR630 \(7X01, 7X02\)](#)
- HX2321 (7Z04, 7Y89) – based on [SR630 \(7X01, 7X02\)](#)
- HX2330 (7Z85) – based on – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- HX2331 (7D52) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- HX2520-R (7X84) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX2720-E (7X82) – based on [SD530 \(7X21\)](#)
- HX3320 (7X83) – based on [SR630 \(7X01, 7X02\)](#)
- HX3321 Certified (7Y89, 7Z04) – based on [SR630 \(7X01, 7X02\)](#)
- HX3330 (7D0Z, 7Z85) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- HX3331 Certified (7D11, 7D52) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- HX3375 (7D5U)
- HX3376 (7D5U)
- HX3520-G (7X84) - based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX3521-G (7Y90,7Z05) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX3720 (7X82) – based on [SD530 \(7X21\)](#)
- HX3721 Certified (7Y88, 7Z03) – based on [SD530 \(7X21\)](#)
- HX5520 (7X84) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX5520-C (7X84) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX5521 Certified (7Y90, 7Z05) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX5521-C Certified (7Y90 ,7Z05) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX5530 (7Z82) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- HX5531 (7Z84) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- HX7321-N Certified (7Y89, 7Z04) – based on [SR630 \(7X01, 7X02\)](#)
- HX7520 (7X84) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX7521 Certified (7Y90, 7Z05) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX7521-N Certified (7Y90, 7Z05) – based on [SR630 \(7X01, 7X02\)](#)
- HX7530 (7D0W, 7Z82) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- HX7531 Certified (7D0Y, 7Z84) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- HX7721-N Certified (7Y88, 7Z03) – based on [SD530 \(7X21\)](#)
- HX7820 (7Y95,7Z08) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- HX7821 (7Y96,7Z09) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)

### ThinkAgile MX servers

- MX Certified (7Z20) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- MX1020 (7D5S, 7D5T) – based on [SE350 \(7D1X, 7D27, 7Z46\)](#)
- MX1021 (7D1B, 7D2U) – based on [SE350 \(7D1X, 7D27, 7Z46\)](#)
- MX3330 (7D19) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- MX3331 Certified (7D67) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- MX3520-H Hybrid Appliance (7D5R) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- MX3520-F All-flash Appliance (7D5R) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- MX3530 (7D6B) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- MX3531 Certified (7D66) – based on [SR630 V2 \(7Z70, 7Z71\)](#)

### ThinkAgile SX servers

- SXM4200 (9565, 7Y34) – based on [x3650 M5 \(8871\)](#)
- SXM4400 (9565, 7Y34) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- SXM6200 (9565, 7Y34) – based on [x3650 M5 \(8871\)](#)
- SXM6400 (9565, 7Y34) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- SXN3000 (9565) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)

### ThinkAgile VX servers

- VX 1U Certified (7Y93) – based on [SR630 \(7X01, 7X02\)](#)
- VX 2U Certified (7Y94) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX 2U4N Certified (7Y92) – based on [SD530 \(7X21\)](#)
- VX1320 Certified (7Z58) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX2320 (7Y13, 7Y93) – based on [SR630 \(7X01, 7X02\)](#)
- VX2330 (7Z62) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- X2375 (7D82) – based on [SR645 \(7D2X, 7D2Y\)](#)
- VX3310 (7Y13) – based on [SR630 \(7X01, 7X02\)](#)
- VX3320 (7Y93) – based on [SR630 \(7X01, 7X02\)](#)
- VX3330 (7Z62) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- VX3331 Certified (7Z62) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- VX3375 (7D82) – based on [SR645 \(7D2X, 7D2Y\)](#)
- VX3376 Certified (7D82) – based on [SR645 \(7D2X, 7D2Y\)](#)
- VX3510-G (7Y14) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX3520-G (7Y94) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX3530-G (7Z63) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- VX3575-G (7D43) – based on [SR665 \(7D2V, 7D2W\)](#)
- VX3720 (7Y12, 7Y92) – based on [SD530 \(7X21\)](#)
- VX3720-N (7Y93) – based on [SR630 \(7X01, 7X02\)](#)
- VX5520 (7Y14, 7Y94) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX5530 (7Z63) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- VX5575 (7D43) – based on [SR665 \(7D2V, 7D2W\)](#)
- VX7320 (7Y94) – based on [SR630 \(7X01, 7X02\)](#)
- VX7330 (7Z62) – based on [SR630 V2 \(7Z70, 7Z71\)](#)
- VX7375-N (7D82) – based on [SR630 \(7X01, 7X02\)](#)
- VX7510 (7Y14) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX7520 (7Y94) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX7520-N (7Y14) – based on [SR650 \(7X05, 7X06, 7D4K\)](#)
- VX7530 (7Z63) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- VX7531 Certified (7Z63) – based on [SR650 V2 \(7Z72, 7Z73, 7D15\)](#)
- VX7575 (7D43) – based on [SR665 \(7D2V, 7D2W\)](#)
- VX7576 Certified (7D43) – based on [SR665 \(7D2V, 7D2W\)](#)
- VX7820 (7Z12, 7Z13, 7Z14)

### ThinkEdge

- [SE350 \(7D1X, 7D27, 7Z46\)](#)
- [SE450 \(7D8T\)](#)

### ThinkSystem serves

- SD530 (7X21)
- SD630 V2 (7D1K)
- SD650 (7X58)
- SD650 V2 (7D1M, 7D1N)
- SD650 V3 (7D7L)
- SD665 V3 (7D9P)
- SN550 (7X16)
- SN550 V2 (7Z69)
- SN850 (7X15)
- SR150 (7Y54)
- SR158 (7Y55) China only
- SR250 (7Y51, 7Y52, 7Y72, 7Y73)
- SR258 (7Y53) China only
- SR250 V2 (7D7Q, 7D7R)
- SR258 V2 (7D7S) China only
- SR530 (7X07, 7X08)
- SR550 (7X03, 7X04)
- SR558 (7Y15, 7Y16) China only
- SR570 (7Y02, 7Y03)
- SR590 (7X98, 7X99)
- SR630 (7X01, 7X02)
- SR630 V2 (7Z70, 7Z71)
- SR630 V3 (7D72, 7D73, 7D74)
- SR635 (7Y98, 7Y99)
- SR645 (7D2X, 7D2Y)
- SR645 V3 (7D9C, 7D9D)
- SR650 (7X05, 7X06, 7D4K)
- SR650 V2 (7Z72, 7Z73, 7D15)
- SR650 V3 (7D75, 7D76, 7D77)
- SR655 (7Y00, 7Z01)
- SR665 (7D2V, 7D2W)
- SR670 (7Y36, 7Y37, 7Y38)
- SR670 V2 (7Z22, 7Z23)
- SR850 (7X18, 7X19)
- SR850P (7D2F, 7D2G, 7D2H)
- SR850 V2 (7D31, 7D32, 7D33)
- SR860 (7X69, 7X70)
- SR860 V2 (7D42, 7Z59, 7Z60)
- SR950 (7X11, 7X12, 7X13)
- ST250 (7Y45, 7Y46)
- ST258 (7Y47) China only
- ST250 V2 (7D8F, 7D8G)
- ST258 V2 (7D8H) China only
- ST550 (7X09, 7X10)
- ST650 V2 (7Z74, 7Z75)
- 

### **System x servers**

- iDataPlex dx360 M4 (7912, 7913)
- x3100 M4 (2582)
- x3100 M5 (5457)
- x3250 M4 (2583)
- x3250 M5 (5458)
- x3250 M6 (3633, 3943)
- x3300 M4 (7382)

- x3500 M4 (7383)
- x3530 M4 (7160)
- x3550 M4 (7914)
- x3550 M5 (5463)
- x3500 M5 (5464)
- x3550 M5 (8869)
- x3630 M4 (7158, 7159, 8103)
- x3650 M4 (7915)
- x3650 M4 BD (5466)
- x3650 M4 HD (5460)
- x3650 M5 (5462)
- x3650 M5 (8871)
- x3750 M4 (8722, 8733)
- x3750 M4 (8752, 8718)
- x3750 M4 (8753, 8754)
- x3850 X5 (7143, 7145)
- x3850 X6 (3837, 3839)
- x3850 X6 (6241)
- x3950 X5 (7143, 7145)
- x3950 X6 (3837, 3839)
- x3950 X6 (6241)

#### **Flex System servers**

- x220 ( 2585, 7906)
- x222 (2589, 7916)
- x240 (2588, 7162)
- x240 (7863, 8737, 8738, 8956)
- x240 M5 (2591, 9532)
- x280 X6, x480 X6, and x880 X6 (4258, 7196)
- x280 X6, x480 X6, and x880 X6 (4259, 7903)
- x440 (2584, 7917)
- x440 (2590, 7167)

#### **Converged HX Series appliances**

- HX1310 (8693)
- HX2310-E (8693)
- HX2710-E (8689)
- HX3310 (8693)
- HX3310-F (8693)
- HX3500 (5462)
- HX3510-G (8695)
- HX3710 (8689)
- HX3710-F (8689)
- HX5500 (5462)
- HX5510 (8695)
- HX5510-C (8695)
- HX7500 (5462)
- HX7510 (8695)

#### **NeXtScale servers**

- nx360 M4 (5455)
- nx360 M5 (5465)

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## Chapter 6. Events and alerts from ThinkServer servers

Lenovo XClarity Orchestrator reports information about all management-server and hardware-related events and alerts that are generated or collected by ThinkServer servers. These messages are listed in events or alerts log.

The following information is provided for each event message.

### Event identifier

A string that uniquely identifies the event or class of events. This is a 12 or 14-character string in the following format.

**FQX***ppnnn*

where:

- *pp* indicates the product where the event originate, as follows.
  - **HMTS**
  - **TS**
- *nnn* identifies the specific message.

### Severity

An indication of the level of concern for the condition, as follows.

- **Informational**. The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning**. The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical**. The event is a failure or critical condition that impairs service or an expected function.

### Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

### Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

### User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

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## List of ThinkServer events

This section lists all ThinkServer events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXHMTS0001G A trap alert destination subscription failure occurred when user {0} managed server {1}.**

### Explanation

This will cause the management server to not receive events from managed server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed server's user interface for this server, and add the management server IP address into the Alert Policy to receive notifications.

- **FQXHMTS0002G A trap alert destination unsubscription failure occurred when user {0} unmanaged server {1}.**

**Explanation**

This will cause the management server to continue to receive events on this server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed server's user interface for this server, and remove the Alert Policy created.

- **FQXHMTS0003G Inventory data could not be retrieved from the endpoint {0}. BIOS: {1}, BMC: {2}.**

**Explanation**

The attempt to retrieve the most updated inventory data has failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint.

- **FQXHMTS0004G Credentials could not be updated from endpoint {0}.**

**Explanation**

Security policies could not be updated when accessing the endpoint.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0005G User {0} cannot removed the credentials from endpoint {1}.**

**Explanation**

Security policies could not be removed from the endpoint.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0006G User {0} cannot remove endpoint {1}.**

**Explanation**

An error occurred when attempting to remove the endpoint.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0007G There is no IPMI user slot available in the endpoint when user {0} was managing the server {1}.**

**Explanation**

There is no user slot available to create a user in the end point.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed server and remove any users that are no longer used.

- **FQXHMTS0008G The NTP server could not be set on the endpoint when user {0} was managing the server {1}.**

**Explanation**

This will likely render the endpoint time unsynchronized to the management server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed server and set the NTP server in the Date/Time options.

- **FQXHMTS0009G Endpoint {0} could not be accessed because credentials were refused.**

**Explanation**

The operation cannot be performed because of a problem with the credentials.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Attempt to manage the endpoint again. Then attempt to perform the operation again.

- **FQXHMTS0010G Endpoint {0} could not be accessed.**

**Explanation**

The operation cannot be performed because of a problem with the endpoint connectivity.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMTS0011G User {0} cannot access the endpoint {1}.**

**Explanation**

The operation performed to the server failed due to an internal communication infrastructure failure.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restart the management server and retry the operation. If the problem persists, contact Support.

- **FQXTS1011456 System Firmware Progress: BIOS POST code error**

**Explanation**

System Firmware Progress: BIOS POST code error

**Severity****Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the support site for any applicable service bulletins or firmware updates that might apply to this issue.
2. If the problem persists, contact Support.

- **FQXTS1011457 System Firmware Hang**

**Explanation**

System Firmware Hang

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the support site for any applicable service bulletins or firmware updates that might apply to this issue.
2. Update the BIOS/UEFI firmware.
3. If the problem persists, contact Support.

- **FQXTS1011458 System Firmware Progress**

**Explanation**

System Firmware Progress

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1011584 System Firmware Progress: BIOS POST code error Cleared**

**Explanation**

System Firmware Progress: BIOS POST code error Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1011585 System Firmware Hang Cleared**

**Explanation**

System Firmware Hang Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1011586 System Firmware Progress Completed**

**Explanation**

System Firmware Progress Completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1076992 Correctable Memory Error Logging Disabled**

**Explanation**

Correctable Memory Error Logging Disabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1076993 Event Type Logging Disabled.**

**Explanation**

Event Type Logging Disabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1076994 SEL Area Reset/Cleared**

**Explanation**

SEL Area Reset/Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1076995 System Event Logging Disabled**

**Explanation**

System Event Logging Disabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no user action required.

- **FQXTS1076996 SEL Full.**

**Explanation**

SEL Full.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1076997 SEL Almost Full.**

**Explanation**

SEL Almost Full.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1076998 Correctable Machine Check Error Logging Disabled**

**Explanation**

Correctable Machine Check Error Logging Disabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1077120 Correctable Memory Error Logging Enabled**

**Explanation**

Correctable Memory Error Logging Enabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1077121 Event Type Logging Enabled.**

**Explanation**

Event Type Logging Enabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1077122 SEL Area Reset/Cleared Event Deasserted**

**Explanation**

SEL Area Reset/Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1077123 System Event Logging Enabled**

**Explanation**

System Event Logging Enabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1077124 SEL Full Event Cleared**
  - Explanation**  
SEL Full Event Cleared
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS1077125 SEL Almost Full Event Cleared**
  - Explanation**  
SEL Almost Full Event Cleared
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS1077126 Correctable Machine Check Error Logging Enabled**
  - Explanation**  
Correctable Machine Check Error Logging Enabled
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS1142528 BIOS Watchdog Reset**
  - Explanation**  
BIOS Watchdog Reset
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS1142529 OS Watchdog Reset**
  - Explanation**  
OS Watchdog Reset

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142530 OS Watchdog Shut Down**

**Explanation**

OS Watchdog Shut Down

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142531 OS Watchdog Power Down**

**Explanation**

OS Watchdog Power Down

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142532 OS Watchdog Power Cycle**

**Explanation**

OS Watchdog Power Cycle

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142533 OS Watchdog NMI / Diagnostic Interrupt**

**Explanation**

OS Watchdog NMI / Diagnostic Interrupt

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142534 OS Watchdog Expired, status only**

**Explanation**

OS Watchdog Expired, status only

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142535 OS Watchdog pre-timeout Interrupt, non-NMI**

**Explanation**

OS Watchdog pre-timeout Interrupt, non-NMI

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142656 BIOS Watchdog Reset Deasserted**

**Explanation**

BIOS Watchdog Reset Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142657 OS Watchdog Reset Deasserted**

**Explanation**

OS Watchdog Reset Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142658 OS Watchdog Shut Down Deasserted**

**Explanation**

OS Watchdog Shut Down Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142659 OS Watchdog Power Down Deasserted**

**Explanation**

OS Watchdog Power Down Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142660 OS Watchdog Power Cycle Deasserted**

**Explanation**

OS Watchdog Power Cycle Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142661 OS Watchdog NMI / Diagnostic Interrupt Cleared**

**Explanation**

OS Watchdog NMI / Diagnostic Interrupt Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142662 OS Watchdog Expired, status only Event Cleared**

**Explanation**



OS Watchdog Expired, status only Event Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1142663 OS Watchdog pre-timeout Interrupt Cleared**

**Explanation**

OS Watchdog pre-timeout Interrupt Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208064 System Reconfigured**

**Explanation**

System Reconfigured

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208066 Undetermined system hardware failure**

**Explanation**

Undetermined system hardware failure

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If Call Home has been enabled, Support has been notified. If Call Home has not been enabled, contact Support. To automatically notify Support for future events, enable Call Home through the LXCA web interface.

- **FQXTS1208067 SEL Entry added to Auxiliary Log**

**Explanation**

SEL Entry added to Auxiliary Log

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208068 PEF Action is about to be taken. Event filters have been matched.**

**Explanation**

PEF Action is about to be taken. Event filters have been matched.

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208069 Timestamp Clock Synch**

**Explanation**

Timestamp Clock Synch

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208192 System Reconfigured Event Cleared**

**Explanation**

System Reconfigured Event Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208193 OEM System Boot Event Cleared**

**Explanation**

OEM System Boot Event Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208194 Undetermined system hardware failure Cleared**

**Explanation**

Undetermined system hardware failure Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208195 SEL Entry added to Auxiliary Log Deasserted**

**Explanation**

SEL Entry added to Auxiliary Log Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208196 PEF Action Event Deasserted**

**Explanation**

PEF Action Event Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1208197 Timestamp Clock Synch Event Deasserted**

**Explanation**

Timestamp Clock Synch Event Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273728 Front Panel NMI / Diagnostic Interrupt Cleared**

**Explanation**

Front Panel NMI / Diagnostic Interrupt Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273729 Critical Interrupt, Bus Timeout error Cleared**

**Explanation**

Critical Interrupt, Bus Timeout error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273730 Critical Interrupt, IO Channel check NMI error Cleared**

**Explanation**

Critical Interrupt, IO Channel check NMI error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273731 Critical Interrupt, software NMI error Cleared**

**Explanation**

Critical Interrupt, software NMI error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273732 Critical Interrupt, PCI PERR parity error Cleared**

**Explanation**

Critical Interrupt, PCI PERR parity error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273733 Critical Interrupt, PCI SERR parity error Cleared**

**Explanation**

Critical Interrupt, PCI SERR parity error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273734 Critical Interrupt, EISA Fail Safe Timeout Event Cleared**

**Explanation**

Critical Interrupt, EISA Fail Safe Timeout Event Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273735 Critical Interrupt, Bus Correctable Error Cleared**

**Explanation**

Critical Interrupt, Bus Correctable Error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273736 Critical Interrupt, Bus Uncorrectable error Cleared**

**Explanation**

Critical Interrupt, Bus Uncorrectable error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273737 Critical Interrupt, Fatal NMI error Cleared**

**Explanation**

Critical Interrupt, Fatal NMI error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273738 Critical Interrupt, Bus Fatal Error Cleared**

**Explanation**

Critical Interrupt, Bus Fatal Error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1273739 Critical Interrupt, Bus Degraded (bus operating in a degraded performance state) Event Cleared**

**Explanation**

Critical Interrupt, Bus Degraded (bus operating in a degraded performance state) Event Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131330 Under-Voltage Warning (Lower critical, going low)**

**Explanation**

Critical Under-Voltage problem (Lower critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.
4. Check for a server firmware update.
5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.
6. (Trained technician only) Replace the system board.

- **FQXTS131331 Under-Voltage Warning (Lower critical, going high)**

**Explanation**

Critical Under-Voltage problem (Lower critical, going high)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.
4. Check for a server firmware update.
5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.
6. (Trained technician only) Replace the system board.

- **FQXTS131332 Under-Voltage Warning (Lower non-recoverable, going low)**

**Explanation**

Critical Under-Voltage problem (Lower non-recoverable, going low)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.
4. Check for a server firmware update.

5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.

6. (Trained technician only) Replace the system board.

- **FQXTS131333 Under-Voltage Warning (Lower non-recoverable, going high)**

**Explanation**

Critical Under-Voltage problem (Lower non-recoverable, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check the system-event log.
2. Check for an error LED on the system board.
3. Replace any failing device.
4. Check for a server firmware update.
5. Important: Some cluster solutions require specific code levels or coordinated code updates. If the device is part of a cluster solution, verify that the latest level of code is supported for the cluster solution before you update the code.
6. (Trained technician only) Replace the system board.

- **FQXTS131336 Over-Voltage Warning (Upper critical, going low)**

**Explanation**

Critical Over-Voltage problem (Upper critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

- **FQXTS131337 Over-Voltage Warning (Upper critical, going high)**

**Explanation**

Critical Over-Voltage problem (Upper critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS131338 Over-Voltage Warning (Upper non-recoverable, going low)**

**Explanation**

Critical Over-Voltage problem (Upper non-recoverable, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS131339 Over-Voltage Warning (Upper non-recoverable, going high)**

**Explanation**

Critical Over-Voltage problem (Upper non-recoverable, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS131456 Under-Voltage Warning (Lower non-critical, going low) Cleared**

**Explanation**

Under-Voltage Warning (Lower non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131457 Under-Voltage Warning (Lower non-critical, going high)Cleared**

**Explanation**

Under-Voltage Warning (Lower non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131458 Under-Voltage Warning (Lower critical, going low)Cleared**

**Explanation**

Critical Under-Voltage problem (Lower critical, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131459 Under-Voltage Warning (Lower critical, going high) Cleared**

**Explanation**

Critical Under-Voltage problem (Lower critical, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131460 Under-Voltage Warning (Lower non-recoverable, going low)Cleared**

**Explanation**

Critical Under-Voltage problem (Lower non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131461 Under-Voltage Warning (Lower non-recoverable, going high) Cleared**

**Explanation**

Critical Under-Voltage problem (Lower non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131462 Over-Voltage Warning (Upper non-critical, going low) Cleared**

**Explanation**

Over-Voltage Warning (Upper non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131463 Over-Voltage Warning (Upper non-critical, going high)Cleared**

**Explanation**

Over-Voltage Warning (Upper non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS131464 Over-Voltage Warning (Upper critical, going low) Cleared**

**Explanation**

Critical Over-Voltage problem (Upper critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- FQXTS131465 Over-Voltage Warning (Upper critical, going high)Cleared**

**Explanation**  
Critical Over-Voltage problem (Upper critical, going high)Cleared

**Severity**

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- FQXTS131466 Over-Voltage Warning (Upper non-recoverable, going low)Cleared**

**Explanation**  
Critical Over-Voltage problem (Upper non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- FQXTS131467 Over-Voltage Warning (Upper non-recoverable, going high) Cleared**

**Explanation**  
Critical Over-Voltage problem (Upper non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- FQXTS131840 Generic Critical Voltage Problem Cleared**

**Explanation**  
Generic Critical Voltage Problem Cleared

**Severity**

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- FQXTS131841 Generic Critical Voltage Problem (Transition to Critical from less severe)**

**Explanation**  
Generic Critical Voltage Problem (Transition to Critical from less severe)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

- **FQXTS132864 Generic Critical Voltage Problem Cleared(Transition to OK)**

**Explanation**

Generic Critical Voltage Problem Cleared(Transition to OK)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS132866 Generic Critical Voltage Problem (Transition to Critical from less severe)**

**Explanation**

Generic Critical Voltage Problem (Transition to Critical from less severe)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

- **FQXTS132869 Generic Voltage Warning (Transition to Non-Recoverable)**

**Explanation**

Generic Voltage Warning (Transition to Non-Recoverable)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS132870 Generic Discrete Voltage (Monitor)**

**Explanation**

Generic Discrete Voltage (Monitor)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

• **FQXTS132871 Generic Discrete Voltage (Informational)**

**Explanation**

Generic Discrete Voltage (Informational)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

• **FQXTS1339136 Power Button pressed.**

**Explanation**

Power Button pressed.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

• **FQXTS1339137 Sleep Button pressed.**

**Explanation**

Sleep Button pressed.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339138 Reset Button pressed.**

**Explanation**

Reset Button pressed.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339139 FRU latch open**

**Explanation**

FRU latch open (Switch indicating FRU latch is in unlatched position and FRU is mechanically removable)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339140 FRU service request button**

**Explanation**

FRU service request button

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339264 Power Button Released.**

**Explanation**

Power Button Released.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339265 Sleep Button Released.**

**Explanation**

Sleep Button Released.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339266 Reset Button Released.**

**Explanation**

Reset Button Released.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339267 FRU latch Closed**

**Explanation**

FRU latch Closed (Switch indicating FRU latch is in latched position)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1339268 FRU service request button Released**

**Explanation**

FRU service request button Released

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Information only; no action is required.

- **FQXTS1377024 Module/Board State Deasserted**

**Explanation**

Module/Board State Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1377025 Module/Board State Asserted**

**Explanation**

Module/Board State Asserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1377280 Module/Board Predictive Failure Deasserted**

**Explanation**

Module/Board Predictive Failure Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1377281 Module/Board Predictive Failure Asserted**

**Explanation**

Module/Board Predictive Failure Asserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1442560 Microcontroller/Coprocessor State Deasserted**

**Explanation**

Microcontroller/Coprocessor State Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1442561 Microcontroller/Coprocessor State Asserted**

**Explanation**

Microcontroller/Coprocessor State Asserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1442816 Microcontroller/Coprocessor Predictive Failure Deasserted**

**Explanation**

Microcontroller/Coprocessor Predictive Failure Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1442817 Microcontroller/Coprocessor Predictive Failure Asserted**

**Explanation**

Microcontroller/Coprocessor Predictive Failure Asserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1508096 Add-in Card State Deasserted**

**Explanation**

Add-in Card State Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1508097 Add-in Card State Asserted**

**Explanation**

Add-in Card State Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1508352 Add-in Card Predictive Failure Deasserted**

**Explanation**

Add-in Card Predictive Failure Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1508353 Add-in Card Predictive Failure Asserted**

**Explanation**

Add-in Card Predictive Failure Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1573632 Chassis State Deasserted**

**Explanation**

Chassis State Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1573633 Chassis State Asserted**

**Explanation**

Chassis State Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1573888 Chassis Predictive Failure Deasserted**

**Explanation**

Chassis Predictive Failure Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1573889 Chassis Predictive Failure Asserted**

**Explanation**

Chassis Predictive Failure Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1639168 Chip Set State Deasserted**

**Explanation**

Chip Set State Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1639169 Chip Set State Asserted**

**Explanation**

Chip Set State Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1639424 Chip Set Predictive Failure Deasserted**

**Explanation**

Chip Set Predictive Failure Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1639425 Chip Set Predictive Failure Asserted**

**Explanation**

Chip Set Predictive Failure Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1666944 Soft Power Control Failure Cleared**

**Explanation**

Chip Set started responding to BMC request to change system power state.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1666945 Thermal Trip Cleared**

**Explanation**

Thermal Trip Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1704704 FRU State Deasserted**

**Explanation**

FRU State Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1704705 FRU State Asserted**

**Explanation**

FRU State Asserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1704960 FRU Predictive Failure Deasserted**

**Explanation**

FRU Predictive Failure Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1704961 FRU Predictive Failure Asserted**

**Explanation**

FRU Predictive Failure Asserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1770240 Cable / Interconnect State Deasserted**

**Explanation**

Cable / Interconnect State Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1770241 Cable / Interconnect State Asserted**

**Explanation**

Cable / Interconnect State Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1770496 Cable / Interconnect Predictive Failure Deasserted**

**Explanation**

Cable / Interconnect Predictive Failure Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1770497 Cable / Interconnect Predictive Failure Asserted**

**Explanation**

Cable / Interconnect Predictive Failure Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1771520 Cable / Interconnect Device Removed/Absent**

**Explanation**

Cable / Interconnect Device Removed/Absent

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1771521 Cable / Interconnect Device Inserted/Present**

**Explanation**

Cable / Interconnect Device Inserted/Present

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1797888 Cable/Interconnect is connected**

**Explanation**

Cable/Interconnect is connected

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1797889 Configuration Error**

**Explanation**

Configuration Error - Incorrect cable connected / Incorrect interconnection

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1798017 Configuration Error Cleared**

**Explanation**



Configuration Error Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1835776 Terminator State Deasserted**

**Explanation**

Terminator State Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1835777 Terminator State Asserted**

**Explanation**

Terminator State Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1836032 Terminator Predictive Failure Deasserted**

**Explanation**

Terminator Predictive Failure Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1836033 Terminator Predictive Failure Asserted**

**Explanation**

Terminator Predictive Failure Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928960 System Boot / Restart Initiated by power up**

**Explanation**

System Boot / Restart Initiated by power up

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928961 System Boot / Restart Initiated by Hard Reset**

**Explanation**

System Boot / Restart Initiated by Hard Reset

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928962 System Boot / Restart Initiated by Warm Reset**

**Explanation**

System Boot / Restart Initiated by Warm Reset

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928963 System Boot / Restart - User requested PXE boot**

**Explanation**

System Boot / Restart - User requested PXE boot

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928964 System Boot / Restart - Automatic boot to diagnostic**

**Explanation**

System Boot / Restart - Automatic boot to diagnostic

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928965 System Boot / Restart - OS / run-time software initiated hard reset**

**Explanation**

System Boot / Restart - OS / run-time software initiated hard reset

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928966 System Boot / Restart - OS / run-time software initiated Warm reset**

**Explanation**

System Boot / Restart - OS / run-time software initiated Warm reset

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1928967 System Boot / Restart - Restart cause per Get System Restart Cause command**

**Explanation**

System Boot / Restart - Restart cause per Get System Restart Cause command

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929088 System Boot / Restart Initiated by power up Deasserted**

**Explanation**

System Boot / Restart Initiated by power up Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929089 System Boot / Restart Initiated by Hard Reset Deasserted**

**Explanation**

System Boot / Restart Initiated by Hard Reset Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929090 System Boot / Restart Initiated by Warm Reset Deasserted**

**Explanation**

System Boot / Restart Initiated by Warm Reset Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929091 System Boot / Restart - User requested PXE boot Deasserted**

**Explanation**

System Boot / Restart - User requested PXE boot Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929092 System Boot / Restart - Automatic boot to diagnostic Deasserted**

**Explanation**

System Boot / Restart - Automatic boot to diagnostic Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929093 System Boot / Restart - OS / run-time software initiated hard reset Deasserted**

**Explanation**

System Boot / Restart - OS / run-time software initiated hard reset Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929094 System Boot / Restart - OS / run-time software initiated Warm reset Deasserted**

**Explanation**

System Boot / Restart - OS / run-time software initiated Warm reset Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1929095 System Boot / Restart - Restart cause per Get System Restart Cause command Deasserted**

**Explanation**

System Boot / Restart - Restart cause per Get System Restart Cause command Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS196866 Under-Current Warning (Lower critical, going low)**

**Explanation**

Critical Under-Current problem (Lower critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS196867 Under-Current Warning (Lower critical, going high)**

**Explanation**

Critical Under-Current problem (Lower critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS196868 Under-Current Warning (Lower non-recoverable, going low)**

**Explanation**

Critical Under-Current problem (Lower non-recoverable, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS196869 Under-Current Warning (Lower non-recoverable, going high)**

**Explanation**

Critical Under-Current problem (Lower non-recoverable, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the specified sensor is Planar 3.3 or Planar 5V, (Trained technician only) replace the system board.
2. If the specified sensor is Planar 12V, complete the following steps until the problem is solved:
  - a. Check power supply n LED.
  - b. Remove the failing power supply.
  - c. (Trained technician only) Replace the system board.

• **FQXTS196872 Over-Current Warning (Upper critical, going low)**

**Explanation**

Critical Over-Current problem (Upper critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

• **FQXTS196873 Over-Current Warning (Upper critical, going high)**

**Explanation**

Critical Over-Current problem (Upper critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

• **FQXTS196874 Over-Current Warning (Upper non-recoverable, going low)**

**Explanation**

Critical Over-Current problem (Upper non-recoverable, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

- **FQXTS196875 Over-Current Warning (Upper non-recoverable, going high)**

**Explanation**

Critical Over-Current problem (Upper non-recoverable, going high)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The specified power supply encountered an over-current error. The user action is to replace the power supply at the next scheduled maintenance opportunity.

- **FQXTS196992 Under-Current Warning (Lower non-critical, going low) Cleared**

**Explanation**

Under-Current Warning (Lower non-critical, going low) Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS196993 Under-Current Warning (Lower non-critical, going high)Cleared**

**Explanation**

Under-Current Warning (Lower non-critical, going high)Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS196994 Under-Current Warning (Lower critical, going low)Cleared**

**Explanation**

Critical Under-Current problem (Lower critical, going low)Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Information only; no action is required.

- **FQXTS196995 Under-Current Warning (Lower critical, going high) Cleared**

**Explanation**

Critical Under-Current problem (Lower critical, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS196996 Under-Current Warning (Lower non-recoverable, going low)Cleared**

**Explanation**

Critical Under-Current problem (Lower non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS196997 Under-Current Warning (Lower non-recoverable, going high) Cleared**

**Explanation**

Critical Under-Current problem (Lower non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS196998 Over-Current Warning (Upper non-critical, going low) Cleared**

**Explanation**

Over-Current Warning (Upper non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS196999 Over-Current Warning (Upper non-critical, going high)Cleared**

**Explanation**

Over-Current Warning (Upper non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS197000 Over-Current Warning (Upper critical, going low) Cleared**

**Explanation**

Critical Over-Current problem (Upper critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS197001 Over-Current Warning (Upper critical, going high)Cleared**

**Explanation**

Critical Over-Current problem (Upper critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS197002 Over-Current Warning (Upper non-recoverable, going low)Cleared**

**Explanation**

Critical Over-Current problem (Upper non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS197003 Over-Current Warning (Upper non-recoverable, going high) Cleared**

**Explanation**

Critical Over-Current problem (Upper non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1994496 Boot Error - No bootable media**

**Explanation**

Boot Error - No bootable media

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Install and configure a boot media. Then, attempt to power on and boot the server again.

- **FQXTS1994498 Boot Error - PXE Server not found**

**Explanation**

Boot Error - PXE Server not found

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the LEDs on the network adapter (NIC).
2. Verify that the network cable is connected.
3. Verify that the PXE server is functional.

- **FQXTS1994499 Boot Error - Invalid boot sector**

**Explanation**

Boot Error - Invalid boot sector

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Replace the hard drive.
2. Rebuild the array.

- **FQXTS1994500 Boot Error - Timeout waiting for user selection of boot source**

**Explanation**

Boot Error - Timeout waiting for user selection of boot source

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1994624 Found bootable media**

**Explanation**

Found bootable media

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1994625 Bootable diskette Found**

**Explanation**

Bootable diskette Found

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1994626 PXE Server found**

**Explanation**

PXE Server found

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1994627 Found Valid boot sector**

**Explanation**

Found valid boot sector

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS1994628 User selected boot source**

**Explanation**

User selected boot source

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2060032 A: boot completed**

**Explanation**

A: boot completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2060033 C: boot completed**

**Explanation**

C: boot completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2060034 PXE boot completed**

**Explanation**

PXE boot completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2060035 Diagnostic boot completed**

**Explanation**

Diagnostic boot completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2060036 CDRROM boot completed**

**Explanation**

CDROM boot completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2060037 ROM boot completed**

**Explanation**

ROM boot completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2060038 Boot completed - boot device not specified**

**Explanation**

Boot completed - boot device not specified

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125570 OS Stop / Shutdown - Graceful Stop**

**Explanation**

OS Stop / Shutdown - Graceful Stop (system powered up, but normal OS operation has shut down and system is awaiting reset pushbutton, powercycle or other external input)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125571 OS Stop / Shutdown - Graceful Shutdown**

**Explanation**

OS Stop / Shutdown - Graceful Shutdown (system graceful power down by OS)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125572 OS Stop / Shutdown - Soft Shutdown initiated by PEF**

**Explanation**

OS Stop / Shutdown - Soft Shutdown initiated by PEF

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125696 OS Stop / Shutdown - Stop during OS load / initialization Deasserted**

**Explanation**

OS Stop / Shutdown - power cycle/reset Done

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125697 OS Stop / Shutdown - Run-time INFORMATIONAL Stop Deasserted**

**Explanation**

OS Stop / Shutdown -Power Cycle/Reset Done

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125698 OS Stop / Shutdown - Graceful Stop Deasserted**

**Explanation**

OS Stop / Shutdown - System powered up by reset pushbutton, powercycle or other external input

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125699 OS Stop / Shutdown - Graceful Shutdown Deasserted**

**Explanation**

OS Stop / Shutdown - System powered by reset pushbutton, powercycle or other external input

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125700 OS Stop / Shutdown - Soft Shutdown Deasserted**

**Explanation**

OS Stop / Shutdown - System powered by reset pushbutton, powercycle or other external input

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2125701 OS Stop / Shutdown - Agent Started Responding**

**Explanation**

OS Stop / Shutdown - Agent Started Responding

**Severity**



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191104 Slot / Connector - Fault Status asserted**

**Explanation**

Slot / Connector - Fault Status asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191105 Slot / Connector - Identify Status asserted**

**Explanation**

Slot / Connector - Identify Status asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191106 Slot / Connector - Device installed/attached**

**Explanation**

Slot / Connector - Device installed/attached

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191107 Slot / Connector - Ready for Device Installation**

**Explanation**

Slot / Connector - Ready for Device Installation. Typically, this means that the slot power is off

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191108 Slot / Connector - Ready for Device Removal**

**Explanation**

Slot / Connector - Ready for Device Removal. Typically, this means that the slot power is off

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191109 Slot / Connector - Slot Power is Off**

**Explanation**

Slot / Connector - Slot Power is Off

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191110 Slot / Connector - Device Removal Request**

**Explanation**

Slot / Connector - Device Removal Request

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191111 Slot / Connector - Interlock asserted**

**Explanation**

Slot / Connector - Interlock asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191112 Slot / Connector - Disabled**

**Explanation**

Slot / Connector - Disabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191113 Slot / Connector - holds spare device**

**Explanation**

Slot / Connector - holds spare device

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191232 Slot / Connector - Fault Status Deasserted**

**Explanation**

Slot / Connector - Fault Status Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191233 Slot / Connector - Identify Status Deasserted**

**Explanation**

Slot / Connector - Identify Status Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191234 Slot / Connector - Device Uninstalled/Removed**

**Explanation**

Slot / Connector - Device Uninstalled/Removed

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191235 Slot / Connector - Not Ready for Device Installation**

**Explanation**

Slot / Connector - Not Ready for Device Installation. Typically, this means that the slot power is on

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191236 Slot / Connector - Ready for Device Removal**

**Explanation**

Slot / Connector - Not Ready for Device Removal. Typically, this means that the slot power is on

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191237 Slot / Connector - Slot Power is On**

**Explanation**

Slot / Connector - Slot Power is On

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191238 Slot / Connector - Device Removal Request Processed**

**Explanation**

Slot / Connector - Device Removal Request Processed

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191239 Slot / Connector - Interlock Deasserted**

**Explanation**

Slot / Connector - Interlock Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191240 Slot / Connector - Enabled**

**Explanation**

Slot / Connector - Enabled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2191241 Slot / Connector - frees spare device**

**Explanation**

Slot / Connector - frees spare device

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256640 System ACPI Power State - S0 / G0**

**Explanation**

System ACPI Power State - S0 / G0 - Working

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256641 System ACPI Power State - S1**

**Explanation**

System ACPI Power State - S1 - sleeping with system h/w and processor context maintained

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256642 System ACPI Power State - S2**

**Explanation**

System ACPI Power State - S2 sleeping, processor context lost

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256643 System ACPI Power State - S3 - sleeping, processor and h/w context lost, memory retained**

**Explanation**

System ACPI Power State - S3

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256644 System ACPI Power State - S4**

**Explanation**

System ACPI Power State - S4 - non-volatile sleep / suspend-to disk

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256645 System ACPI Power State - S5 / G2**

**Explanation**

System ACPI Power State - S5 / G2 - soft-off

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256646 System ACPI Power State - S4 / S5 soft-off**

**Explanation**

System ACPI Power State - S4 / S5 soft-off, particular S4 / S5 state cannot be determi

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256647 System ACPI Power State - G3**

**Explanation**

System ACPI Power State - G3 - Mechanical Off

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256648 System ACPI Power State - Sleeping in an SSor S3 states**

**Explanation**

System ACPI Power State - Sleeping in an SSor S3 states

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256649 System ACPI Power State - G1**

**Explanation**

System ACPI Power State - G1 - sleeping (S1-S4 state cannot be determined)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256650 System ACPI Power State - S5 entered by override**

**Explanation**

System ACPI Power State - S5 entered by override

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256651 System ACPI Power State - Legacy ON state**

**Explanation**

System ACPI Power State - Legacy ON state

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256652 System ACPI Power State - Legacy OFF state**

**Explanation**

System ACPI Power State - Legacy OFF state

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2256654 System ACPI Power State - Unknown**

**Explanation**

System ACPI Power State - Unknown

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXTS2322180 Watchdog Timer reserved 04**

**Explanation**

Watchdog Timer reserved 04

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2322181 Watchdog Timer reserved 05**

**Explanation**

Watchdog Timer reserved 05

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2322182 Watchdog Timer reserved 06**

**Explanation**

Watchdog Timer reserved 06

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2322183 Watchdog Timer reserved 07**

**Explanation**

Watchdog Timer reserved 07

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2322184 Watchdog Timer interrupt**
  - Explanation**  
Watchdog Timer interrupt
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2322308 Watchdog Timer reserved 04 Deasserted**
  - Explanation**  
Watchdog Timer reserved 04 Deasserted
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2322309 Watchdog Timer reserved 05 Deasserted**
  - Explanation**  
Watchdog Timer reserved 05 Deasserted
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2322310 Watchdog Timer reserved 06 Deasserted**
  - Explanation**  
Watchdog Timer reserved 06 Deasserted
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2322311 Watchdog Timer reserved 07 Deasserted**
  - Explanation**  
Watchdog Timer reserved 07 Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2322312 Watchdog Timer interrupt Deasserted**

**Explanation**

Watchdog Timer interrupt Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2387712 Platform Alert- platform generated page**

**Explanation**

Platform Alert - platform generated page

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2387713 Platform Alert- platform generated LAN alert**

**Explanation**

Platform Alert - platform generated LAN alert

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2387714 Platform Alert- Platform Event Trap generated (formatted per IPMI PET specification)**

**Explanation**

Platform Alert - Platform Event Trap generated

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2387715 Platform Alert- platform generated SNMP trap, OEM format**

**Explanation**

Platform Alert - platform generated SNMP trap, OEM format

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2426880 A device is absent or has been removed.**

**Explanation**

A device is absent or has been removed.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. If the device was removed intentionally, no action is required.
2. Make sure that the device is seated properly.
3. If the device is seated properly, replace the device.

- **FQXTS2426881 A device is present or has been inserted.**

**Explanation**

A device is present or has been inserted.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2453248 Entity Present**

**Explanation**

The Entity identified by the Entity ID for the sensor is present.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2453249 Entity Absent.**

**Explanation**

The Entity identified by the Entity ID for the sensor is Absent.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2453250 Entity Disabled.**

**Explanation**

The Entity identified by the Entity ID for the sensor is Disabled.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2491392 Monitor ASIC / IC Failure Deasserted**

**Explanation**

Monitor ASIC / IC Failure Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262402 Fan Under Speed Warning (Lower critical, going low)**

**Explanation**

Critical Fan Under Speed problem (Lower critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262403 Fan Under Speed Warning (Lower critical, going high)**

**Explanation**

Critical Fan Under Speed problem (Lower critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262404 Fan Under Speed Warning (Lower non-recoverable, going low)**

**Explanation**

Critical Fan Under Speed problem (Lower non-recoverable, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262405 Fan Under Speed Warning (Lower non-recoverable, going high)**

**Explanation**

Critical Fan Under Speed problem (Lower non-recoverable, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262408 Fan Over Speed Warning (Upper critical, going low)**

**Explanation**

Critical Fan Over Speed problem (Upper critical, going low)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262409 Fan Over Speed Warning (Upper critical, going high)**

**Explanation**

Critical Fan Over Speed problem (Upper critical, going high)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262410 Fan Over Speed Warning (Upper non-recoverable, going low)**

**Explanation**

Critical Fan Over Speed problem (Upper non-recoverable, going low)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262411 Fan Over Speed Warning (Upper non-recoverable, going high)**

**Explanation**

Critical Fan Over Speed problem (Upper non-recoverable, going high)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS262528 Fan Under Speed Warning (Lower non-critical, going low) Cleared**

**Explanation**

Fan Under Speed Warning (Lower non-critical, going low) Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262529 Fan Under Speed Warning (Lower non-critical, going high)Cleared**

**Explanation**

Fan Under Speed Warning (Lower non-critical, going high)Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262530 Fan Under Speed Warning (Lower critical, going low)Cleared**

**Explanation**

Critical Fan Under Speed problem (Lower critical, going low)Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262531 Fan Under Speed Warning (Lower critical, going high) Cleared**

**Explanation**

Critical Fan Under Speed problem (Lower critical, going high) Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Information only; no action is required.

- **FQXTS262532 Fan Under Speed Warning (Lower non-recoverable, going low)Cleared**

**Explanation**

Critical Fan Under Speed problem (Lower non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262533 Fan Under Speed Warning (Lower non-recoverable, going high) Cleared**

**Explanation**

Critical Fan Under Speed problem (Lower non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262534 Fan Over Speed Warning (Upper non-critical, going low) Cleared**

**Explanation**

Fan Over Speed Warning (Upper non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262535 Fan Over Speed Warning (Upper non-critical, going high)Cleared**

**Explanation**

Fan Over Speed Warning (Upper non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262536 Fan Over Speed Warning (Upper critical, going low) Cleared**

**Explanation**

Critical Fan Over Speed problem (Upper critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262537 Fan Over Speed Warning (Upper critical, going high)Cleared**

**Explanation**

Critical Fan Over Speed problem (Upper critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262538 Fan Over Speed Warning (Upper non-recoverable, going low)Cleared**

**Explanation**

Critical Fan Over Speed problem (Upper non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS262539 Fan Over Speed Warning (Upper non-recoverable, going high) Cleared**

**Explanation**

Critical Fan Over Speed problem (Upper non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS264192 Fan Removed/Absent**

**Explanation**

Fan Removed/Absent

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. If the fan was removed intentionally, reinstall the fan.
2. Make sure that the fan is seated properly.
3. If the fan is seated properly, replace the fan.

- **FQXTS264193 Fan Inserted/Present**

**Explanation**

Fan Inserted/Present

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS264321 Fan Inserted/Present Deasserted**

**Explanation**

Fan Inserted/Present Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS264960 Fan redundancy has returned to Normal**

**Explanation**

Fan redundancy has returned to Normal

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS264961 Fan Redundancy has been Lost**

**Explanation**

Fan Redundancy has been Lost

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Make sure that the fan is not missing or unplugged.
2. Check the fan LEDs.
3. Replace the affected fan.

- **FQXTS2649984 Sensor access Available**

**Explanation**

Sensor access Available

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2649985 Controller access Available**

**Explanation**

Controller access Available

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2649986 Management controller online**

**Explanation**

Management controller online

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2649987 Management controller Available**

**Explanation**

Management controller Available

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2649988 Sensor failure Deasserted**

**Explanation**

Sensor failure Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2649989 FRU failure Deasserted**

**Explanation**

FRU failure Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2715393 Battery Failed**

**Explanation**

Battery Failed

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. If the system was recently installed, moved, or serviced, make sure that the battery is seated properly.
2. Check the Support site for an applicable service bulletins or firmware updates that might apply to this error.
3. Replace the battery.

- **FQXTS2715394 Battery presence detected**

**Explanation**

Battery presence detected

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2780928 Session Activated**

**Explanation**

Session Activated

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846464 Hardware Version change detected**

**Explanation**

Hardware Version change detected with associated Entity

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846465 Firmware or Software version change detected**

**Explanation**

Firmware or Software version change detected with associated Entity

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846466 Hardware Incombability detected**

**Explanation**

Hardware Incombability detected with associated Entity

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846467 Firmware Or SoftwareVersion Incompatibility detected**

**Explanation**

Firmware Or Software Version Incompatibility detected with associated Entity

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846468 Entity is of an invalid or unsupported hardware version**

**Explanation**

Entity is of an invalid or unsupported hardware version

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846469 Entity contains an invalid or unsupported firmware or software version**

**Explanation**

Entity contains an invalid or unsupported firmware or software version

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846470 Hardware Change detected with associated Entity was successful**

**Explanation**

Hardware Change detected with associated Entity was successful

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846471 Software or F/W Change detected with associated Entity was successful.**

**Explanation**

Software or F/W Change detected with associated Entity was successful.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846598 Hardware Change detected with associated Entity was not successful**

**Explanation**

Hardware Change detected with associated Entity was not successful

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2846599 Software or F/W Change detected with associated Entity was not successful.**

**Explanation**

Software or F/W Change detected with associated Entity was not successful.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2912000 FRU Not Installed**

**Explanation**

FRU Not Installed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.



- **FQXTS2912001 FRU Inactive**
  - Explanation**  
FRU Inactive
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2912002 FRU Activation Requested**
  - Explanation**  
FRU Activation Requested
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2912003 FRU Activation In Progress**
  - Explanation**  
FRU Activation In Progress
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2912004 FRU Active**
  - Explanation**  
FRU Active
  - Severity**
  - Serviceable with log**  
No
  - Automatically Notify Support**  
No
  - User Action**  
Information only; no action is required.
- **FQXTS2912005 FRU Deactivation Requested**
  - Explanation**  
FRU Deactivation Requested

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2912006 FRU Deactivation In Progress**

**Explanation**

FRU Deactivation In Progress

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2912007 FRU Communication Lost**

**Explanation**

FRU Communication Lost

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS2912008 Chassis control command action event**

**Explanation**

Chassis control command action event

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS356096 Chassis Intrusion - Physical Security Violation**

**Explanation**

Chassis Intrusion - Physical Security Violation

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Verify that the C2 switch is depressed fully.
2. Verify that the cover is seated properly.
3. Replace the C2 switch.

- **FQXTS356100 LAN Leash Lost**

**Explanation**

LAN Leash Lost

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Verify that the LAN cable is connected properly.
2. Reseat the LAN cable.
3. Replace the LAN cable.

- **FQXTS356224 Chassis Intrusion( Physical Security Violation) Event Cleared**

**Explanation**

Chassis Intrusion (Physical Security Violation) Event Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS356225 Chassis Intrusion - Drive Bay Violation Cleared**

**Explanation**

Chassis Intrusion - Drive Bay Violation Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS356226 I/O Card Area Intrusion Cleared**

**Explanation**

I/O Card Area Intrusion Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS356227 Processor Area Intrusion Cleared**

**Explanation**

Processor Area Intrusion Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS356228 LAN Leash Lost Cleared**

**Explanation**

LAN Leash Lost

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS356229 Unauthorized dock Cleared**

**Explanation**

Unauthorized dock Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS356230 Fan Area Intrusion Cleared**

**Explanation**

Fan Area Intrusion Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS421633 User Password Violation Attempt**

**Explanation**

User Password Violation Attempt

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421634 Setup Password Violation Attempt**

**Explanation**

Setup Password Violation Attempt

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure that the correct setup password is being used.

- **FQXTS421635 Network boot Password Violation Attempt**

**Explanation**

Network Boot Password Violation Attempt

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421636 Other pre-boot Password Violation Attempt**

**Explanation**

Other Pre-boot Password Violation Attempt

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421637 Out-of-band access Violation Attempt**

**Explanation**

Out-of-band access Violation Attempt

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Make sure that the correct login ID and password are being used.
2. Have the system administrator reset the login ID or password.

- **FQXTS421760 Secure Mode Violation Attempt Cleared**

**Explanation**

Secure Mode Violation Attempt Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS421761 User Password Violation Attempt Cleared**

**Explanation**

User Password Violation Attempt Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS421762 Setup Password Violation Attempt Cleared**

**Explanation**

Setup Password Violation Attempt Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS421763 Network boot Password Violation Attempt Cleared**

**Explanation**

Network Boot Password Violation Attempt Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS421764 Other pre-boot Password Violation Attempt Cleared**

**Explanation**

Other Pre-boot Password Violation Attempt Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS421765 Out-of-band access Violation Attempt Cleared**

**Explanation**

Out-of-band access Violation Attempt Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS459521 Uncorrectable processor error detected**

**Explanation**

Uncorrectable processor error detected

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the Support site for an applicable service bulletin or firmware update that applies to this error.
2. Reboot system. If problem persists, contact Support.

- **FQXTS459649 Uncorrectable processor error cleared**

**Explanation**

Uncorrectable processor error cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487168 Processor Internal Error**

**Explanation**

Processor Internal Error

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the Support site for an applicable service bulletin or firmware update that applies to this error.
2. Reboot system. If problem persists, contact Support.

- **FQXTS487169 Processor Thermal Trip (Over Temperature Shutdown)**

**Explanation**

Processor Thermal Trip (Over Temperature Shutdown)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the event log for any fan, cooling, or power related issues.
2. Make sure that the airflow at the front and rear of the server is not obstructed and that fillers are in place and correctly installed.



3. Make sure that the room temperature is within operating specifications.

- **FQXTS487170 Processor Fault Resilient Booting (FRB) 1 / Processor BIST (Built In Self Test) Failure**

**Explanation**

Processor Fault Resilient Booting (FRB) 1 / BIST (Built In Self Test) Failure

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. If the processor or firmware was just updated, check the Support site for an applicable service bulletin or firmware update that applies to this processor error.
2. If there are multiple processors, swap processors to move affected processor to another processor socket and retry. If the problem follows the affected processor, or this is a single processor system, replace the processor. Inspect the processor socket on each processor removal and replace system board first if the processor socket is damaged or mis-aligned pins are found.
3. Replace the system board.

- **FQXTS487173 Processor Configuration Error**

**Explanation**

Processor Configuration Error

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the event log for other events related to processor configuration issues. Resolve those issues first.
2. If the problem persists, make sure that matching processors are installed (matching option part numbers).
3. Make sure that the processors are installed in the correct socket.
4. Check the Support site for any applicable service bulletins or firmware updates that might apply to this processor error.

- **FQXTS487175 Processor Presence Detected**

**Explanation**

Processor Presence Detected

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487176 Processor Disabled**

**Explanation**

Processor Disabled

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487177 Terminator Presence Detected**

**Explanation**

Terminator Presence Detected

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487296 Processor Internal Error Cleared**

**Explanation**

Processor Internal Error Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487297 Processor Thermal Trip (Over Temperature Shutdown) Cleared**

**Explanation**

Processor Thermal Trip (Over Temperature Shutdown) Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487298 Processor BIST (Built In Self Test) Failure Cleared**

**Explanation**

Processor BIST (Built In Self Test) Failure Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487299 Processor Fault Resilient Booting (FRB) 2 / Hang in Power On Self Test (POST) Failure Cleared**

**Explanation**

Processor Fault Resilient Booting (FRB) 2 / Hang in Power On Self Test (POST) Failure Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487300 Processor Fault Resilient Booting (FRB) 3 / Processor Setup / Initialization Failure Cleared**

**Explanation**

Processor Fault Resilient Booting (FRB) 3 / Processor Setup / Initialization Failure Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487301 Processor Configuration Error Cleared**

**Explanation**

Processor Configuration Error Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487303 Processor Presence Deasserted**

**Explanation**

Processor Presence Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487304 Processor Disabled Deasserted**

**Explanation**

Processor Disabled Deasserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487306 Processor Throttle Cleared (Normal Processor Speed)**

**Explanation**

Processor Throttle Cleared (Normal Processor Speed)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS487308 Correctable Machine Check Error Cleared**

**Explanation**

Correctable Machine Check Error Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS525056 Power Supply is disconnected from AC Power.**

**Explanation**

Power Supply is disconnected from AC Power.

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Make sure that all power supplies are functioning properly and that all AC power cords are attached.
2. Install additional power supplies if needed.

- **FQXTS525057 Power Supply is connected to AC Power.**

**Explanation**

Power Supply is connected to AC Power.

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS525568 Power Supply Limit Not Exceeded**

**Explanation**

Power Supply Limit Not Exceeded

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS525569 Power Supply Limit Exceeded**

**Explanation**

Power Supply Limit Exceeded

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS527104 Power Supply Redundancy Has Returned to Normal**

**Explanation**

Power Supply Redundancy Has Returned to Normal

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS527105 Power Supply Redundancy has been Lost**

**Explanation**

Power Supply Redundancy has been Lost

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Make sure that a power supply is not missing or unplugged.
2. Check the power supply LEDs.
3. Replace the affected power supply.

- **FQXTS527233 Power Supply Redundancy has been Lost Recovery**

**Explanation**

Power Supply Redundancy has been Lost Recovery

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS552704 Power Supply Inserted**

**Explanation**

Power Supply Inserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS552705 Power Supply failure detected**

**Explanation**

Power supply Failure detected

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the power supply LEDs.
2. Replace the failing power supply.

- **FQXTS552707 Power Supply AC Lost**

**Explanation**

Power Supply AC Lost

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the event log for any other events related to power supplies and resolve those events.
2. Check the line feeds.

- **FQXTS552708 Power Supply input lost or out-of-range**

**Explanation**

Power Supply input lost or out-of-range

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the event log for any other events related to power supplies and resolve those events.
2. Check the line feeds.

- **FQXTS552709 Power Supply input out-of-range, but present**

**Explanation**

Power Supply input out-of-range, but present

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the event log for any other events related to power supplies and resolve those events.
2. Check the line feeds.

- **FQXTS552833 Power Supply Failure Cleared**

**Explanation**

Power Supply Failure Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS552834 Power Supply Warning Cleared**

**Explanation**

Power Supply Warning Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS552835 Power Supply AC Restored**

**Explanation**

Power Supply AC Restored

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS552836 Power Supply input lost or out-of-range Restored**

**Explanation**

Power Supply input lost or out-of-range Restored

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS552837 Power Supply input out-of-range restored**

**Explanation**

Power Supply input out-of-range restored

**Severity**



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS590593 Host power-on sequence has been completed successfully.**

**Explanation**

Host power-on sequence has been completed successfully

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS592640 Power Unit Redundancy has been restored**

**Explanation**

Power Unit Redundancy has been restored

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS592641 Power Unit Redundancy has been Lost**

**Explanation**

Power Unit Redundancy has been Lost

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Make sure that a power supply is not missing or unplugged.
2. Check the power supply LEDs.
3. Replace the affected power supply.

- **FQXTS618240 Power unit is off.**

**Explanation**

Power unit is off.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618241 Power unit is power cycled**

**Explanation**

Power unit is power cycled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618242 Power unit 240VA Power Down**

**Explanation**

Power unit 240VA Power Down

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618243 Power unit Interlock Power Down**

**Explanation**

Power unit Interlock Power Down

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618244 Power unit AC lost / Power input lost**

**Explanation**

Power unit AC lost / Power input lost

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618245 Soft Power Control Failure**

**Explanation**

Soft Power Control Failure

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618246 Power Unit Failure detected**

**Explanation**

Power Unit Failure detected

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618247 Power Unit Predictive Failure**

**Explanation**

Power Unit Predictive Failure

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618368 Power Unit is on.**

**Explanation**

Power Unit is on.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618369 Power unit - Power Cycle Completed**

**Explanation**

Power unit - Power Cycle Completed

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618370 Power unit 240VA Power Up**

**Explanation**

Power unit 240VA Power Up

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618371 Power unit Interlock Power Up**

**Explanation**

Power unit Interlock Power Up

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618372 Power unit AC/Power input restored**

**Explanation**

Power unit AC/Power input restored

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618373 Soft Power Control Failure Cleared**

**Explanation**

Soft Power Control Failure Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618374 Power Unit Failure Cleared**

**Explanation**

Power Unit Failure Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS618375 Power Unit Predictive Failure Cleared**

**Explanation**

Power Unit Predictive Failure Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655618 Cooling Device Under Speed Warning (Lower critical, going low)**

**Explanation**

Critical Cooling Device Under Speed problem (Lower critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655619 Cooling Device Under Speed Warning (Lower critical, going high)**

**Explanation**

Critical Cooling Device Under Speed problem (Lower critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655620 Cooling Device Under Speed Warning (Lower non-recoverable, going low)**

**Explanation**

Critical Cooling Device Under Speed problem (Lower non-recoverable, going low)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655621 Cooling Device Under Speed Warning (Lower non-recoverable, going high)**

**Explanation**

Critical Cooling Device Under Speed problem (Lower non-recoverable, going high)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655622 Cooling Device Over Speed Warning (Upper non-critical, going low)**

**Explanation**

Cooling Device Over Speed Warning (Upper non-critical, going low)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).

2. Replace the fan.

- **FQXTS655624 Cooling Device Over Speed Warning (Upper critical, going low)**

**Explanation**

Critical Cooling Device Over Speed problem (Upper critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655625 Cooling Device Over Speed Warning (Upper critical, going high)**

**Explanation**

Critical Cooling Device Over Speed problem (Upper critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655626 Cooling Device Over Speed Warning (Upper non-recoverable, going low)**

**Explanation**

Critical Cooling Device Over Speed problem (Upper non-recoverable, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655627 Cooling Device Over Speed Warning (Upper non-recoverable, going high)**

**Explanation**

Critical Cooling Device Over Speed problem (Upper non-recoverable, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS655744 Cooling Device Under Speed Warning (Lower non-critical, going low) Cleared**

**Explanation**

Cooling Device Under Speed Warning (Lower non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655745 Cooling Device Under Speed Warning (Lower non-critical, going high)Cleared**

**Explanation**

Cooling Device Under Speed Warning (Lower non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655746 Cooling Device Under Speed Warning (Lower critical, going low)Cleared**

**Explanation**

Critical Cooling Device Under Speed problem (Lower critical, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655747 Cooling Device Under Speed Warning (Lower critical, going high) Cleared**

**Explanation**

Critical Cooling Device Under Speed problem (Lower critical, going high) Cleared

**Severity**

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655748 Cooling Device Under Speed Warning (Lower non-recoverable, going low)Cleared**

**Explanation**

Critical Cooling Device Under Speed problem (Lower non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655749 Cooling Device Under Speed Warning (Lower non-recoverable, going high) Cleared**

**Explanation**

Critical Cooling Device Under Speed problem (Lower non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655750 Cooling Device Over Speed Warning (Upper non-critical, going low) Cleared**

**Explanation**

Cooling Device Over Speed Warning (Upper non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655751 Cooling Device Over Speed Warning (Upper non-critical, going high)Cleared**

**Explanation**

Cooling Device Over Speed Warning (Upper non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655752 Cooling Device Over Speed Warning (Upper critical, going low) Cleared**

**Explanation**

Critical Cooling Device Over Speed problem (Upper critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655753 Cooling Device Over Speed Warning (Upper critical, going high)Cleared**

**Explanation**

Critical Cooling Device Over Speed problem (Upper critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655754 Cooling Device Over Speed Warning (Upper non-recoverable, going low)Cleared**

**Explanation**

Critical Cooling Device Over Speed problem (Upper non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS655755 Cooling Device Over Speed Warning (Upper non-recoverable, going high) Cleared**

**Explanation**

Critical Cooling Device Over Speed problem (Upper non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS657408 Cooling Device Removed/Absent**

**Explanation**

Cooling Device Removed/Absent

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. If the fan was removed intentionally, reinstall the fan.
2. Make sure that the fan is seated properly.
3. If the fan is seated properly, replace the fan.

• **FQXTS657409 Cooling Device Inserted/Present**

**Explanation**

Cooling Device Inserted/Present

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

• **FQXTS65794 Under-Temperature Warning (Lower critical, going low)**

**Explanation**

Critical Under-Temperature problem (Lower critical, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

• **FQXTS65795 Under-Temperature Warning (Lower critical, going high)**

**Explanation**

Critical Under-Temperature problem (Lower critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65796 Under-Temperature Warning (Lower non-recoverable, going low)**

**Explanation**

Critical Under-Temperature problem (Lower non-recoverable, going low)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65797 Under-Temperature Warning (Lower non-recoverable, going high)**

**Explanation**

Critical Under-Temperature problem (Lower non-recoverable, going high)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the room temperature is within operating specifications.
3. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65800 Over-Temperature Warning (Upper critical, going low)**

**Explanation**

Critical Over-Temperature problem (Upper critical, going low)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.

3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65801 Over-Temperature Warning (Upper critical, going high)**

**Explanation**

Critical Over-Temperature problem (Upper critical, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65802 Over-Temperature Warning (Upper non-recoverable, going low)**

**Explanation**

Critical Over-Temperature problem (Upper non-recoverable, going low)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS65803 Over-Temperature Warning (Upper non-recoverable, going high)**

**Explanation**

Critical Over-Temperature problem (Upper non-recoverable, going high)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.

3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS658176 Cooling Device redundancy has returned to Normal**

**Explanation**

Cooling Device redundancy has returned to Normal

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS658177 Cooling Device Redundancy has been Lost**

**Explanation**

Cooling Device Redundancy has been Lost

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Reseat the failing fan (indicated by the lit LED on the fan).
2. Replace the fan.

- **FQXTS65920 Under-Temperature Warning (Lower non-critical, going low) Cleared**

**Explanation**

Under-Temperature Warning (Lower non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65921 Under-Temperature Warning (Lower non-critical, going high)Cleared**

**Explanation**

Under-Temperature Warning (Lower non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65922 Under-Temperature Warning (Lower critical, going low)Cleared**

**Explanation**

Critical Under-Temperature problem (Lower critical, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65923 Under-Temperature Warning (Lower critical, going high) Cleared**

**Explanation**

Critical Under-Temperature problem (Lower critical, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65924 Under-Temperature Warning (Lower non-recoverable, going low)Cleared**

**Explanation**

Critical Under-Temperature problem (Lower non-recoverable, going low)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65925 Under-Temperature Warning (Lower non-recoverable, going high) Cleared**

**Explanation**

Critical Under-Temperature problem (Lower non-recoverable, going high) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65926 Over-Temperature Warning (Upper non-critical, going low) Cleared**

**Explanation**

Over-Temperature Warning (Upper non-critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65927 Over-Temperature Warning (Upper non-critical, going high)Cleared**

**Explanation**

Over-Temperature Warning (Upper non-critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65928 Over-Temperature Warning (Upper critical, going low) Cleared**

**Explanation**

Critical Over-Temperature problem (Upper critical, going low) Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65929 Over-Temperature Warning (Upper critical, going high)Cleared**

**Explanation**

Critical Over-Temperature problem (Upper critical, going high)Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65930 Over-Temperature Warning (Upper non-recoverable, going low)Cleared**

**Explanation**

Critical Over-Temperature problem (Upper non-recoverable, going low)Cleared

**Severity**



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS65931 Over-Temperature Warning (Upper non-recoverable, going high) Cleared**

**Explanation**

Critical Over-Temperature problem (Upper non-recoverable, going high) Cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS67330 Generic Critical Temperature Problem (Transition to Critical from less severe)**

**Explanation**

Generic Critical Temperature Problem (Transition to Critical from less severe)

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve this issue:

1. Check the event log and resolve any fan or cooling related issues.
2. Make sure that the airflow at the front and rear of the server are not obstructed.
3. Make sure that the room temperature is within operating specifications.
4. Update the ThinkServer System Manager (TSM) firmware.

- **FQXTS787456 Memory Predictive Failure state has been cleared.**

**Explanation**

Memory Predictive Failure state has been cleared

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814848 Correctable ECC or other correctable memory error detected.**

**Explanation**

Correctable ECC or other correctable memory error detected.

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814849 Uncorrectable ECC or other uncorrectable memory error detected.**

**Explanation**

Uncorrectable ECC or other uncorrectable memory error detected.

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Please replace the memory. If the problem persists, contact Support.

- **FQXTS814850 Parity error detected.**

**Explanation**

Parity error detected.

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814851 Memory Scrub Failed**

**Explanation**

Memory Scrub Failed

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814852 Memory Device Disabled.**

**Explanation**

Memory Device Disabled.

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814853 Correctable ECC / other correctable memory error logging limit reached**

**Explanation**

Correctable ECC / other correctable memory error logging limit reached

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814854 Memory Presence detected.**

**Explanation**

Memory Presence detected.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814855 Memory Configuration Error detected.**

**Explanation**

Memory Configuration Error detected.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814856 Spare Unit of Memory detected**

**Explanation**

Spare Unit of Memory detected

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814857 Memory Automatically Throttled**

**Explanation**

Memory Automatically Throttled

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814858 Memory event - Critical Overtemperature**

**Explanation**

Memory event - Critical Overtemperature

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814976 Correctable ECC or other correctable memory error cleared.**

**Explanation**

Correctable ECC or other correctable memory error cleared.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814977 Uncorrectable ECC or other uncorrectable memory error Cleared.**

**Explanation**

Uncorrectable ECC or other uncorrectable memory error Cleared.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814978 Parity error Cleared.**

**Explanation**

Parity error Cleared.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814979 Memory Scrub Failure Cleared**

**Explanation**

Memory Scrub Failure Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814980 Memory Device Enabled.**

**Explanation**

Memory Device Enabled.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814981 Correctable ECC / other correctable memory error logging limit reached Cleared**

**Explanation**

Correctable ECC / other correctable memory error logging limit reached Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814982 Memory Presence not detected**

**Explanation**

Memory Presence Not detected

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814983 Memory Configuration Error Cleared.**

**Explanation**

Memory Configuration Error Cleared.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814984 Spare Unit of Memory detected Deassert**

**Explanation**

Spare Unit of Memory detected Deassert

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814985 Memory Automatically Throttled Cleared**

**Explanation**

Memory Automatically Throttled Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS814986 Memory event - Critical Overtemperature Cleared"s**

**Explanation**

Memory event - Critical Overtemperature Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS852992 Hard Disk Drive Fault LED is OFF.**

**Explanation**

This state indicates that a HDD Fault LED which was ON before is OFF now.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS852993 Hard Disk Drive Fault LED is ON.**

**Explanation**

A HDD Fault LED is ON.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the Support site for service bulletins or firmware updates that are related to your particular drive.
2. Check the event log for any other RAID-related events and resolve those issues.
3. Replace the drive.

- **FQXTS880384 Hard Disk Drive is present or has been inserted.**

**Explanation**

Hard Disk Drive is present or has been inserted.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880385 Hard Disk Drive Fault**

**Explanation**

Hard Disk Drive Fault

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the Support site for service bulletins or firmware updates that are related to your particular drive.
2. Check the event log for any other RAID-related events and resolve those issues.
3. Replace the drive.

- **FQXTS880386 Hard Disk Drive Predictive Failure**

**Explanation**

Hard Disk Drive Predictive Failure

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880387 Hard Disk Drive Hot spare (Ready to Remove)**

**Explanation**

Hard Disk Drive Hot Spare (Ready to remove) Asserted

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880388 Hard Disk Drive Consistency Check / Parity Check in progress**

**Explanation**

Hard Disk Drive Consistency Check / Parity Check in progress

**Severity****Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880389 Hard Disk Drive In Critical Array**

**Explanation**

Hard Disk Drive In Critical Array

**Severity****Serviceable with log**



No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880390 Hard Disk Drive In Failed Array**

**Explanation**

Hard Disk Drive In Failed Array

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the event log for other hard drive messages to help identify failing drive(s).
2. Replace the hard disk drives (indicated by a lit status LED).
3. Recreate the array.

- **FQXTS880391 Hard Disk Drive Rebuild/Remap in progress**

**Explanation**

Hard Disk Drive Rebuild/Remap in progress

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880392 Hard Disk Drive Rebuild/Remap Aborted**

**Explanation**

Hard Disk Drive Rebuild/Remap Aborted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880512 Hard Disk Drive is absent or has been removed.**

**Explanation**

Hard Disk Drive is absent or has been removed.

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880513 Hard Disk Drive Fault Cleared**

**Explanation**

Hard Disk Drive Fault Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880514 Hard Disk Drive Predictive Failure Cleared**

**Explanation**

Hard Disk Drive Predictive Failure Cleared

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880515 Hard Disk Drive Hot spare**

**Explanation**

Hard Disk Drive Hot Spare Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880516 Hard Disk Drive Consistency Check / Parity Check in progress Deasserted**

**Explanation**

Hard Disk Drive Consistency Check / Parity Check in progress Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880517 Hard Disk Drive In Critical Array Deasserted**

**Explanation**

Hard Disk Drive In Critical Array Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880518 Hard Disk Drive In Failed Array Deasserted**

**Explanation**

Hard Disk Drive In Failed Array Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880519 Hard Disk Drive Rebuild/Remap in progress Deasserted(completed)**

**Explanation**

Hard Disk Drive Rebuild/Remap in progress Deasserted(completed)

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS880520 Hard Disk Drive Rebuild/Remap Aborted Deasserted(completed)**

**Explanation**

Hard Disk Drive Rebuild/Remap Aborted Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS918528 POST Memory Resize Failure Deasserted**

**Explanation**

POST Memory Resize Failure Deasserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXTS918529 POST Memory Resize Failure Asserted**

**Explanation**

POST Memory Resize Failure Asserted

**Severity**

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Complete the following steps to resolve the issue:

1. Check the support site for any applicable service bulletins or firmware updates that might apply to this issue.
2. If the problem persists, contact Support.

---

## Chapter 7. Events and alerts from rack switches

Lenovo XClarity Orchestrator reports information about all management-server and hardware-related events and alerts that are generated or collected by rack switches. These messages are listed in events or alerts log.

The following information is provided for each event message.

### Event identifier

A string that uniquely identifies the event or class of events. This is a 12 or 14-character string in the following format.

**FQXRS***ccnnnn*

where:

- *cc* identifies the component where the event originated. Rack switch events use the following component IDs. For component IDs for other devices, see your managed device documentation.
  - **PW.** Power supply
  - **OS.** Operating system
  - **CA.** Components
  - **SC.** System credentials
- *nnn* identifies the specific message.

### Severity

An indication of the level of concern for the condition, as follows.

- **Informational.** The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning.** The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical.** The event is a failure or critical condition that impairs service or an expected function.

### Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

### Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

### User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

---

## List of Lenovo RackSwitch events

This section lists all Lenovo RackSwitch events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXRSCA0003M Fan {0} has failed. Speed: {1} RPM**

### Explanation

A fan has failed on the switch or has gone below the recommended fan speed of 500 RPM.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Most RackSwitch devices have hot-swappable fan modules. Determine which fan has failed and replace the fan module in which it is located. Refer to the specific RackSwitch Installation guide on how to replace fan modules. If the switch does not have hot swappable fan modules, call Customer Support.

- **FQXRSCA0004M Temperature sensor {0} is in the failure range. Temperature: {1} C**

**Explanation**

A temperature sensor has gone above the failure range threshold.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure that the air circulation vents on the front, back, and sides of the switch are free from obstruction by cables, panels, rack frames, or other materials. Make sure that all cooling fans inside the switch are running. A fan module LED (rear panel) flashes if there is a failure of the fan. Log into the switch and show the system information for more details. Most likely, the switch has shut itself down to avoid damage due to overheating.

- **FQXRSCA0005G Temperature sensor {0} is in the warning range. Temperature: {1} C**

**Explanation**

A temperature sensor has gone above the warning range threshold.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure that the air circulation vents on the front, back, and sides of the switch are free from obstruction by cables, panels, rack frames, or other materials. Make sure that all cooling fans inside the switch are running. A fan module LED (rear panel) flashes if there is a failure of the fan. Log into the switch and show the system information for more details.

- **FQXRSOS0002G A panic dump exists in flash**

**Explanation**

When a switch crashes, the cause might be from the failure of a process which results in a reload of the switch. Crash information is saved in the switch flash memory in a panic, or flash, dump file.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the console of the switch to: review the system information; check the logging entries; or to show the panic dump content. Refer to the switch documentation and the troubleshooting technote.

- **FQXRSPW0001M Power supply {0} is off.**

**Explanation**

The power supply has failed or has been unplugged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to make sure the power supply is plugged into a power source and is operational.

- **FQXRSPW0002M Power supply {0} is absent.**

**Explanation**

The power supply is not present in the switch.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to make sure the power supply is installed in the switch.

- **FQXRSSC0006M Switch is managed with expired credentials.**

**Explanation**

The switch refuses access using current username and password.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the credentials using switch CLI and then update the stored credentials associated with this switch.

- **FQXRSSC0007I Switch is managed with factory default credentials.**

**Explanation**

Using the factory default username and password is a security risk and later versions of switch firmware might disallow access using these credentials.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXRSSC0008M Switch is managed with incorrect credentials.**

**Explanation**

The switch refuses access using current username and password.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the stored credentials associated with this switch, or change the switch credentials using the switch CLI.



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## Chapter 8. Events and alerts from Lenovo Storage devices

Lenovo XClarity Orchestrator reports information about all management-server and hardware-related events and alerts that are generated or collected by Lenovo storage devices. These messages are listed in events or alerts log.

The following information is provided for each event message.

### Event identifier

A string that uniquely identifies the event or class of events. This is a 12 or 14-character string in the following format.

**FQX***ppnnns*

where:

- *pp* indicates the product where the event originate, as follows.
  - **HMST**. Lenovo storage devices
  - **ST**. Lenovo storage devices
  - **STDM**. ThinkSystem DM series storage devices
- *nnn* identifies the specific message.
- *s* identifies the severity, as follows.
  - **I**. Information No action is required
  - **F**. Warning. No action is required
  - **G**. Warning. Action can be deferred
  - **H**. Warning (minor). Action can be deferred
  - **J**. Warning (minor). Immediate action is required
  - **K**. Critical. Action can be deferred
  - **L**. Critical. Immediate action is required
  - **M**. Critical. Immediate action is required
  - **N**. Critical. Immediate action is required

### Severity

An indication of the level of concern for the condition, as follows.

- **Informational**. The event was recorded for audit purposes. This is usually a user action or a change of states that is normal behavior.
- **Warning**. The event is not as severe as an error, but if possible, the condition should be corrected before it becomes an error. It might also be a condition that requires additional monitoring or maintenance.
- **Critical**. The event is a failure or critical condition that impairs service or an expected function.

### Serviceable with log

An indication of whether an action (either by you or by Lenovo Support) is required to correct the problem.

### Automatically Notify Support

An indication of whether a service ticket is opened automatically, and diagnostic files are transferred to the Lenovo Support Center for this event if Call Home is configured and enabled in XClarity Orchestrator or the resource managers.

### User Action

The actions to perform to solve the event.

Perform the steps in the order shown until the problem is solved. If the problem is not resolved after performing all recommended actions, contact Lenovo Support.

---

## List of Lenovo Storage events

This section lists all Lenovo Storage events that can be viewed in the XClarity Administrator event log or audit log.

- **FQXDE0100I Event log cleared**

**Explanation**

A Major Event Log was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE0101I Start of delayed events**

**Explanation**

MEL events generated earlier are now being added to the MEL log, possibly causing the MEL log to be out of order.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE0102I End of delayed events**

**Explanation**

A MEL event logging is back in order after possibly being out of order.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE0103I A needs-attention condition was raised by the controller firmware**

**Explanation**

A Recovery Guru condition was raised.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE0104I A needs-attention condition was cleared by the controller firmware**

**Explanation**  
A Recovery Guru condition was cleared.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE0105I Unknown event occurred that is not found in event configuration table.**

**Explanation**  
The controller failed in its attempt to find an event in the event configuration table. This event is logged in place of that event.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE0106I A needs-attention condition was suppressed due to event configuration table settings.**

**Explanation**  
The controller discarded a Recovery Guru event based on event configuration table settings.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE0107I An event that would have caused a needs-attention condition was suppressed and now is cleared**

**Explanation**

The firmware discarded a Recovery Guru event based on event configuration table settings and that condition has now been cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE0108I All non-alertable events are temporarily being discarded**

**Explanation**

The firmware generated so many MEL events that the internal event buffer is nearing overflow conditions. At this point, until the events in internal event buffer are flushed to the database, only events that generate an alert are being retained.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE0109I All events are now being saved and persisted**

**Explanation**

The firmware flushed its internal event buffer and can now save all events. Previously, the event buffer was nearly full, and the firmware was only retaining events that generated alerts.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1004I Error on drive open.**

**Explanation**

An error occurred that causes the open sequence to terminate without the drive being opened.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE100AI Drive returned CHECK CONDITION**

**Explanation**

A driver was unable to recover the specified device that returned a check condition to the driver, and driver retries were exhausted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE100DI Timeout on drive side of controller**

**Explanation**

A command from controller to drive or ESM takes longer than expected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1010M Impending drive failure detected by drive**

**Explanation**

The logged device generated a PFA condition.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1012I Destination driver error**

**Explanation**

A destination driver has an unrecovered error from the drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1015I Incorrect mode parameters modified and saved on drive**

**Explanation**

A controller successfully modified and saved mode page settings on a drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1016I Drive returned unrecoverable media error**

**Explanation**

An unrecoverable read error was detected on a drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1017I Fibre channel link down**

**Explanation**

A drive or host side channel is down.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1018I Fibre channel link up**

**Explanation**

A drive or host side channel is up.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1019I Extended Fibre Channel link down (more than one minute)**

**Explanation**

A drive or host side channel is down for more than one minute.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE101EM Impending drive failure detected by controller**

**Explanation**

The controller detected that a drive failure is imminent.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE101FI Summary of impending drive failure detected by controller**

**Explanation**

The monitoring period in which a synth PFA was reported is completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1020M Data assurance drive was locked out**

**Explanation**

An incompatible Protection Information drive was discovered.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1021I Slow drive detected by drive performance analyzer. Info for Analysis Purposes**

**Explanation**

Drive performance analyzer determined that a drive is performing slower than its peers with a similar I/O Profile. Only one of these events are logged per drive during any given 24 hour period.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1022I Drive not compared by drive performance analyzer**

**Explanation**

Drive performance analyzer was unable to correctly analyze a drive's performance over the last 24 hours period. For performance to be analyzed, a drive's I/O profile must match a peer group of drives that are large enough for a valid comparison.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1023I Drive copy triggered by a controller detected impending drive failure**

**Explanation**

The controller detected an impending drive failure triggering an automatic drive copy operation before the drive fails.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1024I Start or restart of issuing unmaps to a drive**



**Explanation**

A configuration operation resulted in a drive's unmap boundary being set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1025I Completion of all unmap requests to a drive**

**Explanation**

After the unmap boundary reaches the drive's capacity, all unmaps are issued.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1026I Abnormal decisions were made for drives undergoing provisioning unmaps, not limited to errors**

**Explanation**

An abnormal provisioning unmap decision was encountered.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1201I Fibre channel - LIP reset received**

**Explanation**

A selective LIP reset (LipPdPs) is received.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1202I Fibre channel - TGT reset received**

**Explanation**

A Target Reset was received.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1203I Fibre channel - TPRLO reset received**

**Explanation**

A Third Party Logout with the Global Logout bit was set. This is treated as a Target Reset by the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1205I Fibre channel - driver detected error during initialization**

**Explanation**

An internal error occurred (for example, unable to obtain memory or unable to send frame).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1206I Fibre channel link errors continue**

**Explanation**

A Link Error count exceeded the threshold value after the initial notification.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1207M Fibre channel link errors - threshold exceeded**

**Explanation**

A Link Error count exceeded the threshold the first time.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE1208M Data rate negotiation failed**

**Explanation**

A data rate negotiation failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE1209M Drive channel set to Degraded**

**Explanation**

A drive channel was set to degraded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE120AM SFP failed**

**Explanation**

The SFP on an XBB class controller failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE120BI SFP changed to Optimal**

**Explanation**

The SFP on an XBB class controller changed to Optimal.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE120CI Fibre channel loopback diagnostic failed**

**Explanation**

The Fibre Channel loopback diagnostic test failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE120DM Host-side SFP failed**

**Explanation**

The host side SFP on an XBB class controller failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE120EI Host-side SFP optimal**

**Explanation**

Host side SFP changed to optimal.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1300I InfiniBand channel loopback diagnostic failed**

**Explanation**

Infiniband channel loopback diagnostic test failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1301I InfiniBand port up**

**Explanation**

The Infiniband port is up.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1302I InfiniBand port down**

**Explanation**

The Infiniband port went down.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1303I InfiniBand - TGT reset received**

**Explanation**

A target reset was received on the infiniband port.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1400I Password reset to default**

**Explanation**

The array's password was reset to the default value.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1401I XCopy Lite was disabled**

**Explanation**

XCopy Lite support is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1402I XCopy Lite was enabled**

**Explanation**

XCopy Lite support is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1403M Excessive reboots (exceptions) have occurred on the controller**

**Explanation**

The number of controller reboots in a specific time windows exceeded the threshold.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1404I This event indicates that the controller is no longer experiencing excessive reboots**

**Explanation**

The controller experienced excessive reboots but has not rebooted for 24 hours.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1500I Channel initialization error**

**Explanation**

A controller is unable to initialize hardware or an internal structure.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1501I Selective LIP reset issued to drive**

**Explanation**

A Fibre Channel driver reset a device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1502I Selective LIP reset issued to alternate controller**

**Explanation**

A Fibre Channel driver reset the alternate controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1503I Selective LIP reset issued to IOM (ESM)**

**Explanation**

A Fibre Channel driver reset an enclosure.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1507I Loop port bypass (LPB) issued to drive**

**Explanation**

A Fibre Channel driver bypassed a device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE150EM Controller loop-back diagnostics failed**

**Explanation**

A loop or minihub diagnostics detected that the controller is the bad device on the loop.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE150FM Channel miswire**

**Explanation**

Two channels are connected with one or more ESMs in between.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



- **FQXDE1510M IOM (ESM) miswire**

**Explanation**

Two IOMs (ESMs) of the same tray are seen on the same channel.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1511I Channel miswire resolved**

**Explanation**

A channel miswire was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1512I IOM (ESM) miswire resolved**

**Explanation**

A IOM (ESM) miswire was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1513M Individual drive - Degraded path**

**Explanation**

A drive failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1514I Drive channel changed to optimal**

**Explanation**

A drive channel is active.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1515M Drive Channel hardware failed**

**Explanation**

A drive channel hardware failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE1516I Switch on chip (SOC) EEPROM failed**

**Explanation**

A SOC EEPROM failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1517I Switch on chip (SOC) EEPROM cannot be initialized**

**Explanation**

A SOC EEPROM cannot be initialized.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1518I SFP link speed mismatch detected**

**Explanation**

A SFP that is not capable of operating at the detected channel link speed is present on a drive channel port for the referenced channel, but there is no drive enclosure attached to the channel port.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1519I SFP link speed mismatch resolved**

**Explanation**

A SFP link speed mismatch was cleared by replacing the SFP with one that is rated for operation at the current link speed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE151AM Optical link speed detection failure**

**Explanation**

A drive enclosure that is attached to a channel port is set to a link speed that is not supported by the SFP, resulting in a port bypass, or there is a faulty SFP, cable, or ESM.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE151BI Optical link speed detection failure resolved**

**Explanation**

A drive enclosure that is attached to the bypassed channel port was reset to an SFP-supported link speed, and the port is no longer bypassed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE151CI Copper link speed detection failure**

**Explanation**

Copper cables with integrated SFPs are used and the cable is connected to a bypassed channel port, even if a drive enclosure is attached.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE151DI Copper link speed detection failure resolved**

**Explanation**

A link speed detection failure was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE151EM Controller miswire for drive channel occurred**

**Explanation**

This error is logged only for controllers with integrated drive channel ports. When two ESMs in the same drive tray are connected to different channels from the same controller. This error is reported for both channel ports involved in the miswire.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE151FI Controller miswire for drive channel cleared**

**Explanation**

A controller miswire condition was cleared.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE1520I Internal Drive Port PTBI Failure**

**Explanation**  
The SOC driver receives a PTBI (Port Test Before Insert) failure event from the SOC API.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE1522M Drive enclosure type miswire**

**Explanation**  
Information is not available.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1523I Drive enclosure type miswire clear**

**Explanation**  
Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE1524M Trunk incompatible IOM (ESM)**

**Explanation**

The drive channel is trunk capable but an IOM (ESM) is determined to be trunk incompatible. This event is logged for each IOM (ESM) that is trunk incompatible.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1525M Fibre trunk miswire**

**Explanation**

Drive enclosures are trunk capable but are not cabled correctly for trunking or the cables themselves are missing. There should be one MEL event logged irrespective of the number of devices in miswire.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1526I Trunk state enabled**

**Explanation**

The drive channel is fully trunk capable, including one event per channel after a boot cycle, if the channel is trunk capable.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1527I Trunk state disabled**

**Explanation**

The trunk state of the drive channel changed from enabled to disabled, meaning that the channel is no longer trunking capable.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1528I Corrected trunk incompatible IOM (ESM)**

**Explanation**

An IOM (ESM) that was previously not trunk capable is now trunk capable.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1529I Trunk miswire corrected**

**Explanation**

A controller/ESM trunk miswire condition was corrected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1650M SAS host channel miswire detected**

**Explanation**

Two ESMs or controllers, residing in the same tray, are cabled together.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1651I SAS host channel miswire resolved**

**Explanation**

A configuration change resolved a front end miswire condition.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1652L SAS source driver partner initiator overflow**

**Explanation**

A SAS source driver detects an initiator overflow condition resulting in the partner controller being unable to communicate with the SAS backend elements. This event is only logged on SAS-1 controllers.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE1653I SAS source driver detected regular initiator overflow**

**Explanation**

A SAS backend driver detected an initiator overflow due to too many SAS devices connected on the back end.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1654L Host wide port is degraded**

**Explanation**

One of the host port PHYsical devices went down from the optimal state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE1655I Host wide port link is up**

**Explanation**

At least one of the host port PHYsical devices went up from the failed port state.

**Severity**

Informational

**Serviceable with log**



No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1656I Host wide port link is down**

**Explanation**

A host wide port state went from degraded to failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1657I Host wide port link is optimal**

**Explanation**

One or more of the PHYsical connections associated with the port are connected to a state where all PHYsical connections associated with the wide-port are connected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1658I A host card SAS port connection speed is below the maximum**

**Explanation**

A host card SAS port in the array is operating at a speed below the maximum capable speed of that port.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1659I An SMP Timeout event has occurred to a switch connected on a host channel. Check host channel switches for possible issues.**

**Explanation**

The IOC chip experienced an SMP Timeout to a front end expander on a host channel.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE165AM An error was detected during SAS backend discovery processing**

**Explanation**

A connectivity error was detected during the SAS backend discovery processing. There was a loss of redundancy with the connectivity to trays and drives.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE165BI The controller detected that a SAS IOC has faulted**

**Explanation**

SAS IOC fault condition occurred.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE165CI The controller detected that a SAS IOC has faulted and started a recovery procedure in an attempt to bring it back to an operational state**

**Explanation**

SAS IOC fault condition occurred.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE165DI The controller detected that a SAS IOC has faulted and completed a recovery procedure. The SAS IOC was recovered and is now in an operational state**

**Explanation**

SAS IOC fault condition occurred.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1700M Invalid SAS topology detected**

**Explanation**

A RAID controller detected an invalid SAS topology, such as an expander PHY with a table routing attribute attached to another expander PHY with a table routing attribute, a SAS loop, or multiple ports with the same SAS address.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1701I Invalid SAS topology resolved**

**Explanation**

A RAID controller detected that an invalid SAS topology was corrected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1702M SAS host adapter miswire detected**

**Explanation**

A RAID controller detected a SAS adapter miswire.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1703I SAS host adapter miswire resolved**

**Explanation**

A RAID controller detected that a SAS host adapter miswire was corrected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1704M SAS IOM (ESM) miswire detected**

**Explanation**

A RAID controller detected a SAS IOM (ESM) miswire.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1705I SAS IOM (ESM) miswire resolved**

**Explanation**

A RAID controller detected that a SAS IOM (ESM) miswire was corrected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1706M Optimal wide port becomes degraded**

**Explanation**

At least one of the PHYs that comprise a port is determined to be connected to an attached device, but the remaining port PHYs cannot connect to or communicate with an attached device.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1707M Degraded wide port becomes failed**

**Explanation**

An attached device is present, but none of the PHYs that comprise the port attached to that device can connect to or communicate with the device.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1708I Single connection established through previously failed wide port**

**Explanation**

One of the PHYs that are attached to a device connected to and started communicating with the device (when the wide port was previously in a Failed state). Other PHYs connected to that device remain uninitialized.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1709I All connections established through wide port**

**Explanation**

All PHYs comprising a wide port connected to and started communicating with the attached SAS device (when the wide port was previously in a Degraded state).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE170AM Drive expansion port miswire**

**Explanation**

Information is not available.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE170BI Drive expansion port miswire resolved**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE170CI SAS host port configuration error**

**Explanation**

More than two PHYSical connections are established but the controller is configured through an NVSRAM setting to manage only two PHYSical connections.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE170FM Controller wide port has gone to degraded state**

**Explanation**

At least one of the PHYs that comprise a port is determined to be connected to an attached device, but the remaining port PHYs cannot connect to or communicate with an attached device.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1710M Controller wide port has gone to failed state**

**Explanation**

A device that is attached to the controller is present, but none of the PHYs that comprise the port attached to that device can connect to or communicate with the device.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1711I Controller wide port has gone to degraded state**

**Explanation**

One of the PHYs on the controller that is attached to a device connected to and started communicating with the device. Other PHYs connected to that device remain uninitialized.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1712I Controller wide port has gone to optimal state**

**Explanation**

All PHYs comprising a wide port on a controller connect to and begin communicating with the attached SAS device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1717I Link in the controller tray is slow**

**Explanation**

An internal SAS port in the array established a connection that is below the maximum connection speed capable by that port. An internal port is a connection internal to the array controller enclosure. Note that baseboard host SAS ports, which are present on some controllers such as Snowmass, are considered internal ports.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1718I Expansion tray link is slow**

**Explanation**

An interconnect SAS port in the array established a connection that is below the maximum connection speed capable by that port. An interconnect port is a connection between the controller and an expansion enclosure or between two expansion enclosures.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1719I SAS drive link is slow**

**Explanation**

A drive SAS port in the array established a connection that is below the maximum connection speed capability of that port.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE171AM A controller may have lost access to expansion trays**

**Explanation**

A controller might have lost access to expansion trays.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.



- **FQXDE171BI Access to expansion trays restored**

**Explanation**  
A controller regained access to expansion trays.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- **FQXDE1801I Authentication failure**

**Explanation**  
Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- **FQXDE1802I Unsupported authentication type**

**Explanation**  
Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.
- **FQXDE1804I iSNS server failure**

**Explanation**  
Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE1805I iSNS server contacted**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1806I Forced session end**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1807I IP address failure**

**Explanation**

A failure occurred retrieving the IP address that is assigned to the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1808I Login failure**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE180AM Failed I/O host card; iSCSI interface error detected**

**Explanation**

The firmware detects an iSCSI interface error. The optional data field of the MEL event includes information about the cause of the error, which, if Andrecht, Snowsnake, or Glencove HICS, includes (1) Uncorrectable ECC error, (2) The firmware cannot successfully restart the iSCSI interface, or (3) an iSCSI Controller EEPROM Error occurs. If Zion or Samoa HICS, the firmware cannot successfully restart the iSCSI interface.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE180CI Connection terminated unexpectedly**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE180DI Session terminated unexpectedly**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE180EI iSCSI interface correctable ECC error occurred**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE180FI iSCSI interface restarted**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1810I DHCP failure in iSCSI interface**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1811I DHCP success**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1812I iSCSI IPV6 error, configuration change, or duplicate IP address detected**

**Explanation**

Either a configuration change was made or an iSCSI error was detected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1813I iSCSI data overrun**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1814I iSCSI carrier was detected**

**Explanation**

An iSCSI Ethernet Port transitioned from no carrier detected to carrier detected (link up).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1815I iSCSI carrier was lost**

**Explanation**

An iSCSI Ethernet Port transitioned from carrier detected to loss of carrier detect (link down).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1816I iSCSI connection speed warning**

**Explanation**

The ethernet port cannot connect at 10Gb/s.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1817I iSCSI communication was established**

**Explanation**

iSCSI communication to a remote target was established.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1818I iSCSI communication lost to remote target**

**Explanation**

iSCSI communication to remote target was lost.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1819I iSCSI duplicate IPv4 address**

**Explanation**

A duplicate iSCSI IPv4 address was detected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1900I Cache memory DIMM detected**

**Explanation**

A new cache memory DIMM was detected by the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1901I Cache memory DIMM is missing**

**Explanation**

A cache memory DIMM is missing.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1902I Host interface card added**

**Explanation**

A new host card interface was detected by the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1903I Host interface card removed**

**Explanation**

The host interface card is missing.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1904M Failed host interface card**

**Explanation**

The host interface card failed a loopback diagnostic test.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1905I Host interface card replaced with same board type**

**Explanation**

The host interface card was replaced with a host interface card of the same type.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1906I Host interface card replaced with different board type**

**Explanation**

The host interface card was replaced with a host interface card of a different type.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE1907M Controller was locked down due to too many missing drives**

**Explanation**

A controller was locked down due to detecting enough missing drives that if left alone would result in failed volumes.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE1908M A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.**

**Explanation**

A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.



**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE200AM Data/parity mismatch on volume**

**Explanation**

A data/parity mismatch was detected during data scrubbing.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE200FI Cache synchronization started**

**Explanation**

A cache synchronization started from an external (to VDD) source. Defined but not logged in this release.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2010I Cache synchronization completed**

**Explanation**

A cache synchronization for the specified unit completed. Defined but not logged in this release.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2011I Cache flush started**

**Explanation**

An operation to flush cache for the specified unit started. Defined but not logged in this release.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2012I Cache flush completed**

**Explanation**

An operation to flush cache for the specified unit completed. Defined but not logged in this release.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2013I Unwritten data/parity recovered from cache**

**Explanation**

An unwritten data and parity was recovered from cache at start-of-day or during a forced change in LUN ownership between the controllers.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2014I VDD logged an error**

**Explanation**

A VDD logged an error.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2015I Uncompleted writes detected in NVSRAM at start-of-day**

**Explanation**

At the start-of-day, uncompleted writes were detected in NVSRAM. This event is logged as part of SOD processing. This event reports a count of the number of unfinished writes that were being tracked in the controller's NVSRAM prior to the reboot. So, there's no recovery procedure necessary for the firmware and there's no action required.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2016I Interrupted writes processed**

**Explanation**

A VDD processed interrupted writes for the specified unit. This event is logged after all writes that were interrupted by a controller reboot have been completed. So, there's no recovery procedure necessary for the firmware and there's no action required.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2017I Interrupted writes detected from checkpoint logs**

**Explanation**

An interrupted writes were written to checkpoint logs. This event logs the number of interrupted writes that were completed on a per volume basis (as opposed to a total count of the writes completed). No recovery procedure is required for the firmware, and no action is required.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE201CI VDD recover started**

**Explanation**

Logged at the beginning of a RAID 1 or RAID 5 VDD recover operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE201DI VDD recover completed**

**Explanation**

Logged at the end of a recover operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE201EI VDD repair started**

**Explanation**

Logged at the beginning of a repair operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE201FI VDD repair completed**

**Explanation**

Logged at the end of a repair operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2020I Piece failed during interrupted write**

**Explanation**

A piece failed during an interrupted write operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2021I Virtual disk failed during interrupted write**

**Explanation**

A virtual disk failed as part of a interrupted write operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2022I Media scan (scrub) started**

**Explanation**

A scrubbing is started for the specified unit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2023I Media scan (scrub) completed**

**Explanation**

The scrubbing operations for the specified unit completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2024I Media scan (scrub) resumed**

**Explanation**

The scrubbing operations are resumed for the specified unit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2025I Reconstruction started**

**Explanation**

The reconstruction operations are started for the specified unit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2026I Reconstruction completed**

**Explanation**

The reconstruction operations for the specified unit completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2027I Reconstruction resumed**

**Explanation**

The reconstruction operations are resumed for the specified unit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2028I Modification (reconfigure) started**

**Explanation**

The reconfiguration operations are started for the specified unit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2029I Modification (reconfigure) completed**

**Explanation**

The reconfiguration operations for the specified unit completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE202AI Modification (reconfigure) resumed**

**Explanation**

The reconfiguration operations are resumed for the specified unit.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE202BI Redundancy check started**

**Explanation**

The parity scan operations for the specified unit started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE202CI Redundancy check completed**

**Explanation**

The parity scan operations for the specified unit completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE202EM Read drive error during interrupted write**

**Explanation**

An Unrecoverable Read Error was detected.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE202FI Automatic volume transfer completed**

**Explanation**

An auto LUN transfer operation completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2030I Initialization completed on volume**

**Explanation**

A volume format completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2031I Initialization started on volume**

**Explanation**

A volume format started.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2032I Initialization resumed on volume**

**Explanation**

A volume format was resumed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2033I Parity reconstructed on volume**

**Explanation**

A parity was reconstructed on a volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2035I Redundancy not consistent**

**Explanation**

User data is read and the parity calculated on the read data does not match the parity that was calculated when the data was written originally.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2036I Redundancy consistent after retry**

**Explanation**

Parity inconsistency was detected and a subsequent re-read of the data resulted in a parity match -- the parity calculated on the re-read data matches the parity calculated when the data was written originally.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2037I Redundancy not verified**

**Explanation**

If during a read operation, the parity associated with the data could not be verified against the parity calculated when the data was written originally. For example, if pre-read redundancy was enabled and an attempt was made to read a degraded RAID 5 stripe, this event would be logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2038I Media scan cycle started on unused drives**

**Explanation**

A media scan cycle on unassigned drives or unused global hot spares started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2039I Media scan cycle on unassigned drives completed**

**Explanation**

A media scan cycle on unassigned drives completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE203BM Drive failed due to un-recoverable read error during scan**

**Explanation**

A drive failed due to an unrecoverable read error detected during scan cycle.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE203DI Drive adopted**

**Explanation**

Logged for each drive that is adopted after a SYMBol adoptDrive or adoptAllDrives procedure.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE203EI FDE drive re-provisioned**

**Explanation**

A FDE drive was reprovisioned.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE203FI FDE drive re-provision failed**

**Explanation**

The reprovisioning of an FDE drive failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2040I FDE secure component conversion**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2043I Threshold exceeded during successful mismatch correction**

**Explanation**

Error threshold is exceeded but the mismatch correction was successful. A drive experienced so many IO errors that a predictive drive failure was initiated. However, all of the data needed to verify consistency in a pre-read redundancy operation was successfully read from the drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2044I IO shipping implicit volume transfer**

**Explanation**

A volume's ownership was temporarily transferred to reduce IO shipping.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2045M Redundancy group not consistent during reconfiguration**

**Explanation**

As part of a reconfiguration operation, a redundancy group is inconsistent. After the reconfiguration operation completes, the data will be consistent but the data might be corrupt.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2046L Isolation of drive causing redundancy mismatch**

**Explanation**

In RAID 6 environments, using media scan with redundancy check or when pre-read redundancy check is enabled. The event is logged when a drive can be isolated as causing corruption using P and Q parity of RAID 6. In this event data on disk is not altered as correction action without the potential of corruption is ambiguous.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2047L Different Data Returned On Read Retry**

**Explanation**

A redundancy check resulted in retried reads and the drive returns different data on the retry.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2048L Data altered to correct redundancy mismatch**

**Explanation**

Data is altered due to a detected inconsistency in redundancy. The data, which was within a redundancy group with multiple redundancy (for example, RAID 6), was isolated, recovered, and rewritten to the drive.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2049I Fail-back implicit volume transfer**

**Explanation**

Volume ownership changed back to preferred controller following recovery of a fault condition.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE204AI Auto Load Balancing implicit volume transfer**

**Explanation**

Implicit volume ownership changed to rebalance incoming IO workload.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE204BI The reconstruction agent failed to enable drive write caching as part of rebuild**

**Explanation**

The reconstruction agent failed to enable drive write caching as part of rebuild.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE204CI The reconstruction agent failed to sync drive write caching as part of rebuild**

**Explanation**

The reconstruction agent failed to sync drive write caching as part of rebuild.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE204DI The reconstruction agent failed to disable drive write caching as part of rebuild**

**Explanation**

The reconstruction agent failed to disable drive write caching as part of rebuild.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE204EF Recoverable drive hardware failure detected by drive**

**Explanation**

An SSD experienced a die failure that is recoverable at the volume level.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE204FF Recoverable drive hardware failure detected by drive**

**Explanation**

An SSD experienced a processor exception that is recoverable at the volume level.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2060I Data assurance mismatch detected - probable cause is channel interface**

**Explanation**

A channel interface and protection information do not match.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2061I Data assurance mismatch detected - probable cause is cached data**

**Explanation**

A cached volume data and protection information do not match.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2062I Data assurance mismatch detected - probable cause is data on drive**

**Explanation**

A drive read failed due to an EDC miscompare.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2064I Data assurance error detected during cache backup**

**Explanation**

A cache backup is in progress and a protection information error was detected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2066I A protected volume to LUN mapping was automatically deleted**

**Explanation**

A controller automatically deleted a volume-to-LUN mapping because the volume is protected, and the hosts or clusters mapped to it are not capable of accessing a protected (PI) volume. This could be the result of a change to the configuration of a HIC card.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXDE2067I Host data assurance change**

**Explanation**

A defined host that was previously capable of accessing a Protection Information (PI) volume is now incapable of accessing that volume. This could occur because additional host ports of other I/O interface types were added to the host definition, or because a hardware configuration change impacted the PI capability of an associated I/O interface type.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2068I Cluster data assurance change**

**Explanation**

A defined cluster that was previously capable of accessing a Protection Information (PI) volume is now incapable of accessing that volume. This could occur because additional hosts were added to the cluster. It could also occur if the access method capabilities of a host in the cluster have changed because of a hardware configuration change.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2069M Controller is in Service Mode due to excessive Data Assurance errors**

**Explanation**

The controller was rebooted into Service Mode because the controller detected excessive Data Assurance errors.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE206AM Controller is in Analysis Lockdown Mode due to excessive Data Assurance errors**

**Explanation**

The controller was rebooted into Analysis Lockdown Mode because the controller detected excessive Data Assurance errors.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE206BI Controller has exited Analysis Lockdown Mode**

**Explanation**

The controller exited Analysis Lockdown mode. The error condition that triggered the Analysis Lockdown Mode was cleared, and the controller will be rebooted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE206CI Controller has exited Data Assurance Service Mode**

**Explanation**

This event is logged when the controller exits Service Mode. Service Mode was entered due to excessive Data Assurance errors. The error condition was cleared, and the controller will be rebooted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE206DI Data assurance mismatch detected -- cached data recovered from alternate**

**Explanation**

Data Assurance errors were detected during a cache flush to disk. One or more of the Data Assurance errors in the cache block were recovered from the alternate controller's cache.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE206EI PI errors on cache data blocks were repaired**

**Explanation**

PI errors on cache blocks were repaired. The repair was initiated by either an end user or customer support.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE206FI Data assurance mismatch detected -- data recovered, but volume degraded**

**Explanation**

Data Assurance errors were detected during a cache flush to disk for degraded volumes, resulting in Unreadable Sector errors for the drives that failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2070I Data assurance mismatch detected -- cached data error on both controllers**

**Explanation**

Data Assurance errors were detected during a cache flush to disk. One or more of the Data Assurance errors in the cache block could not be recovered from the alternate controller's cache.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2101I Alternate controller checked in late**

**Explanation**

An alternate controller checked in late.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2102I Cache mirroring on controllers not synchronized**

**Explanation**

A mirror is out of sync with the alternate controllers mirror. One controller was not able to mirror data to the cache on the other controller. This is generally A controller is rebooted, but can also be logged for a mirror cache error (very uncommon). The event results in internally disabling write back cache (WBC) which has its own critical mel (MEL\_EV\_WB\_CACHING\_FORCIBLY\_DISABLED) if WBC is still disabled after 15min. This delay avoids multiple critical mels for transient conditions.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2105I Controller cache reconfigure event**

**Explanation**

A cache is reconfigured.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2109M Controller cache not enabled - cache sizes do not match**

**Explanation**

A write back cache cannot be enabled due to different cache sizes of the controllers in the subsystem. ASC/ASCQ value of 0xA1/0x00 is also logged with this event.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE210AI Controller cache not enabled or was internally disabled**

**Explanation**

A write back cache cannot be enabled or was internally disabled. The ASC/ASCQ value of 0xA0/0x00 is also logged with this event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE210BI Cache between controllers not synchronized**

**Explanation**

A cache synchronization between the controllers failed. The ASC/ASCQ value of 0x2A/0x01 is also logged with this event. The event is An internal attempt to sync the cache between the two controllers failed -- a slightly different process than having one controller mirror its cache to the other controller. If this error is recurring, a critical MEL event will be logged and the write back cache will be disabled. At that point, the customer should contact support.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE210CM Controller cache battery failed**

**Explanation**

A cache battery failed. ASC/ASCQ of 0x0C/0x00 is also logged with this event.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE210EM Controller cache memory recovery failed after power cycle or reset**

**Explanation**

Logged by cache manager when cache blocks cannot be successfully recovered. Companion to an ASC/ASCQ status of 0x0C/0x81.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE210FI Controller cache memory parity error detected**

**Explanation**

A memory parity error was detected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2110L Controller cache memory initialization failed**

**Explanation**

A persistent RPA Memory Parity error was detected. A test of the cache memory (the data buffer on the controller) failed. The test is initiated with the startCacheMemoryDiagnostic\_1 SYMbolAPI command. When the error occurs, the controller logs this event and locks down.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2112I Controller cache battery is fully charged**

**Explanation**

A cache battery was transitioned to the good state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2113M Controller cache battery nearing expiration**

**Explanation**

A cache battery is within the specified number of weeks of failing. The ASC/ASCQ value of 0x3F/0xD9 is also logged with this event.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2117I Controller cache manager error cleared**

**Explanation**

On occasion, CCM might log an error prematurely and then clear it later. For example, errors might be logged when the alternate controller is removed from the subsystem. If the controller is replaced before a write is complete, CCM cancels the errors logged because the controller is replaced and functioning normally.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE211AI Cache corrected by using alternate controller's cache**

**Explanation**

A cache manager was corrected using the alternate controller's cache memory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE211BM Batteries present but NVSRAM file configured for no batteries**

**Explanation**

A conflict was detected between the NVSRAM setting and the presence of batteries.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE211CI Battery pack is charging**

**Explanation**

A cache battery is charging.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE211DI Persistent single-bit memory ECC event - recovered**

**Explanation**

There is a single bit ECC error in memory that cannot be cleared. The contents of memory can still be read and written to correctly.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE211EM Current cache size is unsupported**

**Explanation**

Controller is configured with an unsupported cache memory size.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE211FM Insufficient cache backup device capacity**

**Explanation**

The cache backup device is missing, leaving insufficient capacity to perform full cache backup.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2120M Insufficient processor memory for cache**

**Explanation**

The controller does not have sufficient processor memory to support the configured cache.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2124M Dedicated mirror channel failed**

**Explanation**

Information is not available.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2125L Integrity check failed during cache restore**

**Explanation**

A data integrity check failed when the cache data was being restored from the backup device.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2126L Backup of cache to persistent device did not complete**

**Explanation**

The backup of the cache did not complete before the controller lost power -- input power and battery backup power.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2127I Insufficient cache backup device capacity for non-critical data**

**Explanation**

The capacity of the backup device is not large enough to backup non-critical data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2129I Cache backup device error**

**Explanation**

An I/O error occurred on a cache backup device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE212AI Cache database mismatch was detected**

**Explanation**

Another drive tray was temporarily attached that held a different configuration, causing a mismatch between the cache data and the data in the database. The cache data is cleared so that the permanent controller configuration will not be impacted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE212BM Write-back caching forcibly disabled**

**Explanation**

Write-back caching was forcibly disabled beyond a threshold period of time for volumes that are configured to use the write caching capability.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE212CI Write-back caching fully restored**

**Explanation**

Write-back caching capability of all the volumes was fully restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE212DI A cache data loss occurred but no action is required from the user**

**Explanation**

There was a loss of cache data but no user action is required. A cache data loss can occur if, after a controller reboot, the controller is unable to recover cache blocks. This event gets logged if those cache blocks correspond to the repository volume of a snapshot.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE212EM Cached data may have been lost**

**Explanation**

Recovery control block information was lost either while restoring from a backup device or some other reason.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE212FI Cache manager enabled secondary cache**

**Explanation**

Cache manager enabled secondary cache.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2130I Secondary cache not enabled because of initialization timeout**

**Explanation**

Secondary cache is not enabled due to an initialization timeout in core dump manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2131M Dirty cache not flushed on the only active controller**

**Explanation**

The alternate controller is held in reset, and this controller failed to flush dirty cache data on failed volumes possibly due to offlined drives. Do not replace the controller to avoid loss of data.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2202I Volume added**

**Explanation**

A LUN was added to the subsystem.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2203I Volume group or volume deleted**

**Explanation**

A specified virtual disk was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2204I I/O is resumed**

**Explanation**

A vdResumeIO was called for specified device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2206I Reconstruction completed**

**Explanation**

A CFG manager completed reconfiguring the specified device successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2207I Device copy completed**

**Explanation**

A configuration manager completed the copy process to the specified device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2208I Modification (reconfigure) setup**

**Explanation**

The configuration manager set up the specified unit and device number for reconfiguration and is going to call VDD to start the reconfiguration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE220AI Copyback started**

**Explanation**

A copy task was started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2213I Volume initialized with zeros**

**Explanation**

Zeros were written to the specified LUN.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2215I Drive marked failed**

**Explanation**

A configuration manager posted a UA/AEN for a failed drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2216I Piece taken out of service**

**Explanation**

A configuration manager took a piece of the specified LUN out of service.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2217I Piece failed**

**Explanation**

A piece of specified LUN failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE221AI Piece replaced**

**Explanation**

A piece of specified LUN was replaced.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE221BI Piece placed in service**

**Explanation**

A configuration manager placed a LUN piece in service.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE221CI Component placed offline**

**Explanation**

An entire drive group was placed online and the first 16 devices of the drive group are recorded in the data buffer.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE221FI Immediate availability initialization (IAF) completed on volume**

**Explanation**

A volume completed the Immediate Availability Format.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2220I Hot spare drive added to hot spare list**

**Explanation**

A drive was added to the global hot spare list.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2221I Hot spare drive removed from hot spare list**

**Explanation**

A drive was removed from the hot spare list.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXDE2222I Logical unit number for volume reassigned**

**Explanation**

A new rank has a duplicate unit number as an existing LUN.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2224I Reconstruction started**

**Explanation**

A reconstruction was started for the specified device.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2226I Drive spun down**

**Explanation**

A specified drive was spun down.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2227I Drive marked optimal**

**Explanation**

A routine cfgSetDevOper (external interface) was called from the shell, by the format command handler, or by the mode select command handler.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2228I Drive deleted**

**Explanation**

A cfgDelDrive (external interface) or cfgDriveDeleted was called. This interface can be called from the shell or mode select command handler.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE222DM Drive manually failed**

**Explanation**

A device failed manually (via a SYMbolAPI command).

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE222EI Mark drive removed**

**Explanation**

A drive is to be marked removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2231I Drive marked removed**

**Explanation**

A configuration manager state machine is going to mark a drive removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2233I Unassigned drive marked removed**

**Explanation**

An unassigned drive was marked as removed by a configuration manager.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2234I Reconstructing drive marked removed**

**Explanation**

A drive was removed that has not finished reconstruction. This usually happens when a drive that is waiting for reconstruction to begin is removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2235I Optimal/Replaced drive marked removed**

**Explanation**

An optimal or replaced drive was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2236I Hot spare drive copy completed**

**Explanation**

A configuration manager state machine completed a copy operation on a global hot spare drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2247I Data lost on volume during unrecovered interrupted write**

**Explanation**

A LUN is marked DEAD due to a media error failure during SOD. An error occurred during Interrupted Write processing causing the LUN to transition to the DEAD State. SK/ASC/ASCQ

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2249M Physical drive replacement is too small**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE224AM Drive has wrong block size**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE224BM Drive failed - initialization failure**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE224CI Wrong drive removed/replaced**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE224DM Drive failed - no response at start of day**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE224EM Drive failed - initialization/reconstruction failure**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE224FI Hot spare capacity not sufficient for all drives**

**Explanation**

A defined Global Hot Spare device is not large enough to cover all of the drives in the subsystem.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2250M Volume failure**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2251M Drive failed - reconstruction failure**

**Explanation**

A configuration manager posted an UA/AEN of ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2252M Drive marked offline during interrupted write**

**Explanation**

A specified device failed during interrupted write processing. SK/ASC/ASCQ

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2256I Copyback completed on volume**

**Explanation**

A copyback completed on volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE225AI Immediate availability initialization (IAF) started on volume**

**Explanation**

An IAF started on volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE225CI Controller in stopped state**

**Explanation**

A controller stopped. In a simplex configuration, the single controller is foreign and has invalid firmware; or in a duplex configuration, both controllers are foreign and have invalid firmware. Another scenario is a simplex configuration with two controllers, and controller \"B\" is stopped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE225DI Automatic configuration started**

**Explanation**

An automatic configuration started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE225EI Automatic configuration completed successfully**

**Explanation**

An automatic configuration completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE225FI Automatic configuration failed**

**Explanation**

An automatic configuration failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2260M Uncertified Drive Detected**

**Explanation**

An uncertified drive was detected in the array.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2261I Controller clocks set by NTP or SNTP Server**

**Explanation**

A controller clocks were set to a time broadcast by an NTP or SNTP server.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2262M Failed drive replaced with wrong drive type**

**Explanation**



A drive assigned to a volume group failed, removed, and replaced with a drive that is not the same as the failed drive (for example, a Fibre Channel drive is replaced with a SATA drive).

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2263I The drive replacement succeeded**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2264I The drive replacement failed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2266M Volume modification operation failed**

**Explanation**

A drive failed during a reconfiguration operation causing the failure of all volumes in the volume group.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2267M Incompatible drive due to invalid configuration on drive**

**Explanation**

A drive transitioned to incompatible due to a invalid volume group configuration.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2268I Component's capacity was reduced**

**Explanation**

A capacity of a volume group was reduced. This can occur if a smaller capacity drive in swapped in for a larger capacity but failed drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2269I Export volume group drive unusable**

**Explanation**

An attempt was made to export a volume group, but one or more drives are not exportable due to some issue with stable-storage, such that problems would occur on the subsequent import of the drives in question.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE226AI Dacstore region has moved**

**Explanation**

The Data Parity Log region was moved to an unused portion of Dacstore.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE226BM Security (FDE) key needed**

**Explanation**

A FDE lock key needed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226CM Drive failure**

**Explanation**

A drive failure was detected.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226DM Assigned drive or hot spare-in use drive removed**

**Explanation**

A drive that was assigned to a volume group or a hot spare drive that is in use was removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226EM Solid state drive at end of life**

**Explanation**

Schedule replacing the SSD immediately or risk having the drive fail.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE226FI Solid state drive nearing end of life**

**Explanation**

Schedule replacing the SSD at the earliest possible time.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2271M Physical drive has unsupported capacity**

**Explanation**

The controller firmware detected a drive that has a capacity which is unsupported.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2273M Hot spare in use**

**Explanation**

Information is not available.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2274M Component is missing**

**Explanation**

A volume group changed to the missing state because all drives from the group were removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2275M Component incomplete**

**Explanation**

A volume group is incomplete because one or more drives in the group were removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2276M Interposer FW version unsupported**

**Explanation**

The firmware version in an interposer is incompatible with the drive behind the interposer. New interposer firmware is necessary.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2277G Repository volume security incompatibility detected**

**Explanation**

An operation was performed that results in a snapshot group, snapshot image, or mirror volume to be secure-enabled while the associated snapshot image repository, snapshot group repository, mirror repository or mirror secondary volume is not yet secure-enabled.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2278M Incompatible alignment for emulation drive**

**Explanation**

Locking out an emulation drive that has a non-zero lowest aligned LBA. An emulation drive is one in which the logical and PHYSical block sizes are not identical and therefore emulates the logical block size.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2279I IAF suspended for reconstruction**

**Explanation**

An IAF operation was suspended so that a reconstruction can occur.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE227AI IAF resumed**

**Explanation**

IAF was resumed after being interrupted for reconstruction.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE227BI Reconfiguration suspended**

**Explanation**

Volume group reconfiguration was interrupted (suspended) to allow reconstruction in the volume group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE227CM Waiting for eligible copy destination to start drive copy**

**Explanation**

The controller detected an impending drive failure but is unable to trigger an automatic drive copy operation because there is not an eligible copy destination available.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE227DI Drive copy triggered by solid state drive at end of life**

**Explanation**

A solid state drive reported end-of-life, triggering an automatic drive copy operation before the drive failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE227EI Drive copy started**

**Explanation**

A copy then fail operation started on a drive. It can be either automatically triggered by the detection of an impending failure or user initiated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE227FI Drive copy started**

**Explanation**

A user initiated copy then replace operation started on a drive.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2280I Drive copy completed and drive failed**

**Explanation**

A copy then fail operation completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2281I Drive copy completed and drive replaced**

**Explanation**

A copy then replace operation completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2282I Drive copy canceled**

**Explanation**

A drive copy was canceled because of user request or a drive in the copy operation fails.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Information only; no action is required.

- **FQXDE2283I Drive copy suspended**

**Explanation**

A drive copy operation is suspended.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2284I Drive copy resumed**

**Explanation**

A suspended drive copy operation was resumed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2285M Impending drive failure detected by drive**

**Explanation**

A PFA condition was detected, but an automatic drive copy operation was not initiated due to the configuration settings or current volume state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2286I Drive copy triggered by a drive detected impending failure**

**Explanation**

A drive detected an impending failure triggering an automatic drive copy operation before the drive failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2287M A NTP domain server name is either invalid or the configured primary or secondary DNS servers are unreachable**

**Explanation**

The controller was unable to resolve an IP address for the given domain name of the NTP server using the administered primary or secondary DNS.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2288M Either the NTP server's resolved or configured IP address is wrong or the IP address is unavailable via the attached network**

**Explanation**

The controller was unable to reach an NTP server's resolved or configured IP address.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2289M The DNS/NTP configuration on this controller is either incorrect or all the NTP servers are unreachable over the network**

**Explanation**

All SNTP queries to the configured Primary and Secondary NTP Servers failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE228AI . After controllers are rebooted, the NTP state is compared on the two controllers. In this case, they were found to be different, for example, one controller has NTP enabled and the other has NTP disabled. Although this is unconventional, it might be intentional**

**Explanation**

The controllers in this array have different NTP enable/disable settings.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2302M SBB validation failure for power supply**

**Explanation**

A power supply failed the validation for Storage Bridge Bay.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2303M Mismatched midplane EEPROM contents**

**Explanation**

The contents of the EEPROMs on the midplanes do not match.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2304M Two wire interface bus failure**

**Explanation**

A failure was detected on the two wire interface bus.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2305M VPD EEPROM corruption**

**Explanation**

VPD data in the Storage Bridge Bay EEPROM is corrupted.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2306I Mismatched midplane EEPROM contents one controller**

**Explanation**

The contents of the SBB EEPROMS on the midplane was detected as mismatched by one controller of a redundant pair.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2307I Chassis serial number was corrected**

**Explanation**

The controller firmware determined that the original chassis serial number was incorrect and has reprogrammed the serial number to the correct value.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2308F Chassis serial number might be incorrect**

**Explanation**

The controller firmware examined the chassis serial number but is not able to confirm its validity.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2400I Hot swap monitor detected drive removal**

**Explanation**

The hot swap monitor detected that a drive was removed from the system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2401I Hot swap monitor detected drive insertion**

**Explanation**

The hot swap monitor detected that a drive was inserted in the system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2500M Controller removed**

**Explanation**

A controller was removed from an array configured to use dual controllers.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2506I A missing controller was reinserted**

**Explanation**

A missing controller was reinserted in a duplex environment.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2600I Automatic controller firmware synchronization started**

**Explanation**

An ACS Download was started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2601I Automatic controller firmware synchronization completed**

**Explanation**

The controller was rebooted after auto code synchronization was performed. An ASC/ASCQ value of 0x29/0x82 is also logged with this event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2602L Automatic controller firmware synchronization failed**

**Explanation**

An auto code synchronization failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2603I Default volume created**

**Explanation**

A default LUN was created at SOD.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE2604M Persistent controller memory parity error**

**Explanation**  
A SOD detected that the persistent memory parity error state was set. RPA memory has reported a persistent error, this generally results in a lock-down.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

- **FQXDE2605I Start-of-day routine completed**

**Explanation**  
A controller completed initialization.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE2606I Start-of-day routine begun**

**Explanation**  
A controller started the start-of-day routine.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE2607M Inconsistent security (FDE) storage array lock key**

**Explanation**  
An inconsistent array lock key situation was detected.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2700I Controller RPA memory parity error detected**

**Explanation**

Logged during ccmlnit during start of day if a parity error is found in RPA memory.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2702I Controller unexpected RPA interrupt detected**

**Explanation**

An unexpected RPA Interrupt was detected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2703I Recoverable error in processor memory detected/corrected**

**Explanation**

A controller encountered recoverable processor DRAM ECC errors (below the maximum threshold).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2705M Multiple mismatched key ids found**

**Explanation**



Multiple mismatched drive lock key IDs were detected by the firmware.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2801M Storage array running on UPS battery**

**Explanation**

A UPS battery started to supply power to the subsystem.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2802I UPS battery is fully charged**

**Explanation**

A UPS battery is charged and transitioned to the good state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2803M UPS battery - two minutes to failure**

**Explanation**

The UPS has two minutes of power remaining before failing. The controllers will flush any dirty data in their caches and turn off data caching.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2809I Controller tray component changed to optimal**

**Explanation**

A subsystem line transitioned to the Good state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE280AM Controller tray component removed**

**Explanation**

An expected subsystem line was removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE280BM Controller tray component failed**

**Explanation**

A subsystem line transitioned to the Failed state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE280CI Drive tray component changed to optimal**

**Explanation**

An enclosure transitioned to the Good state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE280DM Drive tray component failed or removed**

**Explanation**

An enclosure transitioned to the Failed state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2816M Tray ID conflict - duplicate IDs across drive trays**

**Explanation**

A controller detected duplicate drive tray IDs in the subsystem.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2817I Tray ID conflict resolved**

**Explanation**

A controller detected that an enclosure ID conflict no longer exists.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE281AI Temperature changed to optimal**

**Explanation**

A controller detected that a temperature sensor has transitioned to a good status.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE281BM Nominal temperature exceeded**

**Explanation**

A controller detected that a temperature sensor has transitioned to a warning status.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281CM Maximum temperature exceeded**

**Explanation**

A controller detected that a temperature sensor has transitioned to a failed status.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281DM Temperature sensor removed**

**Explanation**

A controller detected that a temperature sensor is missing, which means an SES in an enclosure is missing. Check the enclosure to ensure that both SES components are installed. A different event is A temp sensor is present but failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281EM IOM (ESM) firmware mismatch**

**Explanation**

A controller detected that two IOMs (ESMs) are not running the same firmware version.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE281FI IOM (ESM) firmware mismatch resolved**

**Explanation**

A controller detected that the firmware mismatch was cleared.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Information only; no action is required.

- **FQXDE2823M Drive by-passed**

**Explanation**

A drive is bypassed on both ports.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2824I Drive by-passed condition resolved**

**Explanation**

A drive is available on at least one port.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**

Information only; no action is required.

- **FQXDE2829M Controller redundancy lost**

**Explanation**

An array determined that one controller is in a failed mode.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE282AI Controller redundancy restored**

**Explanation**

An array determined that the controller was restored to optimal.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE282BM Drive tray path redundancy lost**

**Explanation**

A drive tray path failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE282CI Drive tray path redundancy restored**

**Explanation**

A drive tray path was restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE282DM Drive path redundancy lost**

**Explanation**

An array determined that a loss of drive path redundancy is a persistent condition.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE282EI Drive path redundancy restored**

**Explanation**

An array determined that the loss of redundancy condition is no longer present.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE282FM Incompatible version of IOM (ESM) firmware detected**

**Explanation**

A firmware download to an IOM (ESM) failed because the IOM (ESM) firmware is not compatible with the version of controller firmware on the storage array.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2830M Mixed drive types out of compliance**

**Explanation**

Either mixed drive types are not supported, or firmware determined that a mixture of PHYSICAL drive types is present, Mixed Drive Types is configured as a premium feature, and MDT is not enabled.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2831M Uncertified IOM (ESM) detected**

**Explanation**

An uncertified IOM (ESM) was discovered in a drive enclosure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2832M Uncertified drive tray detected**

**Explanation**

Both ESMs in the tray are uncertified, or there is only one ESM in the tray, and it is uncertified.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2833M Controller host interface card ID mismatch**

**Explanation**

Either the base controller or the host interface card is different between the primary and the alternate controller in a storage array.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2834I Controller host interface card ID mismatch resolved**

**Explanation**

A mismatch condition was cleared.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2835M Drive trays not cabled correctly**

**Explanation**

A storage array configuration requires drive trays to be sequentially cabled together, but they are not.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2836M Discrete lines diagnostic failure**

**Explanation**

A discrete line test failed, due to either a fault Controller or a faulty Interconnect Module.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2837I Discrete lines diagnostic failure resolved**

**Explanation**

A faulty component (controller or Interconnect Module) was replaced, and the discrete line test was successfully re-run.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2838M Interconnect/battery canister removed**

**Explanation**

An interconnect or battery canister was removed from the controller enclosure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2839I Interconnect/battery canister reinserted**

**Explanation**

An interconnect or battery canister was reinserted into the controller enclosure.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE283BM Power supply failed**

**Explanation**

A power supply failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2840I Controller submodel not set or not supported**

**Explanation**

A controller submodel identifier is not set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2841M Controller submodel mismatch**

**Explanation**

An alternate controller performed a self-lockdown due to an unsupported or mismatched sub-model identifier.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2842I Controller submodel mismatch resolved**

**Explanation**

A controller submodel mismatch was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2847I GBIC/SFP Installed**

**Explanation**

An SFP was installed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2848I GBIC/SFP removed**

**Explanation**

A SFP was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2849M IOM (ESM) Hardware mismatch**

**Explanation**

A controller detected an IOM (ESM) hardware mismatch in an enclosure in the storage array.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE284AI IOM (ESM) Hardware mismatch resolved**

**Explanation**

A controller detected that an IOM (ESM) hardware mismatch condition was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE284BL Link Speed (data rate) switch position has changed**

**Explanation**

A controller detected that an ESM hardware mismatch condition was cleared.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE284DI Drive tray expansion limit out of range**

**Explanation**

The value of the SHIPPED LIMIT attribute is greater than what can be supported by the product. The number of expansion trays is limited to the number that can be supported by the controller, as determined by the SubModel identifier.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE284EM Redundant power-fan canisters required - only one power-fan canister detected**

**Explanation**

A controller discovered a fan-only CRU in an enclosure that requires, for redundancy reasons, the power supply/fan combination CRU. This event is logged only once when the condition occurs.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE284FM Misconfigured tray**

**Explanation**

Needed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2850I Drive trays cabled correctly**

**Explanation**

A RAID controller detected that an ESM cabling error (0x2835) was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2851I Enclosure EEPROM read failure**

**Explanation**

There is a problem reading the EEPROM VPD data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2852M IOM (ESM) configuration settings version mismatch**

**Explanation**

Two IOMs (ESMs) in an enclosure report different factory default VPD data, and the automated correction of this condition was unsuccessful.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2853I IOM (ESM) configuration settings version mismatch cleared**

**Explanation**

The factory defaults mismatch condition is cleared, either by both IOMs (ESMs) reporting the same factory default version information, or when one of the mismatched IOM (ESM) pair is removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2854M Drive port bypassed - Error thresholds exceeded**

**Explanation**

A Fibre Channel drive port was bypassed by an ESM because the error thresholds were exceeded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2855M Controller cannot read alternate controller board ID**

**Explanation**

An alternate controller board ID cannot be read.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2856M Drawer failed**

**Explanation**

A drawer failed and is inoperable. The drives in this drawer are not accessible.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2857M Drawer open or removed**

**Explanation**

A drawer was opened or removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2858I Drawer closed**

**Explanation**

A drawer status changes from open/removed to closed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2859I Host-side SFP installed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE285AI Host-side SFP removed**

**Explanation**

The host-side SFP was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE285BI Drive-side SFP installed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE285CI Drive-side SFP removed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Information only; no action is required.

- **FQXDE285DM Expansion tray thermal shutdown**

**Explanation**

An expansion tray was shutdown for thermal reasons.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE285FM A drawer in the tray has become degraded**

**Explanation**

Either DCM on the drawer failed, or the drawer is marked as degraded. The drawer must be serviced, but one DCM is still operational, allowing continued IO to the drives on the drawer. If both DCMs fail, the drawer is marked as failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2860I The drawer's status is optimal**

**Explanation**

The drawer is optimal because no failure conditions for the drawer are known.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2861M A drawer was detected that is not valid**

**Explanation**

An invalid drawer was detected inside the drive enclosure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2862M A drawer was removed**

**Explanation**

A drawer was removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2863M Host-side SFP failed**

**Explanation**

The host-side SFP failed, possibly due to the wrong type for the protocol in use.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2864M Host-side SFP unsupported**

**Explanation**

The wrong type of host-side SFP was installed for the protocol in use

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE2865I Host-side SFP optimal**

**Explanation**

The host-side SFP is optimal.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE2866F An IOM (ESM) has reported an exception event**

**Explanation**

IOM (ESM) exception event occurred (for example, assert, crash, or unexpected reboot).

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2900L Entering invalid system configuration**

**Explanation**

The system entered an invalid configuration state as well as every 24 hours if the system remains in that state. When the system is in an invalid configuration state, no configuration changes are allowed -- no new volumes can be created, no new snapshots, no changes of any kind. IO can still be performed to existing user data. Use the recovery guru to correct the invalid configuration state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE2901I Leaving invalid system configuration**

**Explanation**

The system recovered from an invalid system configuration state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3000I Format unit issued**

**Explanation**

A controller processed a format command. The LUN value indicates the LUN that the controller is formatting.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3002I Reassign blocks issued from host**

**Explanation**

A reassign blocks command was issued from the host.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3006I Safe pass-through issued**

**Explanation**

Log entries are made by the set pass through and save pass through command handlers respectively before the pass through command is sent to the drive. The following passed through commands are not logged: Test Unit Ready, Read Capacity, Inquiry, Mod.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3007I Mode select for page 1 received**

**Explanation**

A Mode Select for Page 0x01 was received, and the Post Error bit value was changed from the value stored in NVSRAM.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3009I Mode for caching page 8 received**

**Explanation**

A Mode Select Page 0x08 (Caching page) was received.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE300AI Mode select for control mode page A received**

**Explanation**

A Mode Select Page 0x0A (Control mode page) was received.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE300DI Mode select for redundant controller page 2C received**

**Explanation**

A Mode Select Page 0x2C (Redundant controller page) is received.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3012I Write buffer received**

**Explanation**

A Write Buffer was received to the buffer ids listed in the optional data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3014I Drive firmware download started**

**Explanation**

A drive firmware download started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE301AI Drive firmware download failed**

**Explanation**

A drive firmware download failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE301BI Drive firmware and/or interposer firmware download is completed**

**Explanation**

A drive firmware and/or interposer firmware download completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE301CI IOM (ESM) firmware download started**

**Explanation**

An IOM (ESM) firmware download started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE301DI IOM (ESM) firmware download failed**

**Explanation**

An IOM (ESM) firmware download failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE301EI IOM (ESM) firmware download completed**

**Explanation**

An IOM (ESM) firmware download successfully completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE301FI Unable to register a volume due to insufficient resources**

**Explanation**

A volume is unable to be registered due to insufficient resources. This indicates that the controller is low on available memory, and that the persistent reservation could not be honored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3020I Update of power supply firmware was blocked**

**Explanation**

An attempt to update the firmware in a power supply was blocked because the power supply is either not optimal or not redundant.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3021I Update of power supply firmware failed**

**Explanation**

An attempt to update the firmware in a power supply failed due to either a problem with the power supply, a problem with the firmware image, or a problem communicating with the power supply.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3022I Update of power supply firmware started**

**Explanation**

An update of the power supply firmware started for one or more power supplies.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3023I Update of power supply firmware completed**

**Explanation**

An update of the power supply firmware completed for one or more power supplies.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3024I All drive downloads complete**

**Explanation**



Logged when the overall drive update process completed. Individual drive completion status is reported in individual MEL events. The drive specific status might be successful, failed, or not attempted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3025I A Set Target Port Groups (STPG) command was received for this volume and caused the volume to be transferred**

**Explanation**

An STPG command is received.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3101I Asynchronous event notification (AEN) was posted for recently logged event**

**Explanation**

A controller posts an AEN.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3300I Autocode synchronization drive image write started**

**Explanation**

The writing of the controller firmware image to the drive started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3301I Autocode synchronization drive image write completed**

**Explanation**

The writing of the controller image to the drive completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3302I Autocode synchronization drive image invalidated**

**Explanation**

The controller firmware image on the drive was invalidated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3303I Autocode synchronization drive image write failure**

**Explanation**

The writing of the firmware image to the drive failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3304I Autocode synchronization drive image invalidate failure**

**Explanation**

An attempt to invalidate the image on the drive failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3305I Drive image write retry exhausted**

**Explanation**

The number of retries to write the image was exhausted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3306I Insufficient storage for autocode synchronization image**

**Explanation**

There is no drive available to store the ACS image.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3307F Insufficient storage or drive count for autocode synchronization image**

**Explanation**

There are not enough drives available to store the ACS image. An attempt was made to store part of the firmware as a drive image, but there weren't enough drives available to complete the operation.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE3402I Raw data retrieve canceled by user**

**Explanation**

The raw data retrieval was canceled by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3403I Raw data retrieve canceled by controller**

**Explanation**

The retrieval of raw data was canceled by the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3404I Raw data restore start**

**Explanation**

The restoration of raw data to the controller started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3405I Raw data restore completed**

**Explanation**

The restoration of raw data to the controller completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3406I Raw data restore canceled by user**

**Explanation**

The restoration of raw data to the controller was canceled by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3407I Raw data restore canceled by controller**

**Explanation**

The restoration of raw data to the controller was canceled by the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3408I Raw data retrieve structure inconsistency detected**

**Explanation**

A raw data retrieve consistency check detected an inconsistency in the database. In this case, a previously retrieved database was restored to the controller. However, during the verification of the restored database, an inconsistency was detected. For example, the metadata record, the top level directory record, or the second level directory record may not be valid. The imported database is unusable. A different database should be imported or the system should be completely reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3500I A schedule was created**

**Explanation**

A schedule object was created and was associated with an operation (such as a snapshot) to be initiated at a certain time.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3501I A previously defined schedule was modified**

**Explanation**

A command was received from a host application to modify a previously defined schedule object.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3502I A previously defined schedule was deleted**

**Explanation**

A command was received from a host application to deleted a previously defined schedule object.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3503I A previously defined schedule was enabled**

**Explanation**

A command was received from a host application to enable a previously defined schedule object.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3504I A previously defined schedule was disabled**

**Explanation**

A command was received from a host application to disable a previously defined schedule object.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3505I The start of a scheduled operation was missed**

**Explanation**

The initiation of an operation associated with a schedule object was missed. This is likely due to the controller being offline when the scheduled time for the operation passed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3506I An operation associated with a schedule completed**

**Explanation**

An operation associated with a schedule object completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3508I The scheduled time for an operation was reached and the associated action initiated**

**Explanation**

An action associated with a schedule object was initiated due to the scheduled time being reached.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3600I SSD cache created on the storage array**

**Explanation**

An SSD cache was created on the storage array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3601I SSD cache deleted on the storage array**

**Explanation**

An SSD cache was deleted on the storage array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3602I SSD cache suspended**

**Explanation**

An SSD cache was suspended by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3603I SSD cache resumed**

**Explanation**

An SSD cache was resumed by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3604M SSD cache failed due to cache size mismatch on the two controllers**

**Explanation**

An SSD cache failed due to cache size mismatch on the two controllers.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3605M SSD cache has associated non-optimal drives**

**Explanation**



An SSD cache has associated non-optimal drives.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3607I SSD cache enabled on a volume**

**Explanation**

An SSD cache is enabled on a volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3608I SSD cache disabled on a volume**

**Explanation**

An SSD cache is disabled on a volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3609I Drives added to an SSD cache**

**Explanation**

Drives were added to an SSD cache.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE360AI Drives removed from an SSD cache**

**Explanation**

Drives were removed from an SSD cache.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE360BI SSD cache performance modeling started**

**Explanation**

An SSD cache performance modeling started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE360CI SSD cache performance modeling stopped**

**Explanation**

An SSD cache performance modeling stopped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE360DI SSD cache performance modeling results reset**

**Explanation**

SSD cache performance modeling results were reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE360EI SSD cache transitioned to optimal**

**Explanation**

An SSD cache transitioned to optimal state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE360FI SSD cache performance modeling internal structures created on the storage array**

**Explanation**

An SSD cache performance modeling internal structures was created on the storage array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3610I SSD cache performance modeling internal structures deleted on the storage array**

**Explanation**

An SSD cache performance modeling internal structures was deleted on the storage array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3611I SSD cache performed modeling enabled on a volume**

**Explanation**

An SSD cache performed modeling is enabled on a volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3612I SSD cache performed modeling disabled on a volume**

**Explanation**

An SSD cache performed modeling is disabled on a volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3613I SSD cache renamed**

**Explanation**

An SSD cache was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3700I Core dump was captured**

**Explanation**

A core dump was captured.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3701I Core dump was not captured**

**Explanation**

A core dump was not captured.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3702I Core dump capture failed**

**Explanation**

A core dump was attempted but failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3703I Core dump retrieval started**

**Explanation**

A core dump retrieval started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3704I Core dump retrieval completed**

**Explanation**

A core dump retrieval completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3705I Core dump retrieval was cancelled**

**Explanation**

A core dump retrieval was cancelled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3706I Core dump retrieval has timed out**

**Explanation**

A core dump retrieval timed out.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3707I Core dump has not been retrieved and overwritten**

**Explanation**

A core dump was created but was not retrieved before it was overwritten.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3708I Core dump restore completed**

**Explanation**

A core dump restoration completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3803M Disk pool reconstruction reserved drive count is below threshold**

**Explanation**

An available space that is reserved for reconstructions within a disk pool fell below the reconstruction reserved disk count value. This occurs when failed drives were rebuilt and used reserved space.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3804M Disk pool utilization exceeded the warning threshold**

**Explanation**

A pool utilization exceeded the pool utilization warning threshold.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3805M Disk pool utilization exceeded the critical threshold**

**Explanation**

A disk pool usage exceeded the pool usage critical threshold.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE3807I Disk pool drive reconstruction started**

**Explanation**

A reconstruction started on a drive that is assigned to a disk pool.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3808I Disk pool drive reconstruction completed**

**Explanation**

A reconstruction completed on a drive that is assigned to a disk pool.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3809M All of the disk pool's free capacity was used**

**Explanation**

A disk pool ran out of capacity. This is typically seen when reconstruction operations consume all of the capacity while trying to recover from drive failures.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE380AI Disk pool reconfiguration started**

**Explanation**

A disk pool reconfiguration started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE380BI Disk pool reconfiguration completed**

**Explanation**

A disk pool reconfiguration completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE380CM Disk pool configuration has insufficient memory**

**Explanation**

A disk pool configuration has insufficient memory.

**Severity**

Critical



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE380DL Disk pool has corrupted database record**

**Explanation**

A disk pool corrupts database record.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE380EI A disk pool capacity reduction operation started**

**Explanation**

A disk pool capacity reduction operation started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE380FI A reconstruction of a critically degraded disk pool volume started**

**Explanation**

Reconstruction of critical degraded CStripes started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE3810I A reconstruction of a critically degraded disk pool volume completed**

**Explanation**

Reconstruction of critical degraded CStripes completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4004I Alternate controller quiescence message received**

**Explanation**

A quiescence manager message was received from the alternate controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4005I Controller quiescence started**

**Explanation**

A controller level quiescence started on the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4006I Alternate controller quiescence started**

**Explanation**

A controller level quiescence started on the alternate controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4007I Subsystem quiescence started**

**Explanation**

A subsystem level quiescence started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4008I Controller quiescence halted**

**Explanation**

A controller level quiescence was aborted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4009I Controller quiescence released**

**Explanation**

A controller level quiescence was released.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE400AI Alternate controller quiescence released**

**Explanation**

A controller level quiescence on alternate was released.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE400BI All channel reset detected**

**Explanation**

A controller detected that the alternate controller was removed or replaced.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE400CI Controller placed offline**

**Explanation**

A controller successfully transitioned the alternate controller to the reset/hold state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE400DI Controller placed online**

**Explanation**

A controller successfully released the alternate controller from the reset/failed state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE400EI Automatic volume transfer started**

**Explanation**

An Auto Volume Transfer is initiated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE400FI Controller reset by its alternate**

**Explanation**

An alternate controller was reset. The controller number in the event reflects the controller that was held in reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4010I Controller reset**

**Explanation**

The controller is going to reset itself through the controller firmware. This event is not logged when the controller is reset because of hardware errors (such as watchdog timeout conditions). The controller number reflects the controller number of the board that was reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE4011M Volume not on preferred path due to AVT/RDAC failover**

**Explanation**

A "\"volume not on preferred path\" condition persisted longer than the alert delay period. Some OEM customers classify this as an informational event, others as a critical event.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE4012I Volume not on preferred path due to AVT/RDAC failover**

**Explanation**

A "\"volume not on preferred path\" condition persisted longer than the alert delay period. Some OEM customers classify this as an informational event, others as a critical event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5000I Assign component ownership**

**Explanation**

Logged on entry to assignVolumeGroupOwnership\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5001I Assign hot spare drive**

**Explanation**

Logged on entry to assignDriveAsHotSpares\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5002I Create volume**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5003I De-assign hot spare drive**

**Explanation**

Logged on entry to deassignDriveAsHotSpares\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5004I Delete volume**

**Explanation**

Logged on entry to deleteVolume\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5005M Place controller offline**

**Explanation**

Logged on entry to setControllerToFailed\_1.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5006I Fail drive**

**Explanation**

Logged on entry to setDriveToFailed\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5007I Initialize volume group, disk pool, or volume**

**Explanation**

Logged on entry to startVolumeFormat\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5008I Initialize drive**

**Explanation**

Logged on entry to initializeDrive\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5009I Controller firmware download started**

**Explanation**

A controller firmware download started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE500BI Controller NVSRAM download started**

**Explanation**

A controller NVSRAM download started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE500EI Reconstruct drive/volume**

**Explanation**

Logged on entry to startDriveReconstruction\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE500FI Start component defragment**



**Explanation**

Logged on entry to startVolumeGroupDefrag\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5010I Add free capacity to component**

**Explanation**

Logged on entry to startVolumeGroupExpansion\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5011I Change RAID level of component**

**Explanation**

Logged on entry to startVolumeRAIDMigration\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5012I Change segment size of volume**

**Explanation**

Logged on entry to startVolumeSegmentSizing\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5014I Change controller to active mode**

**Explanation**

Currently not logged. Formerly logged on entry to setControllerToActive\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5015I Update cache parameters of storage array**

**Explanation**

Logged on entry to setSACacheParams\_1. Instructs the SYMBol Servers controller to propagate a controller cache change to all controllers in the storage array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5016I Change name of storage array**

**Explanation**

Logged on entry to setSAUserLabel\_1. Instructs the controller to change the shared storage array name.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5017I Synchronize controller clock**

**Explanation**

Logged on entry to setControllerTime\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5018I Change cache parameters of volume**

**Explanation**

Logged on entry to setVolumeCacheParams\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE501AI Change name of volume**

**Explanation**

Logged on entry to setVolumeUserLable\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE501BI Place controller online**

**Explanation**

Logged on entry to setControllerToOptimal\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE501CI Revive drive**

**Explanation**

Logged on entry to setDriveToOptimal\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE501DI Revive volume**

**Explanation**

Logged on entry to forceVolumeToOptimal\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE501EI Change positions of trays in PHYSical view**

**Explanation**

Logged on entry to setSATrayPositions\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE501FI Change media scan (scrub) settings of volume**

**Explanation**

Logged on entry to setVolumeMediaScanParameters\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5020I Change media scan (scrub) settings of storage array**

**Explanation**

Logged on entry to setSAMediaScanRate\_1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5021I Reset configuration of storage array**

**Explanation**

Logged on entry to clearSAConfiguration\_1. Clears the entire array configuration, deleting all volumes and returning to a clean initial state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5023I Controller return status/function call for requested operation**

**Explanation**

Logged on the return from RPC function returning ReturnCode.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5024I Internal download checkpoint**

**Explanation**

A download checkpoint was updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5025I Controller firmware download failed**

**Explanation**

A controller firmware download failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5026I Controller firmware download completed**

**Explanation**

A controller firmware download successfully completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5027I Controller NVSRAM download failed**

**Explanation**

A controller NVSRAM download failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5028I Controller NVSRAM download completed**

**Explanation**

A controller NVSRAM download successfully completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5029I Reset controller battery parameters**

**Explanation**

A battery parameters were updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE502AI Assign volume ownership**

**Explanation**

A volume ownership was modified.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE502BI Increase volume capacity**

**Explanation**

A volume capacity was increased.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5030I Activate mirroring**

**Explanation**

A Remote Volume Mirroring feature was activated on the local array. Activation causes the controller host-ports to be configured for mirroring.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5031I Deactivate mirroring**

**Explanation**

A Remote Volume Mirroring feature was deactivated on the local array. Deactivation restores normal host-port functionality.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5032I Change synchronization priority**

**Explanation**

A synchronization priority of a mirrored volume was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5033I Start mirror synchronization**

**Explanation**

A mirror relationship was created. The event is only propagated on the primary mirror storage array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5037I Incorrect password attempted**

**Explanation**

An authentication failure occurred, but the lockout state is not yet entered.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5038L Storage array 10-minute lockout; maximum incorrect passwords attempted**

**Explanation**

A lockout state was entered.

**Severity**

Critical

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

- **FQXDE5039I Change parameters of volume copy pair**

**Explanation**

The parameters were changed on a volume copy pair.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE503AI Start volume copy operation**

**Explanation**

Processing a user request (via SYMbol) to start a copy. This does not necessarily match the actual start of data movement because the copy might be queued.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE503BI Stop volume copy operation**

**Explanation**

Processing a user request (via SYMbol) to stop a copy.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE503CI Change mirrored pair write mode**

**Explanation**

A mirror pair write mode was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE503DI Suspend mirror relationship**

**Explanation**

A mirror pair was suspended.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE503EI Resume mirror relationship**

**Explanation**

A mirror pair was resumed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE503FI Resynchronization set for automatic**

**Explanation**

A resynchronization was set for automatic.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5040M Place controller in service mode**

**Explanation**

A controller was placed in service mode.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5041I Recover volume**

**Explanation**

A volume was recovered.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5042I Mirror relationships for write consistency group suspended**

**Explanation**

A write consistency group was suspended.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5043I Mirror relationships for write consistency group resumed**

**Explanation**

A write consistency group was resumed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5044I Configuration change from single to dual or dual to single controller mode**

**Explanation**

The single controller mode was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5045I Activate controller firmware started**

**Explanation**

The controller firmware activation process started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5046I Activate controller firmware completed**

**Explanation**

A controller firmware activation process completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5047I Activate controller firmware failed**

**Explanation**

A controller firmware activation process failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5048I Clear controller firmware started**

**Explanation**

A command to invalidate controller firmware in the staging area started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5049I Clear controller firmware complete**

**Explanation**

A command to invalidate controller firmware in the staging area completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE504AI Suspend mirror list completed**

**Explanation**

A user suspended a list of mirrored volume pairs.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE504BI Resume mirror list completed**

**Explanation**

A user resumed a list of suspended mirrored volume pairs.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE504CI Enable alarm**

**Explanation**

An audible alarm was enabled using SYMbol.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE504DI Disable alarm**

**Explanation**

An audible alarm was disabled using SYMbol.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE504EI Power down storage array**

**Explanation**

A controller firmware received a power down request from SYMbol.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE504FI This command is no longer valid**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5050I Clear controller firmware failed**

**Explanation**

A command to invalidate controller firmware in the staging area failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5051I Feature pack key file successfully applied**

**Explanation**

A RAID controller detected that a feature pack key file was successfully applied.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5052I Feature pack key file successfully removed**

**Explanation**

A RAID controller detected that a feature pack key file was successfully removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5053I Drive was replaced**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5054I Create volumes with free capacity (extents)**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5055I Get volume free capacities (extents)**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5056I Create component**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5057I Delete component**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5058I Set component user label**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5059I Force component**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE505AI Export component**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE505BI Import component**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE505CI Tray ID changed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE505DI Importing the component was canceled**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE505EI Importing the component failed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE505FI Exporting the component failed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5060I Volume properties set**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5061I Drive has become native to this array**

**Explanation**

A storage array received a request to adopt a foreign drive. As the drive was processed, a MEL\_EV\_DRIVE\_ADOPTED event was also logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5062I Drives have become native to this array**

**Explanation**

A storage array received a request to adopt multiple foreign drives. As each drive was processed and adopted, a MEL\_EV\_DRIVE\_ADOPTED event was also logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5063I Reset storage array configuration**

**Explanation**

A controller's storage array configuration was reset. Note that this does not reset everything on the array, nor does it clear the database entirely.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5064I Volume configuration was reset**

**Explanation**

The configuration information for all volumes and volume groups were reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5065I Security (FDE) storage array key created**

**Explanation**

A FDE lock key was created for the array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5066I Security (FDE) storage array key updated**

**Explanation**

A FDE array lock key was updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5067I Security (FDE) storage array key exported**

**Explanation**

A FDE array lock key was exported.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5068I Security (FDE) storage array key set**

**Explanation**

The Lock Key was set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5069I Security (FDE) storage array key set complete**

**Explanation**

Setting the lock key completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE506AI External key management enabled**

**Explanation**

External FDE key management is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE506BI External key management disabled**

**Explanation**

External FDE key management is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE506CI New external key installed**

**Explanation**

A new external FDE key was installed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE506DM Security (FDE) key failed validation attempts due to excessive tries**

**Explanation**

The number of attempts to validate the lock key exceeded the threshold.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE506EI Created security (FDE) storage array key cleared**

**Explanation**

The array lock key was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE506FI The installed security (FDE) key is not valid**

**Explanation**

Installation of a lock key failed either due to a corrupt key that cannot be unwrapped or a lock key that does not successfully unlock drives even though its lock key ID matches that of the drives. When this event is logged, MEL\_EV\_FDE\_LOCK\_KEY\_NEEDED is also logged (MEL\_EV\_INVALID\_INSTALLED\_LOCK\_KEY provides additional information). Clear the MEL\_EV\_FDE\_LOCK\_KEY\_NEEDED and this event by following the instructions provided by the Recovery Guru.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5070I Autosupport enabled**

**Explanation**

Autosupport is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5071I Autosupport disabled**

**Explanation**

Autosupport is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5072I Enable OnDemand**

**Explanation**

ASUP OnDemand is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5073I Disable OnDemand**

**Explanation**

ASUP OnDemand is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5074I OnDemand Remote Diagnostics Enabled**

**Explanation**

OnDemand remote diagnostics is enabled in product capabilities manager

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5075I OnDemand Remote Diagnostics Disabled**

**Explanation**

OnDemand remote diagnostics is disabled in product capabilities manager

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5076I External SYMbolAPI access was disabled**

**Explanation**

SYMbolAPI access was disabled by the administrator.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5077I External SYMbolAPI access was enabled**

**Explanation**

SYMbolAPI access was enabled by the administrator.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE507AI AutoSupport maintenance mode enabled**



**Explanation**

AutoSupport maintenance mode is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE507BI AutoSupport maintenance mode disabled**

**Explanation**

AutoSupport maintenance mode is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE507CI One of the images contained in the controller firmware package failed to authenticate using the provided public key and signature**

**Explanation**

Controller firmware signature validation failed during a download.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE507DI The Controller NVSRAM package failed to authenticate using the provided public key and signature**

**Explanation**

NVSRAM signature validation failed during a download.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE507EF AutoSupport maintenance mode configuration request failed**

**Explanation**

AutoSupport maintenance mode configuration request failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5100M Base controller diagnostic failed**

**Explanation**

One or more diagnostic tests detected that one or more component within the base controller is not functioning as desired.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5101M Base controller diagnostic on alternate controller failed**

**Explanation**

One or more diagnostic tests detected that one or more component on the alternate controller is not functioning as desired. As a result, the alternate controller is locked down.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5102M IOC fault diagnostic failure was detected**

**Explanation**

An IOC diagnostic test detected a failure. As a result, the controller is locked down.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5103L SAS PHY disabled bypassed port**

**Explanation**

One of the PHYs on a wide port is disabled. The wide ports are used only between the IOC and either the local or the partner controller's expander. The bad hardware would be one of the controllers or the mid-plane.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5104L SAS PHY disabled bypassed drive**

**Explanation**

A PHY that is connected to a drive is disabled. The error could be in the expander or drive. This event is generated only when the controller disables a PHY not the ESM. The easiest replacement option is the drive, so it should be called out as the first choice for replacement.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5105M SAS PHY disabled local wide port**

**Explanation**

A bad SAS PHY disabled the local wide port.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5106M SAS PHY disabled shared wide port**

**Explanation**

A bad SAS PHY disabled a shared wide port.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5107I A SAS PHY was enabled**

**Explanation**

A SAS PHY was enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5108F Controller failover due to lost expansion tray access**

**Explanation**

A controller failover occurred due to lost expansion tray access.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5200I Create host group**

**Explanation**

Logged on entry to spmCreateCluster.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5201I Delete host group**

**Explanation**

Logged on entry to spmDeleteCluster.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5202I Rename host group**

**Explanation**

Logged on entry to spmRenameCluster.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5203I Create host**

**Explanation**

Logged on entry to spmCreateHost.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5204I Delete host**

**Explanation**

Logged on entry to spmDeleteHost.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5205I Rename host**

**Explanation**

Logged on entry to spmRenameHost.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5206I Move host**

**Explanation**

Logged on entry to spmMoveHost.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5207I Create host port**

**Explanation**

Logged on entry to spmCreateHostPort.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5208I Delete host port**

**Explanation**

Logged on entry to spmDeleteHostPort.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5209I Rename host port**

**Explanation**

Logged on entry to spmRenameHostPort.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE520AI Move host port**

**Explanation**  
Logged on entry to spmMoveHostPort.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE520BI Set host port type**

**Explanation**  
Logged on entry to spmSetHostPortType.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE520FI Create volume-to-LUN mapping**

**Explanation**  
Logged on entry to spmCreateLUNMapping.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE5210I Delete volume-to-LUN mapping**

**Explanation**  
Logged on entry to spmDeleteLUNMapping.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5211I Change volume-to-LUN mapping**

**Explanation**

Logged on entry to spmMoveLUNMapping.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5214I Topology and mappings deleted**

**Explanation**

A topology and mappings were deleted from the storage array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5216I iSCSI initiator was created**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5217I iSCSI initiator was deleted**

**Explanation**

Information is not available.



**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE5218I Host properties have been set**

**Explanation**  
Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE5219I Initiator properties have been set**

**Explanation**  
Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE521AI The initiator authentication type was changed**

**Explanation**  
Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE521BI The initiator's CHAP secret was changed**

**Explanation**  
Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE521CI The target authentication type was changed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE521DI The target's CHAP secret was changed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE521EI The target's iSCSI properties were set**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE521FI The target's iSCSI alias was set**

**Explanation**

Information is not available.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE5220I Create new host port**

**Explanation**  
A new host port was created using the SYMbol interface.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE5221I Set host port properties**

**Explanation**  
A host port properties were set using the SYMbol interface.

**Severity**  
Informational

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
Information only; no action is required.

- **FQXDE5222M Invalid host OS index detected**

**Explanation**  
A host index was detected that is considered to be invalid due to NVSRAM settings.

**Severity**  
Critical

**Serviceable with log**  
No

**Automatically Notify Support**  
No

**User Action**  
For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5223M Invalid default OS index detected**

**Explanation**

The default OS index is invalid.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5224M Inactive host port registered**

**Explanation**

A Host Context Agent (HCA) attempted to register a host port associated with a host that already has storage partition mappings. The host port was consequently marked inactive and can be activated through the storage management software or CLI.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5225M Inactive initiator registered**

**Explanation**

A Host Context Agent (HCA) attempted to register an iSCSI initiator associated with a host that already has storage partition mappings. The iSCSI initiator was consequently marked inactive and can be activated through the storage management software.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5226I Failed host port registration**

**Explanation**

A Host Context Agent (HCA) attempted a host registration which failed because the host port is already registered under a different host name.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5227I Inactive host port activated**

**Explanation**

An inactive host port was activated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5228I Failed initiator registration**

**Explanation**

A Host Context Agent (HCA) attempted a host registration which failed because the iSCSI initiator is already registered under a different host name.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5229I Inactive initiator activated**

**Explanation**

An inactive initiator port was activated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE522AI Host port records deleted**

**Explanation**

Existing host port records corresponding to a IO protocol were deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE522BI A remote target was created**

**Explanation**

A remote target was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE522CI A remote target was deleted**

**Explanation**

A remote target was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE522DI The properties for a remote target were set**

**Explanation**

The properties for a remote target were set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE522EI The authentication for a remote target was changed**

**Explanation**

The authentication for a remote target was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE522FI The secret for a remote target was changed**

**Explanation**

The secret for a remote target was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5230I The alias for the local initiator was set**

**Explanation**

The alias for the local initiator was set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5231I The properties for the local initiator were set**

**Explanation**

The properties for the local initiator were set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5232I The authentication was set for the local initiator**

**Explanation**

The authentication was set for the local initiator.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5233I The change secret for the local initiator was set**

**Explanation**

The change secret for the local initiator was set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5400I Premium feature enabled**

**Explanation**

A feature is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5401I Premium feature disabled**

**Explanation**

A feature is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5402M Premium feature out of compliance**

**Explanation**

Some features are enabled but were not purchased.

**Severity**

Critical



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5403M Premium feature exceeds limit**

**Explanation**

The limits of a premium feature were exceeded (for example, six storage partitions were mapped but only four were purchased).

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5404I Feature Enable Identifier changed**

**Explanation**

A new SAFE ID was successfully generated and stored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5405M Gold Key - mismatched settings**

**Explanation**

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not the controller is subject to Gold Key restrictions. When this condition was detected, both controllers are treated as though they are subject to the restrictions.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5406M Mixed drive types - mismatched settings**

**Explanation**

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not Mixed Drive Types is a premium feature. When this condition was detected, both controllers are treated as though MDT is a premium feature.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5407I Evaluation license is about to expire**

**Explanation**

The evaluation license is near its expiration date.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5408I Feature evaluation period was enabled**

**Explanation**

The evaluation period for a SAFE feature was enabled and the trial period started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5409M Feature evaluation period expiration is imminent**

**Explanation**

The trial period for a feature license is very near expiration.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE5600I Controller passed diagnostics**

**Explanation**

A controller successfully passed runtime diagnostics.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5601I This controller's alternate passed diagnostics**

**Explanation**

An alternate controller successfully passed diagnostics.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5603I Diagnostics rejected - already in progress**

**Explanation**

Runtime Diagnostics request was rejected because it is already in progress.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5604I Diagnostics rejected this controller's alternate is absent or failed**

**Explanation**

Runtime Diagnostics request was rejected because the alternate controller is either absent, failed, or in passive mode.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5605I Diagnostics rejected error occurred when sending the Icon message**

**Explanation**

Runtime Diagnostics request failed because an error occurred when sending the ICON message.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5607I Diagnostics returned unknown ReturnCode**

**Explanation**

A Runtime Diagnostics status is unknown because of unknown ReturnCode.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5608I Diagnostics rejected - test ID is incorrect**

**Explanation**

Runtime Diagnostics request rejected because test ID is invalid.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE560AI Diagnostics rejected access volume (UTM) is not enabled**

**Explanation**

Runtime Diagnostics request rejected because UTM is not enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE560DM Diagnostics read test failed on controller**

**Explanation**

Runtime Diagnostics Read test failed on this controller.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE560EM This controller's alternate failed diagnostics read test**

**Explanation**

Runtime Diagnostics Read test failed on the alternate controller.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE560FM Diagnostics write test failed on controller**

**Explanation**

Runtime Diagnostics Write test failed on this controller.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5610M This controller's alternate failed diagnostics write test**

**Explanation**

Runtime Diagnostics Write test failed on the alternate controller.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5611I Controller passed diagnostics, but loopback test identified an error on loops**

**Explanation**

A controller passed diagnostics, but the loopback test identified an error on one or more of the loops.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5612I This controller's alternate passed diagnostics, but loopback test identified an error on loops**

**Explanation**

An alternate controller passed diagnostics, but the loopback test identified an error on one or more of the loops.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5613I Diagnostics loopback test identified bad destination channels**

**Explanation**

A specified destination channels were identified as bad during the Runtime Diagnostics Loopback Data test.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5616M Diagnostics rejected configuration error on controller**

**Explanation**

A configuration error occurred on this controller for running diagnostics.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE5617M Diagnostics rejected - configuration error on this controller's alternate**

**Explanation**

A configuration error of the alternate controller occurred for running diagnostics.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE561AI Diagnostics rejected - data transfer on controller is not disabled (quiesced)**

**Explanation**

A Runtime Diagnostics request was rejected because controller is not quiesced.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE561BI Diagnostics rejected data transfer on this controllers alternate is not disabled (quiesced)**

**Explanation**

A Runtime Diagnostics request was rejected because the alternate controller is not quiesced.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE561CI Diagnostics rejected both controllers must be in active mode**

**Explanation**

A Runtime Diagnostics request rejected because both controllers must be in active mode.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE561DI Diagnostics initiated from this controller**

**Explanation**

A Runtime Diagnostics was initiated from this controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE561EI Running diagnostics on this controller**

**Explanation**

A Runtime Diagnostics was started on this controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE561FI Diagnostics rejected download is in progress**

**Explanation**

A Runtime Diagnostics request was rejected because download is in progress.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5620I Cable diagnostic started**

**Explanation**

A cable diagnostic was started.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5621I Cable diagnostic completed**

**Explanation**

A cable diagnostic completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5622I An exception condition was detected on the controller**

**Explanation**

The controller firmware detected an exception condition on the controller. The optional data contains more details about the specific condition.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5801I Management port link down**

**Explanation**

A management port transitions from 'up' to 'down.'

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5802I Management port link up**

**Explanation**

A management port transitions from 'down' to 'up.'

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE5900I WWN migrated from database is invalid**

**Explanation**

A WWN that was migrated to this controller from another database (for example, during a firmware upgrade) is invalid. A legacy record from the database contains an invalid storage array WWN. In this case, the WWN for the array is generated from scratch. No other events are necessarily related to this event and there's no need for intervention by the user. The host software will need to rediscover the array in order to get the updated WWN.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6000I Internal configuration database created**

**Explanation**

An internal configuration database was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6003I Internal configuration database not enough optimal drives available**

**Explanation**

There are not enough optimal drives available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6004I Internal configuration database is being resynchronized**

**Explanation**

An internal configuration database is being resynchronized.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6005I Internal configuration database read or write operation failed**

**Explanation**

An internal configuration database read or write operation failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6006I Internal configuration database merge failed**

**Explanation**

A stable storage database merge operation failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6007I Configuration database successfully adopted**

**Explanation**

A configuration database was successfully adopted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6008I Stable storage drive unusable**

**Explanation**

A drive is unusable because of I/O errors (does not occur when the drive is missing).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6009I Stable storage drive usable**

**Explanation**

A stable storage drive previously out of date with the other mirrored drives in stable storage (because it was failed or spun down) is now spun up and made current.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE600AI A SSTOR miscompare was detected**

**Explanation**

Each SSTOR read attempts to read from three drives; however, a read from one drive's SSTOR does not match another drive's SSTOR.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6100I Internal configuration database cleared**

**Explanation**

An internal configuration database was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6101L Internal configuration database full**

**Explanation**

An internal configuration database is full. This error has never been reported. If this were to occur, the system would operate normally but no configuration changes that created additional objects would be allowed. The customer should contact support if this event is logged. There is no recovery action for the customer.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE6102I Internal configuration database size increased**

**Explanation**

A drive mismatch on an internal configuration database occurred.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6103I This controller's alternate was reset**

**Explanation**

A controller's alternate was reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6104I This controller's alternate failed**

**Explanation**

A controller's alternate failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6105I Internal configuration database file system corrupted**

**Explanation**

A file system is corrupted on an internal configuration database. The firmware cannot read any configuration information but continues operating. The customer should attempt to restore their configuration and data from a backup copy.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6106I Internal configuration database incorrect file system version**

**Explanation**

An incorrect file system version was found in an internal configuration database. The firmware cannot read the database because of a version incompatibility. This can occur if drives and/or controllers have been swapped or if the firmware version has changed. Review configuration changes and potentially download a version of firmware that is compatible with the database.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6107M This controller's alternate is non-functional and is being held in reset**

**Explanation**

A controller's alternate is non-functional and is being held in reset.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6108I Configuration information stored in the array's database may have been lost**

**Explanation**

Data that was intended to be written to the database might have been lost before the database update completed. This event occurs during SOD when the database firmware is unable to completely restore some of the information regarding write or read operations that were in process prior to the reboot. The firmware will continue to operate normally but the customer should perform a consistency check over the data to ensure its integrity.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6109M The controller is booting up in database recovery mode**

**Explanation**

The controller is booting up in database recovery mode, with no configuration. The backup database images are locked in read-only mode. The storage administrator is expected to recreate the configuration, using the database backup images.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE610AI The storage array is no longer in database recovery mode**

**Explanation**

The storage administrator finished regenerating the array configuration, and the array is no longer in database recovery mode.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE610BM The subrecord validation failed and could not be fixed**

**Explanation**

A subrecord validation by a client failed, and could not fix the subrecord themselves.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE610CI A subrecord validation has taken place, and been fixed**

**Explanation**

A subrecord validation occurred, and a client found an error but was able to fix it themselves.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE610DI Internal configuration database subrecord CRC mismatch**

**Explanation**

Either the metadata, subrecord directory, or subrecord data CRC did not match the computed value.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6300I Mirror repository volume created**

**Explanation**

A mirror repository volume was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6301I Mirror repository volume deleted**

**Explanation**

A mirror repository volume was deleted.

**Severity**

Informational

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6400M Dual primary volume conflict**

**Explanation**

There is a conflict over the primary volume. Because both sides of the mirrored pair are in the same Primary role, both storage arrays report this MEL event.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6401M Dual secondary volume conflict**

**Explanation**

There is a conflict over the secondary volume. Because both sides of the mirrored pair are in the same Secondary role, both storage arrays report this MEL event.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6402M Data on mirrored pair unsynchronized**

**Explanation**

A mirror state transitioned to the unsynchronized state from either the synchronizing or optimal state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6403I Data on mirrored pair synchronizing**

**Explanation**

A mirrored pair started the synchronization process.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6404I Data on mirrored pair synchronized**

**Explanation**

A mirrored pair completed the background synchronization process and the mirrored pair transitions to the optimal state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6405I Associated volume in mirrored pair not present**

**Explanation**

A failed or interrupted mirror creation or deletion request resulted in an orphaned mirror. In this case, one array has the mirror configuration information, but the remote array does not have the information.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6406I Mirrored pair created**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6407I Mirrored pair deleted**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6408I Mirrored pair role changed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6409I Mirror relationship suspended**

**Explanation**

A mirror relationship is suspended.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE640AI Data on mirrored pair unsynchronized**

**Explanation**

A data on mirrored pair is unsynchronized due to a volume failures.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE640BI Attempt to suspend mirrored pair failed**

**Explanation**

A Mirror relationship was suspended.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE640CI Mirror write mode set to synchronous**

**Explanation**

A mirror write mode was set to synchronous.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE640DI Mirror write mode set to asynchronous**

**Explanation**

A mirror write mode was set to asynchronous.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE640EI Mirror write mode set to asynchronous, write-consistent**

**Explanation**

A mirror write mode was set to asynchronous, write-consistent.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE640FI Mirror relationship degraded**

**Explanation**

A controller temporarily transitioned a Remote Volume mirror from an Optimal state to a Degraded, Unsynchronized state because the In-Flight log is above the fullness threshold. The controller does this to maintain high application performance.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6410I An asynchronous mode for legacy RVM Mirrors is not supported; therefore all legacy RVM mirrors have been deleted**

**Explanation**

An asynchronous mode for legacy RVM Mirrors is not supported.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6411M Mirror relationship has inconsistent write mode**

**Explanation**

The mirror relationship has inconsistent write mode.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6500I Remote volume created**

**Explanation**

A Remote Volume was created in conjunction with a remote mirror creation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6501I Remote volume deleted**

**Explanation**

A Remote Volume was deleted in conjunction with a remote mirror deletion.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6502I Communication to remote volume up**

**Explanation**

A link is back up.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6503M Communication to remote volume down**

**Explanation**

A link is down.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6504I Remote storage array's world-wide name changed**

**Explanation**

An array received notification of its remote array's WWN change. This event was replaced with 0x6506.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6505M Failed to communicate storage array's world-wide name**

**Explanation**

An array detected during start-up processing that its WWN changed. When the firmware detects this name change, it attempts to notify any remote array that had previously been participating in a mirroring relationship. This event was replaced with 0x6507.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6600M Volume copy operation failed**

**Explanation**

A volume copy operation failed due to one of the following reasons: Read error on source volume, Write error on target volume, Configuration change resulting in a feature compatibility violation (for example, Role Change of a Remote Mirror).

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6601I Volume copy pair established**

**Explanation**

A volume copy was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6602I Volume copy pair removed**

**Explanation**

A volume copy was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6603I Volume copy operation in progress**

**Explanation**

The copy operation transitioned to in progress, which might or might not be at the time the user requests the copy to start. For example, a copy operation that first transitioned to the pending state (is queued due to lack of system resources at the time the copy start-request is processed) generates Event 0x6604, followed later by Event 0x6603 when resources become available for the data movement to actually start.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6604I Volume copy operation pending**

**Explanation**

A volume copy operation is queued.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6605I Volume copy operation stopped**

**Explanation**

Logged upon transitioned to the halted state and only occurs as the result of a user request and should follow Event 0x503B.

**Severity**

Informational

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6606I Volume copy operation completed**

**Explanation**

Logged as a result of a completed copy operation when the entire extent of the source volume was copied to the target volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6700M Unreadable sectors detected data loss occurred**

**Explanation**

An unreadable sector was detected and data loss occurred.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6701I Unreadable sector repaired**

**Explanation**

An unreadable sector was repaired.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6702I All unreadable sectors on the volume repaired data unrecovered**

**Explanation**

All of the unreadable sectors on the volume were repaired.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6703M Overflow in unreadable sector database**

**Explanation**

A database is full.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6704I Unreadable sectors found on volume**

**Explanation**

An unreadable sectors were found on volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6705I Volume import failed - too many unreadable sectors**

**Explanation**

A volume import failed due to too many unreadable sectors.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6706I Unreadable sectors prevented data from being reconstructed to a replaced drive. An unreadable sector record was created on the replaced drive to track the fact that the data cannot be read**

**Explanation**

Inconsistent and PHYSical unreadable sectors on a drive that is undergoing reconstruction were converted by the controller to logical unreadable sectors (so they continue to be tracked).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6800L Serial port recovery activated**

**Explanation**

A serial port recovery was activated. This event is a security measure and does not cause a Needs Attention condition on the array.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE6801L Serial port recovery had an incorrect password**

**Explanation**

A controller detected that a wrong password or corrupted password was entered. This event is a security measure and does not cause a Needs Attention condition on the array.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE6802I Serial port recovery exited**

**Explanation**

The serial port recovery is complete.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6900M Diagnostic data is available**

**Explanation**

An unusual event on the controller triggered the DDC feature to store diagnostic data.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE6901I Diagnostic data retrieval operation started**

**Explanation**

A user-requested DDC data retrieval completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6902I Diagnostic data retrieval operation completed**

**Explanation**

A user-requested DDC data retrieval completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6903I Diagnostic data Needs Attention status was cleared**

**Explanation**

The storage administrator retrieved the DDC file successfully, clearing the Needs Attention status of the array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6904I Diagnostic data capture information was lost**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6905I Non-critical data restore failed**

**Explanation**

During a cache restoration process, non-critical data (for example, DDC data) was not restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE6906I Diagnostic data capture information available**

**Explanation**

The diagnostic data capture information is available for retrieval.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7000I Incorrect feature pack key file**

**Explanation**

A RAID controller detected that an incorrect feature pack key file was applied. This event is logged if the firmware determines that a bundle key migration that was at one time valid is no longer valid. The firmware will revert to the original bundle key and reboot the controller. The customer will need to request a new bundle key migration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7001M Feature pack key file required**

**Explanation**

A RAID controller detected that one or more features are enabled that violate the current Sub-Model definition.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7002I Feature bundle key was deleted**

**Explanation**

A feature bundle key was deleted during the configuration database adoption process. The MEL event will contain the source and target submodel ids contained in the key.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7003I Invalid feature bundle key was applied**

**Explanation**

A feature bundle upgrade was attempted but the feature bundle key is invalid.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7100I Discrete time series activated**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7101I Discrete time series deactivated**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7102I Discrete time series expired**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7103I Histogram activated**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7104I Histogram deactivated**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7105I Histogram expired**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7300M Battery backup unit overheated**

**Explanation**

The BBU is overheated.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7301M Insufficient learned battery capacity**

**Explanation**

Measured capacity of the BBU is insufficient to hold cache data for at least 72 hours.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7302I Low battery capacity**

**Explanation**

Current capacity of the BBU is insufficient to support write-back cache for 24 hours.



**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7303I Battery temperature nominal**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7304I Battery learn cycle will occur in one hour**

**Explanation**

A battery learn cycle will start within one hour.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7306M Battery missing**

**Explanation**

Information is not available.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7308M Battery expired**

**Explanation**

Information is not available.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE730BI Battery fully charged**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE730DI Battery replaced**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE730EI Battery capacity is sufficient**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE730FI Incomplete battery learn cycle**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7310I Learn cycle for battery started**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7311I Learn cycle for battery completed**

**Explanation**

Information is not available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7500M Persistent cache backup device failed**

**Explanation**

The persistent cache backup device failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7501M Cache backup device is write-protected**

**Explanation**

Write protection is enabled on the cache backup device.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7504I Cache backup device was replaced**

**Explanation**

The cache backup device was replaced.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7505I Backup metadata database corrupted**

**Explanation**

This event is logged as part of the cache backup feature. After power is restored, if, during the restoration of the cache data from the backup device, a problem was detected and the data on the backup device is unusable, this event is logged. There should not be any data integrity issues but it is possible that data from the server that was written to the cache was not successfully flushed to the drives. Therefore, that data is lost. The customer should run a consistency check to ensure the integrity of the data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7506L Backup component status unknown**

**Explanation**

The status of the cache backup device is unknown because of a communication failure with the device.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE7600I Cache backup operation started**

**Explanation**

A process of backing up cache to the internal persistent cache device started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7601I Cache backup operation completed**

**Explanation**

A backup of the cache contents to the persistent backup device completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7602I Cache restore from persistent device was started**

**Explanation**

A restoration of cache from the persistent device started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7603I Cache restore operation from persistent device completed**

**Explanation**

A restoration of cache from persisted memory completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7700I Repository volume is created**

**Explanation**

A concat (Expandable Repository Volume) was successfully created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7701I The capacity of a repository was increased**

**Explanation**

The SYMBol expandConcatVolume procedure completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7702I The capacity of a repository was decreased**

**Explanation**

The trimConcatVolume SYMBol procedure completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7800M Snapshot image rollback paused**

**Explanation**

A PiT rollback operation was exceeded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7801G Snapshot group repository over threshold**

**Explanation**

The amount of data in the PiT group repository exceeded the threshold value.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7802M Snapshot group repository full**

**Explanation**

The PiT group repository is full; the current allocation was consumed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7803M Snapshot group failed**

**Explanation**

A failure with a PiT group was detected.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7804G Snapshot volume repository over threshold**

**Explanation**

The amount of data in the view repository exceeded the threshold value.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7805M Snapshot volume repository full**

**Explanation**

The view repository is full; the current allocation was consumed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7806M Snapshot volume repository failed**

**Explanation**

A failure was detected with a view repository.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7807M Snapshot image purged**

**Explanation**

A PiT was purged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7808I Snapshot group was created**

**Explanation**

A PiT (Point In Time) group was created to contain one or more PiTs.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7809I Snapshot group was deleted**

**Explanation**

A PiT group was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE780AI The parameters for a snapshot group were set (changed)**

**Explanation**

Parameters for the PiT group were set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE780BI A snapshot image was created for a volume**

**Explanation**

An individual PiT was created for a volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE780CI A snapshot image was deleted**

**Explanation**

An individual PiT was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE780DI A consistency group snapshot image was created**

**Explanation**

A consistency group PiT was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE780EI A consistency group snapshot image was deleted**

**Explanation**

A consistency group PiT was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE780FI A snapshot volume was created**

**Explanation**

A PiT view was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7810I A snapshot volume was deleted**

**Explanation**

A PiT view was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7811I A snapshot volume was disabled (stopped)**

**Explanation**

A PiT view was stopped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7812I The parameters for a snapshot volume have been changed**

**Explanation**

PiT view params have been set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7813I Create consistency group**

**Explanation**

A PiT consistency group was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7814I Delete consistency group**

**Explanation**

A PiT consistency group was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7815I Add member to consistency group**

**Explanation**

A PiT consistency group member was added.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7816I Remove member from consistency group**

**Explanation**

A PiT consistency group member was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7817I The parameters of a consistency group were changed**

**Explanation**

PiT consistency group params were set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7818I Snapshot image rollback started**

**Explanation**

A rollback to the base volume's state as contained in the PiT was started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7819I Consistency group snapshot image rollback started**

**Explanation**

Consistency group rollback was started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE781AI Snapshot image rollback resumed**

**Explanation**

A PiT rollback was resumed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE781BI Snapshot image rollback canceled**

**Explanation**

PiT rollback was canceled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE781CI Convert snapshot volume to read-write**

**Explanation**

The view was converted from read only to read-write.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE781DI Consistency group snapshot volume created**

**Explanation**

A PiT consistency group view was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE781EI Consistency group snapshot volume deleted**

**Explanation**

A PiT consistency group view was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE781FI Consistency group snapshot volume disabled (stopped)**

**Explanation**

A PiT consistency group view was stopped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7820I Parameters on consistency group snapshot volume changed**

**Explanation**

Params for a PiT consistency group view were set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7821I Snapshot volume recreated (re-started)**

**Explanation**

PiT view was restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7822I Consistency group snapshot volume recreated (re-started)**

**Explanation**

PiT consistency group view was restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7823I A scheduled creation of a snapshot image occurred**

**Explanation**

A PiT that was scheduled to be created was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7824I A scheduled creation of a consistency group snapshot image occurred**

**Explanation**

A Consistency Group PiT that was scheduled to be created was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7825F A scheduled creation of a snapshot image failed**

**Explanation**

The scheduled creation of a PiT failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE7826F A scheduled creation of a consistency group snapshot image failed**

**Explanation**

The scheduled creation of a consistency group PiT failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE7827G A pending creation of a consistency group snapshot image failed**

**Explanation**

The pending create of a consistency group PiT failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7828G A pending creation of a snapshot image failed**

**Explanation**

The pending creation of a PiT failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7829I The creation of a consistency group snapshot image is pending**

**Explanation**

The creation of a consistency group PiT is pending.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE782AI A creation of a snapshot image is pending**

**Explanation**

An individual PiT creation request is pending.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE782BI The pending creation of a snapshot image was canceled**

**Explanation**

The pending creation of a PiT was canceled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE782CI The pending creation of a consistency group snapshot image was canceled**

**Explanation**

The pending creation of a consistency group PIT waws canceled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE782DI A snapshot group was revived from the failed state**

**Explanation**

A PiT group was revived from the failed state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE782EI A snapshot volume was revived from the failed state**

**Explanation**

A view was revived from the failed state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE782FI A snapshot image rollback was completed**

**Explanation**

A PiT rollback was completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7830I Snapshot image rollback activated**

**Explanation**

A PiT rollback was activated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7900F Copy on write integrity fault**

**Explanation**

During a Copy On Write operation, the firmware detected that the integrity of the PiT group data was compromised.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE7A00F A high level volume utility write ahead log integrity fault**

**Explanation**

The firmware detected that the integrity of the Write Ahead Log for a High Level Volume was compromised.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE7B00G A thin volume repository capacity threshold was exceeded**

**Explanation**

A TPV Repository's used capacity exceeded the specified warning threshold.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7B01M A thin volume repository is full**

**Explanation**

A TPV Repository has no more capacity available to accept WRITE operations.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7B02M A thin volume repository failed**

**Explanation**

A TPV transitioned to a failed state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7B03I A thin volume was created**

**Explanation**

A TPV was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B04I The virtual capacity of a thin volume was increased**

**Explanation**

A TPV expanded its virtual capacity.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B05I A thin volume was initialized**

**Explanation**

TPV content was cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B06I The capacity threshold of a thin volume repository was changed**

**Explanation**

The TPV Capacity threshold was set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B07I The expansion policy of a thin volume was changed**

**Explanation**

TPV expansion policy was set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B08I The maximum expansion capacity of a thin volume repository was changed**

**Explanation**

The maximum capacity to which TPV Repository can grow was set.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B09I A Defrag operation started on a Thin Provisioned Repository Volume**

**Explanation**

Defrag threshold was reached.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B0AI A Defrag operation on a Thin Provisioned Repository Volume completed**

**Explanation**

A Defragment operation completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B0BI Thin Provisioned Repository Volume capacity was reduced. The freed capacity was returned to the disk pool**

**Explanation**

A Thin Volume Defragment operation freed enough capacity to trim the repository.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B0CI Thin Volume reporting policy changed to report as thin volume**

**Explanation**

Client issued a setThinVolumeReportingPolicy procedure.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7B0DI Thin Volume reporting policy changed to report as thick (fully provisioned) volume**

**Explanation**

Client issued a setThinVolumeReportingPolicy procedure.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C00G An asynchronous mirror group was marked degraded**

**Explanation**

An AMG's user specified recovery point age objective was exceeded, resulting in the group being degraded.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C01G An asynchronous mirror group synchronization interval threshold was exceeded**

**Explanation**

A AMG's user specified threshold for periodic synchronization to complete was exceeded.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C02M An asynchronous mirror group was suspended internally**

**Explanation**

A controller firmware internally suspended synchronization for an AMG as a result of an error condition that requires user intervention to resolve.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C03M The asynchronous mirror group has a role (primary or secondary) conflict**

**Explanation**

An AMG role conflict was detected by the controller firmware.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C04M A recovery point for an asynchronous mirror group was lost**

**Explanation**

An AMG's recovery point was lost.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C05G An asynchronous mirror group is orphaned (no corresponding mirror group on the other storage array)**

**Explanation**

A controller firmware detected that only one side of an AMG exists.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C06M Asynchronous mirror group member failed**

**Explanation**

A controller firmware detected an error condition that results in the mirror being failed. This results in an internally suspended mirror.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C07G Asynchronous mirror group member repository threshold was exceeded**

**Explanation**

A repository usage exceeded a user specified threshold.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C08G An asynchronous mirror group primary member repository is full**

**Explanation**

A primary repository's usage is at capacity and is therefore deleted so that synchronization can continue. A new point-in-time image is created at a later time in the synchronization process.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C09M An asynchronous mirror group secondary member repository is full**

**Explanation**

A secondary repository's usage is at capacity, resulting in an internally suspended synchronization so that the user can determine how to resolve the condition.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C0BG An asynchronous mirror group member is orphaned**

**Explanation**

A controller firmware detected that only one side of an AMG member exists without a Placeholder Volume in place.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C0CI Asynchronous mirror group was created**

**Explanation**

An AMG was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C0DI Asynchronous mirror group creation failed**

**Explanation**

An AMG creation failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C0EI An asynchronous mirror group was deleted**

**Explanation**

An AMG was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C0FI The deletion of an asynchronous mirror group failed**

**Explanation**

An AMG deletion failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C10I The parameters of an asynchronous mirror group was changed**

**Explanation**

An AMG parameters were changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C11I The degraded status of an asynchronous mirror group was cleared**

**Explanation**

A degraded AMG needs-attention condition was cleared by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C12I The synchronization interval threshold exceeded condition of an asynchronous mirror group was cleared**

**Explanation**

A sync interval threshold exceeded needs-attention condition was cleared by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C13I Asynchronous mirror group role changed to primary**

**Explanation**

An AMG role was changed to primary.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C14I Asynchronous mirror group role changed to secondary**

**Explanation**

An AMG role was changed to secondary.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C15I Asynchronous mirror group role conflict resolved**

**Explanation**

An AMG role conflict condition was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C16I The manual synchronization of an asynchronous mirror group was initiated**

**Explanation**

An AMG synchronization was initiated by user request.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C1BI An asynchronous mirror group was suspended by the user**

**Explanation**

An AMG synchronization was suspended by user request.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C1CI An asynchronous mirror group was resumed**

**Explanation**

An AMG synchronization was resumed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C1DI An orphaned asynchronous mirror group was resolved**

**Explanation**

An orphaned AMG role conflict condition was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C1EI A primary member was added to an asynchronous mirror group**

**Explanation**

A primary member was added to an AMG. This results in a Placeholder Volume on the secondary.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C1FI A secondary member placeholder was added to an asynchronous mirror group**

**Explanation**

A secondary placeholder member was added to an AMG.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C20I A secondary member was added to an asynchronous mirror group**

**Explanation**

A secondary member was added to an AMG replacing the previously created Placeholder Volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C21I A member of an asynchronous mirror group was removed**

**Explanation**

A member was removed from an AMG.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C22I A member of an asynchronous mirror group was recovered**

**Explanation**

A failed mirror was recovered.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C23I Security on an asynchronous mirror group member was enabled**

**Explanation**

A security was enabled for the volume group of an AMG member volume. This might be either a base or repository volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C24I The member repository threshold exceeded condition of an asynchronous mirror group was cleared**

**Explanation**

A repository threshold exceeded needs-attention condition was cleared by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C25I The primary member repository full condition of an asynchronous mirror group was cleared**

**Explanation**

A primary repository full needs-attention condition was cleared by the user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C26I The secondary member repository full condition of an asynchronous mirror group was resolved**

**Explanation**

A secondary repository full condition was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C27I Ownership change occurred on member repository of asynchronous mirror group**

**Explanation**

An AMG member's repository controller ownership was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C28I An orphaned asynchronous mirror group member was resolved**

**Explanation**

An orphaned AMG member condition was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C29I Read error occurred on primary asynchronous group member**

**Explanation**

A controller firmware detected a primary AMG member read error.

**Severity**



Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C2AI Establishing the synchronization data on all primary members of an asynchronous mirror group failed**

**Explanation**

A controller firmware detected a primary AMG member PiT creation failure.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C2BI Read error occurred on secondary asynchronous group member**

**Explanation**

A controller firmware detected a secondary AMG member read error.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C2CI Read error occurred on mirror delta log**

**Explanation**

A controller firmware detected a delta log read error.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C2DI Fibre channel port activated for asynchronous mirroring**

**Explanation**

A Fibre Channel port for ARVM was activated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C2EI Fibre channel port deactivated for asynchronous mirroring**

**Explanation**

A Fibre Channel port for ARVM was deactivated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C31I A controlled asynchronous mirror group role change request was canceled**

**Explanation**

A controlled AMG role change request was canceled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C32G The controller firmware detected that only a placeholder volume of an asynchronous mirror group member exists**

**Explanation**

The controller firmware detected that only the placeholder volume of an AMG member exists.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C33I An orphaned asynchronous mirror group incomplete member condition was resolved**

**Explanation**

An orphaned AMG incomplete member condition was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C34M An asynchronous mirror group's synchronization has paused because the alternate state is preventing synchronization from proceeding**

**Explanation**

An AMG's synchronization was paused because the alternate state is preventing synchronization from proceeding.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7C35I A mirror has stopped**

**Explanation**

A mirror was stopped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C36I A role changed member was requested for an asynchronous mirror group**

**Explanation**

A role changed member was requested for an AMG.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7C37M Controller firmware detected a role change for an AMG was paused**

**Explanation**

The controller firmware detected that the role change for an AMG was paused.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7D00M SMART Command Transfer (SCT) commands unsupported**

**Explanation**

Logged by MEL event VDM.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE7E00I Drive power toggled off**

**Explanation**

The drive power was toggled off.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7E01I Drive power toggled on**

**Explanation**

The drive power was toggled on.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7E02I Drive power cycle sequence started**

**Explanation**

The power cycle sequence was started. This occurs after the drive was identified as eligible for the recovery procedure and all of the criteria have been met. When an unresponsive drive was detected, either this event or the Drive Recovery Procedure Criteria Not Met event will be logged -- not both.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7E03I Drive power cycle sequence successfully completed**

**Explanation**

The drive power cycle sequence completed successfully. This occurs after the drive was powered back on and recognized by the controller firmware. Note that the reconstruction phase of the recovery will occur after the power cycle sequence and will log MEL events to report its progress.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7E04I Drive power cycle sequence aborted**

**Explanation**

The power cycle sequence was aborted. This can occur any time after the power cycle sequence is started but before it completed. This means that this event will not be logged unless the Drive Power Cycle Sequence Started event was logged and will not be logged if Drive Power Cycle Sequence Completed event was logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7E05I Drive recovery criteria not met**

**Explanation**

A misbehaving drive is eligible for the drive recovery procedure, but at least one of the criteria to invoke the drive recovery procedure is not met.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7E06I Received a request to power cycle a drive**

**Explanation**

A request to power cycle a PHYSical drive was received from a host application.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F00I SNMP Community was added**

**Explanation**

An SNMP Community was added.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F01I SNMP Community was removed**

**Explanation**

An SNMP Community was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F02I SNMP Community parameters was changed**

**Explanation**

An SNMP Community parameters was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F03I SNMP trap destination was added**

**Explanation**

An SNMP trap destination was added.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F04I SNMP trap destination was removed**

**Explanation**

An SNMP trap destination was removed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F05I SNMP trap destination parameters were changed**

**Explanation**

An SNMP trap destination parameters were changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F06I SNMP system variable was changed**

**Explanation**

An SNMP system variable was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE7F07I SNMP test alert**

**Explanation**

An SNMP system variable was changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9000I The active trace buffer size exceeds the defined threshold**

**Explanation**

This event is logged when the active trace buffer size exceeded the defined threshold.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9001I IOC Data Captured**

**Explanation**

A IOC logs collection occurred. The IOC dump can be exception or user driven on support IOC chips. The data collection from the IOC is an opaque log intended to aid in the isolation/resolution of problems with IOC chips in the field.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Information only; no action is required.

- **FQXDE9100I Auto Load Balancing enabled**

**Explanation**

Auto Load Balancing was enabled on the array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9101I Auto Load Balancing disabled**

**Explanation**

Auto Load Balancing was disabled on the array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9102M Loss of host-side connection redundancy detected**

**Explanation**

The controller detected that the specified host has lost connection to one of the two controllers.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9103M Host multipath driver configuration error detected**

**Explanation**

The behavior exhibited by the host multipath driver for the specified host does not match expectations of the supported drivers for the specified host type. This usually indicates a missing, out-of-date, or misconfigured multipath driver installed on the host or an incorrect host type specified for this host in the array configuration.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9104I Analysis of workload balance was performed**

**Explanation**

Analysis of workload balance was performed by auto load balance to determine if optimization is necessary.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9105I Workload was automatically balanced by transferring volumes**

**Explanation**

Auto load balance performed load optimization to evenly distribute the workload across the controllers.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9106I The workload balance was evaluated following load optimization**

**Explanation**

Auto load balance performed an analysis on the effects of a previous load optimization that distributed the workload across the controllers.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9107I Host Connectivity Reporting disabled**

**Explanation**

Host Connectivity Reporting was disabled on the array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9108I Host Connectivity Reporting enabled**

**Explanation**

Host Connectivity Reporting was enabled on the array.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9200M Security Audit Log reached its maximum capacity and cannot record new security audit events until it is cleared**

**Explanation**

The Security Audit Log reached its maximum capacity, and the Audit Log Full Policy is set to 'Manually Clear'.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9201G Security Audit Log is nearing maximum capacity and should be cleared now to avoid losing events**

**Explanation**

The Security Audit Log size exceeded the warning threshold and the Audit Log Full Policy is set to 'Manually Clear'.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9202I Security Audit Log Full Policy was changed**

**Explanation**

An administrator changed the Security Audit Log Full Policy.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9203I Security Audit Log entries were manually cleared**

**Explanation**

The Security Audit Log was cleared by an administrator request.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9204M A Directory Services server is unreachable or misconfigured**

**Explanation**

The controller is unable to communicate with the configured Directory Services server.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9205I Directory Services Server configuration was changed**

**Explanation**

An administrator changed the Directory Services server configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9206I The given IP address has attempted too many invalid logins and was locked out for a period of time**

**Explanation**

Maximum number of invalid login attempts was exceeded.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9207L The certificate was revoked**

**Explanation**

A certificate was revoked during the SSL handshake.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE9208L Unable to contact the OCSP responder server**

**Explanation**

Revocation checking is enabled, but the OCSP responder server URL is unreachable.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- **FQXDE9209I SAML Server configuration was changed**

**Explanation**

An administrator changed the SAML server configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE920AI SAML Server is enabled**

**Explanation**

SAML Server is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE920BI SAML Server is disabled**

**Explanation**

SAML Server is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE920CI SAML Server authentication was rejected**

**Explanation**

SAML Server authentication was rejected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9300G An installed certificate used for KMIP server authentication is nearing expiration**

**Explanation**

An installed certificate that is used for authenticating with a KMIP server for Embedded External Key Management is nearing expiration. This event is logged only when the array's current key management scheme is external. If the certificate does expire, this can lead to a loss of data access.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9301M An installed certificate used for KMIP server authentication has expired**

**Explanation**

An installed certificate that is used for authenticating with a KMIP server for Embedded External Key Management has expired. This event should only be logged if the array's current key management scheme is external. An expired KMS certificate can lead to a loss of data access.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9302M A certificate error was returned by the KMIP server**

**Explanation**

The KMIP server for Embedded External Key Management returned an error indicating that a certificate is bad. This error condition can lead to loss of data access.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9303M Authentication to the KMIP server failed**

**Explanation**

The KMIP server for Embedded External Key Management failed. This failure condition can lead to loss of data access.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9304M A failure occurred on the connection to a KMIP server**

**Explanation**

The connection to a KMIP server that is used for Embedded External Key Management failed. This failure condition can lead to loss of data access.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9305M A general error was returned when communicating with the KMIP server**

**Explanation**

A general KMIP server error was returned when communicating with the server for Embedded External Key Management. This error condition can lead to loss of data access.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9306G An attempt to create a security key failed as the storage array's client certificate does not match any of the existing owners on the KMIP server**

**Explanation**

Key creation failed because the storage array client certificate does not match any of the existing owners on the server for Embedded External Key Management.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9400I NVMe controller destroyed due to keep alive timeout**

**Explanation**

An NVMe controller was destroyed due to a keep alive timeout condition. Check connections and status of the host.



**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9401I NVM Connection failed due to lack of available resources**

**Explanation**

An NVM Connection command to create an Admin queue pair and NVM controller failed due to lack of available resources. There are too many connections to the controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9600M Impending Drive Failure (High Data Availability Risk)**

**Explanation**

Impending Drive Failure (High Data Availability Risk)

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9601M Impending Drive Failure (Medium Data Availability Risk)**

**Explanation**

Impending Drive Failure (Medium Data Availability Risk)

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9602M Impending Drive Failure (Unassigned or Standby Hot Spare)**

**Explanation**

Impending Drive Failure (Unassigned or Standby Hot Spare)

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9603M Incompatible PI-Type Drive**

**Explanation**

Incompatible PI-Type Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9604M Degraded Drive Channel**

**Explanation**

Degraded Drive Channel

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9605M Controller Reboots Detected**

**Explanation**

Controller Reboots Detected

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9606M ESM Canister Miswire**

**Explanation**

ESM Canister Miswire

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9607M Degraded Drive Path**

**Explanation**

Degraded Drive Path

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9608M Drive Channel Data Rate Detection Mismatch**

**Explanation**

Drive Channel Data Rate Detection Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9609M**

**Explanation**

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9610M Fibre Channel Trunking - Incompatible ESM**

**Explanation**

Fibre Channel Trunking - Incompatible ESM

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9611M Fibre Channel Trunking Miswire**

**Explanation**

Fibre Channel Trunking Miswire

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9612M SAS Device Miswire**

**Explanation**

SAS Device Miswire

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9614M SAS Loop Miswire**

**Explanation**

SAS Loop Miswire

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9616M SAS Host Miswire**

**Explanation**

SAS Host Miswire

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9618M SAS Device Miswire**

**Explanation**

SAS Device Miswire

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9619M Failed or Degraded SAS Port**

**Explanation**

Failed or Degraded SAS Port

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9620M Failed or Degraded SAS Port**

**Explanation**

Failed or Degraded SAS Port

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9624M Tray - Loss of External Redundancy**

**Explanation**

Tray - Loss of External Redundancy

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9625M Failed Host I/O Card**

**Explanation**

Failed Host I/O Card

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9626M Host Switch Card Problem**

**Explanation**

Host Switch Card Problem

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9627M Missing Drives Lockdown**

**Explanation**

Missing Drives Lockdown

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9628M A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.**

**Explanation**

A controller detected that the combination of host interface cards are out of compliance with limitations of the controller or the firmware.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9629M Failed Drive**

**Explanation**

Failed Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9630M Redundancy Group Not Consistent**

**Explanation**

Redundancy Group Not Consistent

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9631F Volumes Degraded in Volume Group or Pool - Noncritical Drive Error**

**Explanation**

Volumes Degraded in Volume Group or Pool - Noncritical Drive Error

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9633M Cache Memory Mismatch**

**Explanation**

Cache Memory Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9634M Battery Failed**

**Explanation**

Battery Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9635M Cache Data Loss**

**Explanation**

Cache Data Loss

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9636M Battery Nearing Expiration**

**Explanation**

Battery Nearing Expiration

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9637M Battery Settings Mismatch**

**Explanation**

Battery Settings Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9638M Unsupported Cache Memory Size**

**Explanation**

Unsupported Cache Memory Size

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9639M Insufficient Cache Backup Device Capacity**

**Explanation**

Insufficient Cache Backup Device Capacity

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9640M Insufficient processor memory for cache**

**Explanation**

The controller does not have sufficient processor memory to support the configured cache.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9641M Dedicated Mirror Channel Failed**

**Explanation**

Dedicated Mirror Channel Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9642M Write-Back Caching Disabled**

**Explanation**

Write-Back Caching Disabled

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9644M Controller Degraded to Preserve Offline Volume Data**

**Explanation**

Controller Degraded to Preserve Offline Volume Data

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9645I Unrecoverable Interrupted Write**

**Explanation**

Unrecoverable Interrupted Write

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9646M Incompatible Drive Due to Unsupported Sector Size**

**Explanation**

Incompatible Drive Due to Unsupported Sector Size

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9648M Failed Volume**

**Explanation**

Failed Volume

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9649M Uncertified Drive**

**Explanation**

Uncertified Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9650M Replaced Drive - Wrong Type**

**Explanation**

Replaced Drive - Wrong Type

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9651M Volume Modification Operation Failed**

**Explanation**

Volume Modification Operation Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9652M Configuration Database Adoption Failed - RAID Level Not Supported**

**Explanation**

Configuration Database Adoption Failed - RAID Level Not Supported

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9653M Configuration Database Adoption Failed - One or More Limit(s) Exceeded**

**Explanation**

Configuration Database Adoption Failed - One or More Limit(s) Exceeded

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9654M Incompatible Drive Due to Older Configuration Database**

**Explanation**

Incompatible Drive Due to Older Configuration Database

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9656M Incompatible Drive Due to Newer Configuration Database**

**Explanation**

Incompatible Drive Due to Newer Configuration Database

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9657M Foreign Drive Has Inconsistent Configuration**

**Explanation**

Foreign Drive Has Inconsistent Configuration

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9658M Foreign Drive Refers to Native Drive**

**Explanation**

Foreign Drive Refers to Native Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9659M Replaced Drive - Wrong Type**

**Explanation**

Replaced Drive - Wrong Type

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9660M Failed Legacy Drive**

**Explanation**

Failed Legacy Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9661M Configuration Database Adoption Failed - Multiple Configuration Databases Detected**

**Explanation**

Configuration Database Adoption Failed - Multiple Configuration Databases Detected

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9662M Native Volume Group And Foreign Drive Refer to Each Other**

**Explanation**

Native Volume Group And Foreign Drive Refer to Each Other

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9664M Volume Group Clones**

**Explanation**

Volume Group Clones

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9665M Multiple Volume Groups Refer to Foreign Drive**

**Explanation**

Multiple Volume Groups Refer to Foreign Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9666M Multiple Volume Groups Refer to Foreign Drive (Scenario 2)**

**Explanation**

Multiple Volume Groups Refer to Foreign Drive (Scenario 2)

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9667M Unsupported SATA Protocol Connection**

**Explanation**

Unsupported SATA Protocol Connection

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9669M Security Key Needed**

**Explanation**

Security Key Needed



**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9671M Missing Hot Spare Drive**

**Explanation**

Missing Hot Spare Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9672M Solid State Disk - End of Life**

**Explanation**

Solid State Disk - End of Life

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9673M Unsupported Drive Capacity**

**Explanation**

Unsupported Drive Capacity

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9674M Volume - Hot Spare in Use**

**Explanation**

Volume - Hot Spare in Use

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9675M Missing Volume Group or Disk Pool**

**Explanation**

Missing Volume Group or Disk Pool

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9676M Incomplete Volume Group or Disk Pool**

**Explanation**

Incomplete Volume Group or Disk Pool

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9677M Incompatible Interposer Firmware**

**Explanation**

Incompatible Interposer Firmware

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9678M Incompatible Drive Alignment**

**Explanation**

Incompatible Drive Alignment

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9679M Impending Drive Failure (Waiting for Hot Spare)**

**Explanation**

Impending Drive Failure (Waiting for Hot Spare)

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9682M Unable to Resolve NTP Server's IP Address**

**Explanation**

Unable to Resolve NTP Server's IP Address

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9683M NTP Query Failed**

**Explanation**

NTP Query Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9684M Unable to Contact NTP Servers**

**Explanation**

Unable to Contact NTP Servers

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9685M Invalid Power Supply**

**Explanation**

Invalid Power Supply

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9686M Mismatched Midplane EEPROMs**

**Explanation**

Mismatched Midplane EEPROMs

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9687M Failed I2C Bus**

**Explanation**

Failed I2C Bus

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9688M Corrupt VPD EEPROM**

**Explanation**

Corrupt VPD EEPROM

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9689M Controller Removed**

**Explanation**

Controller Removed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9690M Drive Security Key Mismatch**

**Explanation**

Drive Security Key Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9691M Mismatching Security Key IDs**

**Explanation**

Mismatching Security Key IDs

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9692M Lost AC Power**

**Explanation**

Lost AC Power

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9693M Removed Power-Fan Canister**

**Explanation**

Removed Power-Fan Canister

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9694M Failed Interconnect-Battery Canister**

**Explanation**

Failed Interconnect-Battery Canister

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9695M Power Supply - No Power Input**

**Explanation**

Power Supply - No Power Input

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9696M Storage Array Component - Loss of Communication**

**Explanation**

Storage Array Component - Loss of Communication

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9697M Removed ESM Canister**

**Explanation**

Removed ESM Canister

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9699M Tray ID Conflict**

**Explanation**

Tray ID Conflict

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9700M Nominal Temperature Exceeded**

**Explanation**

Nominal Temperature Exceeded

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9701M Maximum Temperature Exceeded**

**Explanation**

Maximum Temperature Exceeded

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9702M Removed Power-Fan Canister**

**Explanation**

Removed Power-Fan Canister

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9703M ESM Firmware Mismatch**

**Explanation**

ESM Firmware Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9704M Bypassed Drive**

**Explanation**

Bypassed Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9705M Drive Tray - Loss of Path Redundancy**

**Explanation**

Drive Tray - Loss of Path Redundancy

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9706M Bypassed Drive**

**Explanation**

Bypassed Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9707M Drive - Loss of Path Redundancy**

**Explanation**

Drive - Loss of Path Redundancy

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9708M ESM Hardware Type Mismatch**

**Explanation**

ESM Hardware Type Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9709M Mixed Drive Types - Out of Compliance**

**Explanation**

Mixed Drive Types - Out of Compliance

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9710M Uncertified ESM Canister**

**Explanation**

Uncertified ESM Canister

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9711M Uncertified Drive**

**Explanation**

Uncertified Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9712M Controller Mismatch**

**Explanation**

Controller Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9713M Drive Trays Not Cabled Correctly**

**Explanation**

Drive Trays Not Cabled Correctly

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9714M Discrete Lines Diagnostic Failure**

**Explanation**

Discrete Lines Diagnostic Failure

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9715I Storage Array Component - Loss of Communication**

**Explanation**

Storage Array Component - Loss of Communication

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9716M Removed Interconnect-Battery Canister**

**Explanation**

Removed Interconnect-Battery Canister

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9717M Failed Power Supply**

**Explanation**

Failed Power Supply

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9718M Controller Mismatch**

**Explanation**

Controller Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9720M Redundant Power Supplies Required**

**Explanation**

Redundant Power Supplies Required

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9721M Misconfigured Tray**

**Explanation**

Misconfigured Tray

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9722M ESM Configuration Settings Version Mismatch**

**Explanation**

ESM Configuration Settings Version Mismatch

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9724M Controller Model or Submodel Identifier Cannot Be Determined**

**Explanation**

Controller Model or Submodel Identifier Cannot Be Determined

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9725M Failed Drawer**

**Explanation**

Failed Drawer

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9726M Missing or Open Drawer**

**Explanation**

Missing or Open Drawer

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9727M Thermal Shutdown**

**Explanation**

Thermal Shutdown

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9728M Degraded Drawer**

**Explanation**

Degraded Drawer

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9729M Invalid Drawer Type**

**Explanation**

Invalid Drawer Type

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9730M Drawer Removed**

**Explanation**

Drawer Removed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9731M Failed GBIC/SFP**

**Explanation**

Failed GBIC/SFP

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9734M Non-Optimal SSD Cache**

**Explanation**

Non-Optimal SSD Cache

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9735M Preservation Capacity Below Threshold**

**Explanation**

Preservation Capacity Below Threshold

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9736M Disk Pool Capacity - Warning Threshold Exceeded**

**Explanation**

Disk Pool Capacity - Warning Threshold Exceeded

**Severity**

Critical



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9737M Disk Pool Capacity - Critical Threshold Exceeded**

**Explanation**

Disk Pool Capacity - Critical Threshold Exceeded

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9738M Disk Pool Capacity - Full**

**Explanation**

Disk Pool Capacity - Full

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9739M Insufficient Disk Pool Memory**

**Explanation**

Insufficient Disk Pool Memory

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9740I Degraded Volume**

**Explanation**

Degraded Volume

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXDE9742M Too Many Security Key Validation Attempts**

**Explanation**

Too Many Security Key Validation Attempts

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9743M Offline Controller**

**Explanation**

Offline Controller

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9744M Controller Diagnostics Failed**

**Explanation**

Controller Diagnostics Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9746M Unknown Component Failure**

**Explanation**

Unknown Component Failure

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9747M Unknown Shared Component Failure**

**Explanation**

Unknown Shared Component Failure

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9748M Invalid Host Type**

**Explanation**

Invalid Host Type

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9750M Inactive host port registered**

**Explanation**

A Host Context Agent (HCA) attempted to register a host port associated with a host that already has storage partition mappings. The host port was consequently marked inactive and can be activated through the storage management software or CLI.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9751M Inactive Host Port Identifier**

**Explanation**

Inactive Host Port Identifier

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9752M External Key Management System - Out of Compliance**

**Explanation**

External Key Management System - Out of Compliance

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9753M Snapshot Premium Feature - Out Of Compliance**

**Explanation**

Snapshot Premium Feature - Out Of Compliance

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9754M Gold Key - mismatched settings**

**Explanation**

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not the controller is subject to Gold Key restrictions. When this condition was detected, both controllers are treated as though they are subject to the restrictions.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9755M Mixed drive types - mismatched settings**

**Explanation**

Each controller of the pair has a different setting for the NVSRAM bit that controls whether or not Mixed Drive Types is a premium feature. When this condition was detected, both controllers are treated as though MDT is a premium feature.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9756M Premium Feature Trial Nearing Non-Compliant State**

**Explanation**

Premium Feature Trial Nearing Non-Compliant State

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9757M Offline Controller**

**Explanation**

Offline Controller

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9758M Storage Array in Recovery Mode**

**Explanation**

Storage Array in Recovery Mode

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9759M Dual Primary Volume Conflict**

**Explanation**

Dual Primary Volume Conflict

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9760M Dual Secondary Volume Conflict**

**Explanation**

Dual Secondary Volume Conflict

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9761M Mirror Data Unsynchronized**

**Explanation**

Mirror Data Unsynchronized

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9762M Mirror relationship has inconsistent write mode**

**Explanation**

The mirror relationship has inconsistent write mode.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9763M Mirror Communication Error - Unable to Contact Storage Array**

**Explanation**

Mirror Communication Error - Unable to Contact Storage Array

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9764M Unable to Update Remote Mirror**

**Explanation**

Unable to Update Remote Mirror

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9765M Failed Copy Operation**

**Explanation**

Failed Copy Operation

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9766M Unreadable Sectors Detected**

**Explanation**

Unreadable Sectors Detected

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9767M Unreadable Sectors Log Full**

**Explanation**

Unreadable Sectors Log Full

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9768M Controller Diagnostic Data Collected**

**Explanation**

Controller Diagnostic Data Collected

**Severity**

Critical

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9769M Premium Feature - Out of Compliance**

**Explanation**

Premium Feature - Out of Compliance

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9770M Battery Temperature - Critical Limit Exceeded**

**Explanation**

Battery Temperature - Critical Limit Exceeded

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9771M Battery Replacement Required**

**Explanation**

Battery Replacement Required

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9772M Battery Removed**

**Explanation**

Battery Removed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9773M Battery Expired**

**Explanation**

Battery Expired

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9774M Cache Backup Device Failed**

**Explanation**

Cache Backup Device Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9775M Cache Backup Device in Write-Protect Mode**

**Explanation**

Cache Backup Device in Write-Protect Mode

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9776M Snapshot Image Rollback Paused**

**Explanation**

Snapshot Image Rollback Paused

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9777G Repository - Threshold Exceeded**

**Explanation**

Repository - Threshold Exceeded

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9778M Repository - Full**

**Explanation**

Repository - Full

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9779M Snapshot Group or CG Member Volume Failed**

**Explanation**

Snapshot Group or CG Member Volume Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9780G Snapshot Volume Repository - Threshold Exceeded**

**Explanation**

Snapshot Volume Repository - Threshold Exceeded

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9781M Snapshot Volume Repository - Full**

**Explanation**

Snapshot Volume Repository - Full

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9782M Snapshot Volume Failed**

**Explanation**

Snapshot Volume Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9783M Snapshot Image Purged**

**Explanation**

Snapshot Image Purged

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9784G Consistency Group Snapshot Image Creation Failed**

**Explanation**

Consistency Group Snapshot Image Creation Failed

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9785G Snapshot Image Creation Failed**

**Explanation**

Snapshot Image Creation Failed

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9786G Thin Volume Repository - Threshold Exceeded**

**Explanation**

Thin Volume Repository - Threshold Exceeded

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9787M Thin Volume Repository - Full**

**Explanation**

Thin Volume Repository - Full

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9788M Thin Volume Failed**

**Explanation**

Thin Volume Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9789G Degraded Mirror Group**

**Explanation**

Degraded Mirror Group

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9790G Mirror Group Synchronization - Threshold Exceeded**

**Explanation**

Mirror Group Synchronization - Threshold Exceeded

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9791M Synchronization Suspended**

**Explanation**

Synchronization Suspended

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9792M Mirror Group Role Conflict**

**Explanation**

Mirror Group Role Conflict

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9793M Synchronization Recovery Point Lost**

**Explanation**

Synchronization Recovery Point Lost

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9794G Orphaned Mirror Group**

**Explanation**

Orphaned Mirror Group

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9795M Failed Mirror**

**Explanation**

Failed Mirror

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9796G Mirrored Volume Repository - Threshold Exceeded**

**Explanation**

Mirrored Volume Repository - Threshold Exceeded

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9797G Mirrored Primary Volume Repository - Full**

**Explanation**

Mirrored Primary Volume Repository - Full

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9798M Mirrored Secondary Volume Repository - Full**



**Explanation**

Mirrored Secondary Volume Repository - Full

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9799G Orphaned Mirrored Volume**

**Explanation**

Orphaned Mirrored Volume

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9800G Orphaned Mirrored Volume**

**Explanation**

Orphaned Mirrored Volume

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9801M Synchronization Paused**

**Explanation**

Synchronization Paused

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9802M Mirror Communication Error - Unable to Contact Storage Array**

**Explanation**

Mirror Communication Error - Unable to Contact Storage Array

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9803M Incompatible SATA Drive**

**Explanation**

Incompatible SATA Drive

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9804M Host Redundancy Lost**

**Explanation**

Host Redundancy Lost

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9805M Host Multipath Driver Incorrect**

**Explanation**

Host Multipath Driver Incorrect

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9806M Audit Log Full**

**Explanation**

Audit Log Full

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9807G Audit Log - Early Threshold Exceeded**

**Explanation**

Audit Log - Early Threshold Exceeded

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9808M Directory Services Server Connection Failed**

**Explanation**

Directory Services Server Connection Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9809G Key Management Certificate Nearing Expiration**

**Explanation**

Key Management Certificate Nearing Expiration

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9810M Key Management Certificate Expired**

**Explanation**

Key Management Certificate Expired

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9811M Key Management Client Certificate Invalid**

**Explanation**

Key Management Client Certificate Invalid

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9812M Key Management Server Certificate Invalid**

**Explanation**

Key Management Server Certificate Invalid

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9813M Key Management Server Connection Failed**

**Explanation**

Key Management Server Connection Failed

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9814M Key Management Server Error**

**Explanation**

Key Management Server Error

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9815G Drive Security Key Creation Failed**

**Explanation**

Drive Security Key Creation Failed

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXDE9816G A controller was placed in Service mode**

**Explanation**

A controller was placed in Service mode

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

For recovery actions, access the Recovery Guru from the storage management interface, and click the alert in the Problems section.

- **FQXHMDE0001G A trap alert destination subscription failure occurred when user {0} managed server {1}.**

**Explanation**

This will cause the management server to not receive events from managed server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed storage's user interface for this storage, and add the management server IP address into the Set Up Notification to receive notifications.

- **FQXHMDE0001I User {0} started management of storage {1}.**

**Explanation**

The management of the storage has been requested by user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMDE0002G A trap alert destination unsubscription failure occurred when user {0} unmanaged server {1}.**

**Explanation**

This will cause the management server to continue to receive events on this server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed storage's user interface for this storage, and remove the management server IP.

- **FQXHMDE0003G Inventory data could not be retrieved from the endpoint {0}.**

**Explanation**

The attempt to retrieve the most updated inventory data has failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint.

- **FQXHMDE0010G The SSL/TLS certificate provided by the {0} endpoint is not valid.**

**Explanation**

The operation performed to the server failed due to an SSL certificate error.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The SSL/TLS certificate provided by the endpoint is not valid.

- Restarting the system's Management on Storage Controllers the certificate is regenerated.

- **FQXHMST0001G A trap alert destination subscription failure occurred when user {0} managed server {1}.**

**Explanation**

This will cause the management server to not receive events from managed server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed storage's user interface for this storage, and add the management server IP address into the Set Up Notification to receive notifications.

- **FQXHMST0001I User {0} started management of storage {1}.**

**Explanation**

The management of the storage has been requested by user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXHMST0002G A trap alert destination unsubscription failure occurred when user {0} unmanaged server {1}.**

**Explanation**

This will cause the management server to continue to receive events on this server.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Log into the managed storage's user interface for this storage, and remove the management server IP.

- **FQXHMST0003G Inventory data could not be retrieved from the endpoint {0}.**

**Explanation**

The attempt to retrieve the most updated inventory data has failed.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint.

- **FQXHMST0004G Credentials could not be updated from endpoint {0}.**

**Explanation**

Security policies could not be updated when accessing the endpoint.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0005G User {0} cannot removed the credentials from endpoint {1}.**

**Explanation**

Security policies could not be removed from the endpoint.

**Severity**

Warning

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0006G User {0} cannot remove endpoint {1}.**

**Explanation**

An error occurred when attempting to remove the endpoint.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0007G Endpoint {0} could not be accessed because credentials were refused.**

**Explanation**

The operation cannot be performed because of a problem with the credentials.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Attempt to manage the endpoint again. Then attempt to perform the operation again.

- **FQXHMST0008G Endpoint {0} could not be accessed.**

**Explanation**

The operation cannot be performed because of a problem with the endpoint connectivity.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check to ensure there are no connectivity issues to the endpoint and retry the operation. If the problem persists, contact Support.

- **FQXHMST0009G User {0} cannot access the endpoint {1}.**

**Explanation**

The operation performed to the server failed due to an internal communication infrastructure failure.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restart the management server and retry the operation. If the problem persists, contact Support.

- **FQXHMST0010G The SSL/TLS certificate provided by the {0} endpoint is not valid.**

**Explanation**

The operation performed to the server failed due to an SSL certificate error.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The SSL/TLS certificate provided by the endpoint is not valid.

- Restarting the system's Management on Storage Controllers the certificate is regenerated.

- **FQXHMST0015G The controller {0} is not operational.**

**Explanation**

The operation cannot be performed because of a problem with the endpoint operability.

**Severity**

Warning

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restart the Storage Controller in this controller module, unless it is performing an operation where it is normal for it to be shut down, such as firmware update.

- **FQXST0001W The disk group is online but cannot tolerate another disk failure.**

**Explanation**

The specified disk group is operating in a degraded state due to a disk failure. If the specified disk group is a RAID 6 disk group, two disks have failed. If a dedicated spare or global spare of the proper type and size is present, that spare is used to automatically reconstruct the disk group, and events 9 and 37 are logged. For linear disk groups, if no usable spare disk is present, but an available disk of the proper type and size is present and the dynamic spares feature is enabled, that disk is used to automatically reconstruct the disk group, and event 37 is logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

## User Action

Check to see if events 9 and 37 are logged.

- If so, reconstruction automatically started.
  1. Replace the failed disk and configure the replacement as a dedicated (linear only) or global spare for future use. For continued optimum I/O performance, the replacement disk should have the same or better performance.
  2. Confirm that all failed disks have been replaced and that there are sufficient spare disks configured for future use.
- If event 37 was not logged, a spare of the proper type and size was not available for reconstruction. Replace the failed disk with one of the same type and the same or greater capacity and, if necessary, designate it as a spare.

- **FQXST0003M The specified disk group went offline.**

### Explanation

One disk failed for RAID 0 or NRAID, three disks failed for RAID 6, or two disks failed for other RAID levels, and the disk group cannot be reconstructed. This is not a normal status for a disk group unless you have manually removed a disk from quarantine. When a disk failure occurs in a virtual disk groups in the Performance tier, the data in the disk group that uses that disk will be automatically migrated to another available disk group if space is available, so no user data is lost. Data will be lost: If multiple disk failures occur in rapid succession so there is not enough time to migrate the data. If there is insufficient space to fit the data in another tier. If failed disks are not replaced promptly by the user.

### Severity

Critical

### Serviceable with log

No

### Automatically Notify Support

No

## User Action

1. You might be able to use the CLI trust command to recover some of the data in the disk group. Contact Support for help to determine if the trust operation applies to your situation and for assistance in using the command. You can also view the help for the trust command.
2. If you choose to not use the trust command, perform these steps:
  - a. Replace the failed disk or disks. (Look for event 8 in the event log to determine which disks failed and for advice on replacing them.)
  - b. Delete the disk group (use the remove disk-groups CLI command).
  - c. Re-create the disk group (use the add disk-group CLI command).
3. To prevent this problem in the future, use a fault-tolerant RAID level, configure one or more disks as spare disks, and replace failed disks promptly.

- **FQXST0004I The specified disk had a bad block, which was corrected.**

### Explanation

The specified disk had a bad block, which was corrected.

### Severity

Informational

### Serviceable with log

No

### Automatically Notify Support

No

**User Action**

Information only; no action is required.

- **FQXST0006I Disk group creation failed immediately.**

**Explanation**

The user was given immediate feedback that disk group creation failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0006W A failure occurred during the initialization of the specified disk group.**

**Explanation**

This event was probably caused by the failure of a disk drive. The initialization might have completed, but the disk group probably has a status of FTDN (fault tolerant with a down disk), CRIT (critical), or OFFL (offline), depending on the RAID level and the number of disks that failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Look for another event logged at approximately the same time that indicates a disk failure, such as event 55, 58, or 412. Follow the recommended actions for that event.

- **FQXST0007M In a testing environment, a controller diagnostic failed and reported a product-specific diagnostic code.**

**Explanation**

In a testing environment, a controller diagnostic failed and reported a product-specific diagnostic code.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Perform failure analysis.

- **FQXST0008W A disk group is down, a disk group failed, or a disk group reported that it has no life remaining.**

**Explanation**

One of the following conditions has occurred: A disk that was part of a disk group is down. The specified disk in the specified disk group failed and the disk group probably has a status of FTDN (fault tolerant with a down disk), CRIT (critical), or OFFL (offline), depending on the RAID level and the number of disks that failed. If a spare is present and the disk group is not offline, the controller automatically uses the spare to reconstruct the disk group. Subsequent events indicate the changes that happen to the disk group. When the problem is resolved, event 9 is logged. Reconstruction of a disk group failed. The specified disk was being used as the target disk for reconstructing the specified disk group. While the disk group was being reconstructed, another disk in the disk group failed and the status of the disk group went to OFFL (offline) The specified disk has a status of LEFTOVR (leftover). An SSD that was part of a disk group has reported that it has no life remaining. The specified disk in the specified disk group failed and the disk group probably has a status of FTDN (fault tolerant with a down disk), CRIT (critical), or OFFL (offline), depending on the RAID level and the number of disks that failed. If a spare is present and the disk group is not offline, the controller automatically uses the spare to reconstruct the disk group. Subsequent events indicate the changes that happen to the disk group. When the problem is resolved, event 9 is logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- If a disk that was part of a disk group is down:
  1. If the specified disk failed for one of these reasons: excessive media errors, imminent disk failure, possible hardware failure, disk is not supported, too many controller-recoverable errors, illegal request, or due to being degraded, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
  2. If the specified disk failed because a user forced the disk out of the disk group, RAID-6 initialization failed, or for an unknown reason:
    - a. If the associated disk group is offline or quarantined, contact Support.
    - b. Otherwise, clear the metadata for the disk to reuse the disk.
  3. If the specified disk failed because a previously detected disk is no longer present:
    - a. Reinsert the disk or insert a replacement disk of the same type (SAS SSD, enterprise SAS, or dline SAS) and the same or greater capacity as the one that was in the slot. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
    - b. If the disk then has a status of leftover (LEFTOVR), clear the metadata to reuse the disk.
    - c. If the associated disk group is offline or quarantined, contact Support.
- If reconstruction of a disk group failed:
  1. If the associated disk group is online, clear the specified disk's metadata so that the disk can be re-used.
  2. If the associated disk group is offline, the CLI trust command may be able to recover some or all of the data in the disk group. However, trusting a partially reconstructed disk may lead to data corruption. See the CLI help for the trust command. Contact technical support for help to determine if the trust operation applies to your situation and for help to perform it.

3. If the associated disk group is offline and you do not want to use the trust command, perform these steps:
  - a. Delete the disk group (remove disk-groups CLI command).
  - b. Clear the specified disk's metadata so the disk can be re-used (clear disk-metadata CLI command).
  - c. Replace the failed disk or disks. (Look for other instances of event 8 in the event log to determine which disks failed.)
  - d. Re-create the disk group (add disk-group CLI command).
- If an SSD that was part of a disk group has reported that it has no life remaining, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0009I The specified spare disk has been used in the specified disk group to bring it back to a fault-tolerant status.**

**Explanation**

Disk group reconstruction starts automatically. This event indicates that a problem reported by event 8 is resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0016I The specified disk has been designated as a global spare.**

**Explanation**

The specified disk has been designated as a global spare.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0018I Disk group reconstruction completed.**

**Explanation**

Disk group reconstruction completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0019I A rescan has completed.**

**Explanation**

A rescan has completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0020I Storage Controller firmware has been updated.**

**Explanation**

Storage Controller firmware has been updated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0021I Disk group verification succeeded, failed immediately, or was halted by a user.**

**Explanation**

Disk group verification succeeded, failed immediately, or was halted by a user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0021M Disk group verification completed. Errors were found but not corrected.**

**Explanation**

Disk group verification completed. Errors were found but not corrected.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Perform a disk group scrub to find and correct the errors.

- **FQXST0021W Disk group verification did not complete due to an internally detected condition, such as a failed disk. If a disk fails, data might be at risk.**

**Explanation**

Disk group verification did not complete due to an internally detected condition, such as a failed disk. If a disk fails, data might be at risk.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Resolve any non-disk hardware problems, such as a cooling problem or a faulty controller module, expansion module, or power supply.
2. Check whether any disks in the disk group have logged SMART events or unrecoverable read errors.
  - If so, and the disk group is a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disks.
  - If so, and the disk group is a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data because data might be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then add the disk group back again.

- **FQXST0023I Disk group creation started.**

**Explanation**

Disk group creation started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0025I Disk group statistics were reset.**

**Explanation**

Disk group statistics were reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**



No

**User Action**

Information only; no action is required.

- **FQXST0028I Controller parameters were changed.**

**Explanation**

This event is logged when changes are made to the general configuration, such as utility priority, remote notification settings, user interface passwords, and network port IP values. This event is not logged when changes are made to disk group or volume configuration.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0031I The specified disk is no longer a global or dedicated spare.**

**Explanation**

The specified disk is no longer a global or dedicated spare.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0032I Disk group verification started.**

**Explanation**

Disk group verification started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0033I Controller time and date were changed.**

**Explanation**

This event is logged before the change happens, so the timestamp of the event shows the old time. This event might occur often if NTP is enabled

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0034I The controller configuration has been restored to factory defaults.**

**Explanation**

The controller configuration has been restored to factory defaults.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0037I Disk group reconstruction started. When complete, event 18 is logged.**

**Explanation**

Disk group reconstruction started. When complete, event 18 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0039W The sensors monitored a temperature or voltage in the warning range. When the problem is resolved, event 47 is logged for the component that logged event 39.**

**Explanation**

If the event refers to a disk sensor, disk behavior may be unpredictable in this temperature range.

Check the event log to determine if more than one disk has reported this event. If multiple disks report this condition there could be a problem in the environment. If one disk reports this condition, there could be a problem in the environment or the disk has failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the storage system's fans are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5-40\ufffd C (41\ufffd F-104\ufffd F).

3. Check for any obstructions to the airflow.
4. Check that there is a module or blank plate in every module slot in the enclosure.
5. If none of the above explanations apply, replace the disk or controller module that logged the error.

- **FQXST0040M The sensors monitored a temperature or voltage in the failure range. When the problem is resolved, event 47 is logged for the component that logged event 40.**

**Explanation**

The sensors monitored a temperature or voltage in the failure range. When the problem is resolved, event 47 is logged for the component that logged event 40.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the storage system's fans are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5-40\ \ufffd C (41\ \ufffd F-104\ \ufffd F).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module bay in the enclosure.
5. If none of the above explanations apply, replace the disk or controller module that logged the error.

- **FQXST0041I The specified disk was designated a spare for the specified disk group.**

**Explanation**

The specified disk was designated a spare for the specified disk group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0043I The specified disk group was deleted.**

**Explanation**

The specified disk group was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0044W The controller contains cache data for the specified volume but the corresponding disk group is not online.**

**Explanation**

The controller contains cache data for the specified volume but the corresponding disk group is not online.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Determine the reason that the disks comprising the disk group are not online.
2. If an enclosure is down, determine corrective action.
3. If the disk group is no longer needed, you can clear the orphan data. This will result in lost data.
4. If the disk group is missing and was not intentionally removed, see Resources for diagnosing and resolving problems on page 6.

- **FQXST0047I An error detected by the sensors has been cleared. This event indicates that a problem reported by event 39 or 40 is resolved.**

**Explanation**

An error detected by the sensors has been cleared. This event indicates that a problem reported by event 39 or 40 is resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0048I The specified disk group was renamed.**

**Explanation**

The specified disk group was renamed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0049I A lengthy SCSI maintenance command has completed. (This typically occurs during a disk firmware update.)**

**Explanation**

A lengthy SCSI maintenance command has completed. (This typically occurs during a disk firmware update.)

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0050M A correctable ECC error occurred in cache memory more than 10 times during a 24-hour period, indicating a probable hardware fault.**

**Explanation**

A correctable ECC error occurred in cache memory more than 10 times during a 24-hour period, indicating a probable hardware fault.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0050W A correctable ECC error occurred in cache memory.**

**Explanation**

This event is logged with a severity of Warning to provide information that may be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXST0051M An uncorrectable ECC error occurred in cache memory more than once during a 48-hour period, indicating a probable hardware fault.**

**Explanation**

An uncorrectable ECC error occurred in cache memory more than once during a 48-hour period, indicating a probable hardware fault.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0051W An uncorrectable ECC error occurred in cache memory.**

**Explanation**

This event is logged with a severity of Warning to provide information that may be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXST0052I Disk group expansion started.**

**Explanation**

This operation can take days, or weeks in some cases, to complete. Allow adequate time for the expansion to complete. When complete, event 53 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0053I Disk group expansion completed, failed immediately, or was halted by a user.**

**Explanation**

Disk group expansion completed, failed immediately, or was halted by a user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0053W Too many errors occurred during disk group expansion to allow the expansion to continue.**

**Explanation**

Too many errors occurred during disk group expansion to allow the expansion to continue.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the expansion failed because of a disk problem, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing. If disk group reconstruction starts, wait for it to complete and then retry the expansion.

- **FQXST0055W The specified disk reported a SMART event.**

**Explanation**

A SMART event indicates impending disk failure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Resolve any non-disk hardware problems, especially a cooling problem or a faulty power supply.
2. If the disk is in a disk group that uses a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disk.
3. If the disk is in a disk group that uses a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data because data might be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then re-add the disk group.

- **FQXST0056I A controller powered up or restarted.**

**Explanation**

A controller powered up or restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0058I A disk drive reported an event.**

**Explanation**

A disk drive reported an event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0058M A disk drive detected a serious error, such as a parity error or disk hardware failure.**

**Explanation**

A disk drive detected a serious error, such as a parity error or disk hardware failure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the failed disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0058W A disk drive reset itself due to an internal logic error.**

**Explanation**

A disk drive reset itself due to an internal logic error.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. The first time this event is logged with a severity of Warning, update the disk firmware if the specified disk is not running the latest firmware.
2. If this event is logged with severity of Warning for the same disk more than five times in one week, and the specified disk is running the latest firmware, replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0059I The controller detected a non-parity error while communicating with the specified SCSI device. The error was detected by the controller, not the disk.**

**Explanation**

The controller detected a non-parity error while communicating with the specified SCSI device. The error was detected by the controller, not the disk.

**Severity**



Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0059W The controller detected a parity event while communicating with the specified SCSI device. The event was detected by the controller, not the disk.**

**Explanation**

The controller detected a parity event while communicating with the specified SCSI device. The event was detected by the controller, not the disk.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the event indicates that a disk or an expansion module is bad, replace the specified device.

- **FQXST0061M The controller reset a disk channel to recover from a communication error. This event is logged to identify an error trend over time.**

**Explanation**

The controller reset a disk channel to recover from a communication error. This event is logged to identify an error trend over time.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If the controller recovers, no action is required.
2. View other logged events to determine other actions to take.

- **FQXST0062W The specified global or dedicated spare disk failed.**

**Explanation**

The specified global or dedicated spare disk failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
  - If the failed disk was a global spare, configure the new disk as a global spare.
  - If the failed disk was a dedicated spare, configure the new disk as a dedicated spare for the same disk group.

- **FQXST0065M An uncorrectable ECC error occurred in cache memory on startup.**

**Explanation**

The controller is restarted automatically and its cache data are restored from the partner controller's cache.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0068I The controller that logged this event is shut down, or both controllers are shut down.**

**Explanation**

The controller that logged this event is shut down, or both controllers are shut down.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0071I The controller started or completed failing over.**

**Explanation**

The controller started or completed failing over.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0072I After failover, recovery has started or completed.**

**Explanation**

After failover, recovery has started or completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0073I The two controllers are communicating with each other and cache redundancy is enabled.**

**Explanation**

The two controllers are communicating with each other and cache redundancy is enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0074I The FC loop ID for the specified disk group was changed to be consistent with the IDs of other disk groups.**

**Explanation**

This can occur when disks that constitute a disk group are inserted from an enclosure having a different FC loop ID. This event is also logged by the new owning controller after disk group ownership is changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0075I The specified volume's LUN (logical unit number) has been unassigned because it conflicts with LUNs assigned to other volumes. This can happen when disks containing data for a mapped volume are moved from one storage system to another.**

**Explanation**

The specified volume's LUN (logical unit number) has been unassigned because it conflicts with LUNs assigned to other volumes. This can happen when disks containing data for a mapped volume are moved from one storage system to another.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0076I The controller is using default configuration settings. This event occurs on the first power up, and might occur after a firmware update.**

**Explanation**

The controller is using default configuration settings. This event occurs on the first power up, and might occur after a firmware update.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0077I The cache was initialized as a result of power up or failover.**

**Explanation**

The cache was initialized as a result of power up or failover.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0078W The controller could not use an assigned spare for a disk group because the spare's capacity is too small.**

**Explanation**

This occurs when a disk in the disk group fails, there is no dedicated spare available and all global spares are too small or, if the dynamic spares feature is enabled, all global spares and available disks are too small. It can also occur if there is no spare of the correct type. There may be more than one failed disk in the system.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Replace each failed disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.
2. Configure disks as dedicated spares or global spares.

- For a dedicated spare, the disk must be of the same type as the other disks in the disk group and at least as large as the smallest-capacity disk in the disk group, and it should have the same or better performance.
- For a global spare, it is best to choose a disk that is as big as or bigger than the largest disk of its type in the system and of equal or greater performance. If the system contains a mix of disk types (SAS SSD, enterprise SAS, or midline SAS), there should be at least one global spare of each type (unless dedicated spares are used to protect every disk group of a given type).

- **FQXST0079I A trust operation completed for the specified disk group.**

**Explanation**

A trust operation completed for the specified disk group.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0080I The controller enabled or disabled the specified parameters for one or more disks.**

**Explanation**

The controller enabled or disabled the specified parameters for one or more disks.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0081I The current controller has restarted the partner controller. The other controller will restart.**

**Explanation**

The current controller has restarted the partner controller. The other controller will restart.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0083I The partner controller is shutting down or restarting.**

**Explanation**

The partner controller is shutting down or restarting.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0084W The current controller that logged this event forced the partner controller to fail over.**

**Explanation**

The current controller that logged this event forced the partner controller to fail over.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0086I Host-port or disk-channel parameters were changed.**

**Explanation**

Host-port or disk-channel parameters were changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0087W The mirrored configuration retrieved by this controller from the partner controller has a bad cyclic redundancy check (CRC). The local flash configuration will be used instead.**

**Explanation**

The mirrored configuration retrieved by this controller from the partner controller has a bad cyclic redundancy check (CRC). The local flash configuration will be used instead.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restore the default configuration by using the restore defaults command, as described in the CLI Reference Guide.

- **FQXST0088W The mirrored configuration retrieved by this controller from the partner controller is corrupt. The local flash configuration will be used instead.**

**Explanation**

The mirrored configuration retrieved by this controller from the partner controller is corrupt. The local flash configuration will be used instead.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Restore the default configuration by using the restore defaults command, as described in the CLI Reference Guide.

- **FQXST0089W The mirrored configuration retrieved by this controller from the partner controller has a configuration level that is too high for the firmware in this controller to process. The local flash configuration will be used instead.**

**Explanation**

The mirrored configuration retrieved by this controller from the partner controller has a configuration level that is too high for the firmware in this controller to process. The local flash configuration will be used instead.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The current controller that logged this event probably has down-level firmware. Update the firmware in the down-level controller. Both controllers should have the same firmware versions. When the problem is resolved, event 20 is logged.

- **FQXST0090I The partner controller does not have a mirrored configuration image for the current controller, so the current controller's local flash configuration is being used.**

**Explanation**

This event is expected if the other controller is new or its configuration has been changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0091M In a testing environment, the diagnostic that checks hardware reset signals between controllers in Active-Active mode failed.**

**Explanation**

In a testing environment, the diagnostic that checks hardware reset signals between controllers in Active-Active mode failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Perform failure analysis.

- **FQXST0095M Both controllers in an Active-Active configuration have the same serial number. Non-unique serial numbers can cause system problems. For example, WWNs are determined by serial number.**

**Explanation**

Both controllers in an Active-Active configuration have the same serial number. Non-unique serial numbers can cause system problems. For example, WWNs are determined by serial number.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Remove one of the controller modules and insert a replacement. Then return the removed module to be reprogrammed.

- **FQXST0096I Pending configuration changes that take effect at startup were ignored because customer data might be present in cache.**

**Explanation**

Pending configuration changes that take effect at startup were ignored because customer data might be present in cache.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0103I The name was changed for the specified volume.**

**Explanation**

The name was changed for the specified volume.

**Severity**

Informational

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0104I The size was changed for the specified volume.**

**Explanation**

The size was changed for the specified volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0105I The default LUN (logical unit number) was changed for the specified volume.**

**Explanation**

The default LUN (logical unit number) was changed for the specified volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0106I The specified volume was added to the specified pool.**

**Explanation**

The specified volume was added to the specified pool.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0107M A serious error was detected by the controller. In a single-controller configuration, the controller will restart automatically. In an Active-Active configuration, the partner controller will stop the controller that experienced the error.**

**Explanation**

A serious error was detected by the controller. In a single-controller configuration, the controller will restart automatically. In an Active-Active configuration, the partner controller will stop the controller that experienced the error.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0108I The specified volume was deleted from the specified pool.**

**Explanation**

The specified volume was deleted from the specified pool.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0109I The statistics for the specified volume were reset.**

**Explanation**

The statistics for the specified volume were reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0110I Ownership of the specified disk group was transferred to the other controller.**

**Explanation**

Ownership of the specified disk group was transferred to the other controller.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0111I The link for the specified host port is up.**

**Explanation**

This event indicates that a problem reported by event 112 is resolved. For a system with FC ports, this event also appears after loop initialization.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0112I The link for the specified host port went down because the controller is starting up.**

**Explanation**

The link for the specified host port went down because the controller is starting up.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0112W The link for the specified host port went down unexpectedly.**

**Explanation**

The link for the specified host port went down unexpectedly.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Look for a corresponding event 111 and monitor excessive transitions, which indicate a host-connectivity or switch problem. If this event occurs more than eight times per hour, it should be investigated.

This event is probably caused by equipment outside of the storage system, such as faulty cabling or a faulty switch. If the problem is not outside of the storage system, replace the controller module that logged this event.

- **FQXST0114I The link for the specified disk-channel port is down. Note that events 114 and 211 are logged whenever a user-requested rescan occurs and do not indicate an error.**

**Explanation**

The link for the specified disk-channel port is down. Note that events 114 and 211 are logged whenever a user-requested rescan occurs and do not indicate an error.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0116M After a recovery, the partner controller was stopped while mirroring write-back cache data to the controller that logged this event. The controller that logged this event was restarted to avoid losing the data in the partner controller's cache, but if the other controller does not restart successfully, the data will be lost.**

**Explanation**

After a recovery, the partner controller was stopped while mirroring write-back cache data to the controller that logged this event. The controller that logged this event was restarted to avoid losing the data in the partner controller's cache, but if the other controller does not restart successfully, the data will be lost.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

To determine if data might have been lost, check whether this event was immediately followed by event 56 (Storage Controller booted up), closely followed by event 71 (failover started). The failover indicates that the restart did not succeed.

- **FQXST0117W This controller module detected or generated an error on the specified host channel.**

**Explanation**

This controller module detected or generated an error on the specified host channel.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Restart the Storage Controller that logged this event.
2. If more errors are detected, check the connectivity between the controller and the attached host.
3. If more errors are generated, shut down the Storage Controller and replace the controller module.

- **FQXST0118I Cache parameters have been changed for the specified volume.**

**Explanation**

Cache parameters have been changed for the specified volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0127W The controller detected a disk dual-port connection that is not valid. This event indicates that a controller host port is connected to an expansion port, instead of to a port on a host or a switch.**

**Explanation**

The controller detected a disk dual-port connection that is not valid. This event indicates that a controller host port is connected to an expansion port, instead of to a port on a host or a switch.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Disconnect the host port and expansion port from each other and connect them to the proper devices.

- **FQXST0136W Errors detected on the specified disk channel have caused the controller to mark the channel as degraded.**

**Explanation**

Errors detected on the specified disk channel have caused the controller to mark the channel as degraded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Determine the source of the errors on the specified disk channel and replace the faulty hardware. When the problem is resolved, event 189 is logged.

- **FQXST0139I The Management Controller (MC) powered up or restarted.**

**Explanation**

The Management Controller (MC) powered up or restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0140I The Management Controller is about to restart.**

**Explanation**

The Management Controller is about to restart.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0141I This event is logged when the IP address used for management of the system has been changed by a user or by a DHCP server (if DHCP is enabled). This event is also logged during power up or failover recovery, even when the address has not changed.**

**Explanation**

This event is logged when the IP address used for management of the system has been changed by a user or by a DHCP server (if DHCP is enabled). This event is also logged during power up or failover recovery, even when the address has not changed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0152I The Management Controller (MC) has not communicated with the Storage Controller (SC) for 160 seconds.**

**Explanation**

If communication is restored in less than 15 minutes, event 153 is logged. If the problem persists, this event is logged a second time with a severity of Warning.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0152W The Management Controller (MC) has not communicated with the Storage Controller (SC) for 15 minutes and might have failed.**

**Explanation**

This event is initially logged as informational severity. If the problem persists, this event is logged a second time as warning severity and the MC is automatically restarted in an attempt to recover from the problem. Event 156 is then logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If this event is logged only one time with a severity of Warning, no action is required.
  2. If this event is logged more than one time with a severity of Warning, complete the following steps:
    - a. If you are now able to access the management interfaces of the controller that logged this event, do the following:
      - 1) Check the version of the controller firmware and update to the latest firmware if needed.
      - 2) If the latest firmware is already installed, the controller module that logged this event probably has a hardware fault. Replace the module.
    - b. If you are not able to access the management interfaces of the controller that logged this event, do the following:
      - 1) Shut down that controller and reseal the module.
      - 2) If you are then able to access the management interfaces, check the version of the controller firmware and update to the latest firmware if needed.
      - 3) If the problem recurs, replace the module.
- **FQXST0153I The Management Controller (MC) re-established communication with the Storage Controller (SC).**

**Explanation**

The Management Controller (MC) re-established communication with the Storage Controller (SC).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0154I New firmware was loaded in the Management Controller (MC).**

**Explanation**

New firmware was loaded in the Management Controller (MC).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0155I New loader firmware was loaded in the Management Controller (MC).**

**Explanation**

New loader firmware was loaded in the Management Controller (MC).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0156I The Management Controller (MC) was restarted from the Storage Controller (SC) in a normal case, such as when initiated by a user.**

**Explanation**

The Management Controller (MC) was restarted from the Storage Controller (SC) in a normal case, such as when initiated by a user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0156W The Management Controller (MC) was restarted from the Storage Controller (SC) for the purpose of error recovery.**

**Explanation**

The Management Controller (MC) was restarted from the Storage Controller (SC) for the purpose of error recovery.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

See the recommended actions for event 152, which is logged at approximately the same time.

- **FQXST0157M A failure occurred when trying to write to the Storage Controller (SC) flash chip.**

**Explanation**

A failure occurred when trying to write to the Storage Controller (SC) flash chip.

**Severity**

Critical

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0158M A correctable ECC error occurred in Storage Controller CPU memory more than once during a 12-hour period, indicating a probable hardware fault.**

**Explanation**

A correctable ECC error occurred in Storage Controller CPU memory more than once during a 12-hour period, indicating a probable hardware fault.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0158W A correctable ECC error occurred in Storage Controller CPU memory.**

**Explanation**

This event is logged with warning severity to provide information that may be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXST0161C One or more enclosures do not have a valid path to an enclosure management processor (EMP). All enclosure EMPs are disabled.**

**Explanation**

One or more enclosures do not have a valid path to an enclosure management processor (EMP). All enclosure EMPs are disabled.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0162W The host WWNs (node and port) previously presented by this controller module are unknown.**

**Explanation**

In a dual-controller system this event has two possible causes: One or both controller modules have been replaced or moved while the system was powered off. One or both controller modules have had their flash configuration cleared (this is where the previously used WWNs are stored). The controller module recovers from this situation by generating a WWN based on its own serial number.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the controller module was replaced or someone reprogrammed its FRU ID data, verify the WWN information for this controller module on all hosts that access it.

- **FQXST0163W The host WWNs (node and port) previously presented by the partner controller module, which is currently offline, are unknown.**

**Explanation**

This event has two possible causes: The online controller module reporting the event was replaced or moved while the system was powered off. The online controller module had its flash configuration (where previously used WWNs are stored) cleared. The online controller module recovers from this situation by generating a WWN based on its own serial number for the other controller module.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the controller module was replaced or someone reprogrammed its FRU ID data, verify the WWN information for the other controller module on all hosts that access it.

- **FQXST0166W The RAID metadata level of the two controllers does not match, which indicates that the controllers have different firmware levels.**

**Explanation**

Usually, the controller at the higher firmware level can read metadata written by a controller at a lower firmware level. The reverse is typically not true. Therefore, if the controller at the higher firmware level failed, the other controller at the lower firmware level cannot read the metadata in disks that have failed over.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If this occurs after a firmware update, it indicates that the metadata format changed, which is rare. Update the controller with the lower firmware level to match the firmware level in the other controller.

- **FQXST0167W A diagnostic test at controller boot detected an abnormal operation, which might require a power cycle to correct.**

**Explanation**

A diagnostic test at controller boot detected an abnormal operation, which might require a power cycle to correct.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0170I The last rescan detected that the specified enclosure was added to the system.**

**Explanation**

The last rescan detected that the specified enclosure was added to the system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0171I The last rescan detected that the specified enclosure was removed from the system.**

**Explanation**

The last rescan detected that the specified enclosure was removed from the system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0172W The specified disk group was quarantined because some its disks are not accessible.**

**Explanation**

The specified disk group was quarantined because some its disks are not accessible.

**Severity**

Critical

**Serviceable with log**

No

## Automatically Notify Support

No

### User Action

1. If event 173 has subsequently been logged for the specified disk group, no action is required. The disk group has already been removed from quarantine.
2. Otherwise, perform the following actions:
  - a. Check that all enclosures are powered on.
  - b. Check that all disks and I/O modules in every enclosure are fully seated in their slots and that their latches are locked.
  - c. Reseat any disks in the quarantined disk group that are reported as missing or failed in the user interface. (Do NOT remove and reinsert disks that are not members of the disk group that is quarantined.)
  - d. Check that the SAS expansion cables are connected between each enclosure in the storage system and that they are fully seated. (Do NOT remove and reinsert the cables because this can cause problems with additional disk groups.)
  - e. Check that no disks have been removed from the system unintentionally.
  - f. Check for other events that indicate faults in the system and follow the recommended actions for those events. But, if the event indicates a failed disk and the recommended action is to replace the disk, do NOT replace the disk at this time because it may be needed later for data recovery.
  - g. If the disk group is still quarantined after performing the above steps, shut down both controllers and then power down the entire storage system. Power it back up, beginning with any disk enclosures (expansion enclosures), then the controller enclosure.
  - h. If the disk group is still quarantined after performing the above steps, contact technical support.

- **FQXST0173I The specified disk group was removed from quarantine.**

### Explanation

The specified disk group was removed from quarantine.

### Severity

Informational

### Serviceable with log

No

## Automatically Notify Support

No

### User Action

Information only; no action is required.

- **FQXST0174I An enclosure or disk firmware update has succeeded, been aborted by a user, or failed. If the firmware update fails, the user will be notified about the problem immediately and should take care of the problem at that time, so even when there is a failure, this event is logged as with a severity of Informational.**

### Explanation

An enclosure or disk firmware update has succeeded, been aborted by a user, or failed. If the firmware update fails, the user will be notified about the problem immediately and should take care of the problem at that time, so even when there is a failure, this event is logged as with a severity of Informational.

### Severity

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0175I The network-port Ethernet link for the specified controller is up or down.**

**Explanation**

The network-port Ethernet link for the specified controller is up or down.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0176I The error statistics for the specified disk have been reset.**

**Explanation**

The error statistics for the specified disk have been reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0177I Cache data was purged for the specified missing volume.**

**Explanation**

Cache data was purged for the specified missing volume.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0181I One or more configuration parameters associated with the Management Controller (MC) were changed, such as the configuration for SNMP, SMI-S, email notification, and system strings (system name, system location, etc.).**

**Explanation**

One or more configuration parameters associated with the Management Controller (MC) were changed, such as the configuration for SNMP, SMI-S, email notification, and system strings (system name, system location, etc.).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0182I All disk channels have been paused. I/O will not be performed on the disks until all channels are unpaused.**

**Explanation**

All disk channels have been paused. I/O will not be performed on the disks until all channels are unpaused.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0183I All disk channels have been unpaused, meaning that I/O can resume. An unpauses initiates a rescan, which when complete is logged as event 19. This event indicates that the pause reported by event 182 has ended.**

**Explanation**

All disk channels have been unpaused, meaning that I/O can resume. An unpauses initiates a rescan, which when complete is logged as event 19. This event indicates that the pause reported by event 182 has ended.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0185I An enclosure management processor (EMP) write command completed.**

**Explanation**

An enclosure management processor (EMP) write command completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0186I Enclosure parameters were changed by a user.**

**Explanation**

Enclosure parameters were changed by a user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0187I The write-back cache is enabled. Event 188 is the corresponding event that is logged when write-back cash is disabled.**

**Explanation**

The write-back cache is enabled. Event 188 is the corresponding event that is logged when write-back cash is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0188I Write-back cache is disabled. Event 187 is the corresponding even that is logged when write-back cache is disabled.**

**Explanation**

Write-back cache is disabled. Event 187 is the corresponding even that is logged when write-back cache is disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0189I A disk channel that was previously degraded or failed is now healthy.**

**Explanation**

A disk channel that was previously degraded or failed is now healthy.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0190I The controller module's supercapacitor pack has started charging.**

**Explanation**

This change met a condition to trigger the auto-write-through feature, which has disabled write-back cache and put the system in write-through mode. When the fault is resolved, event 191 is logged to indicate that write-back mode has been restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0191I The auto-write-through trigger event that caused event 190 to be logged has been resolved.**

**Explanation**

The auto-write-through trigger event that caused event 190 to be logged has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0192I The controller module's temperature has exceeded the normal operating range.**

**Explanation**

This change met a condition to trigger the auto-write-through feature, which has disabled write-back cache and put the system in write-through mode. When the fault is resolved, event 193 is logged to indicate that write-back mode has been restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No



**User Action**

Information only; no action is required.

- **FQXST0193I The auto-write-through trigger event that caused event 192 to be logged has been resolved.**

**Explanation**

The auto-write-through trigger event that caused event 192 to be logged has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0194I The Storage Controller in the partner controller module is not up.**

**Explanation**

This indicates that a trigger condition has occurred that has caused the auto-write-through feature to disable write-back cache and put the system in write-through mode. When the fault is resolved, event 195 is logged to indicate that write-back mode has been restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0195I The auto-write-through trigger event that caused event 194 to be logged has been resolved.**

**Explanation**

The auto-write-through trigger event that caused event 194 to be logged has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0198I A power supply failed.**

**Explanation**

This indicates that a trigger condition has occurred that has caused the auto-write-through feature to disable write-back cache and put the system in write-through mode. When the fault is resolved, event 199 is logged to indicate that write-back mode has been restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0199I The auto-write-through trigger event that caused event 198 to be logged has been resolved.**

**Explanation**

The auto-write-through trigger event that caused event 198 to be logged has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0200I A fan failed.**

**Explanation**

This indicates that a trigger condition has occurred that has caused the auto-write-through feature to disable write-back cache and put the system in write-through mode. When the fault is resolved, event 201 is logged to indicate that write-back mode has been restored.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0201I The auto-write-through trigger event that caused event 200 to be logged has been resolved.**

**Explanation**

The auto-write-through trigger event that caused event 200 to be logged has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0202I An auto-write-through trigger condition has been cleared, causing write-back cache to be re-enabled. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, and 241.)**

**Explanation**

An auto-write-through trigger condition has been cleared, causing write-back cache to be re-enabled. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, and 241.)

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0203W An environmental change occurred that allows write-back cache to be enabled, but the auto-write-back preference is not set. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, or 241).**

**Explanation**

An environmental change occurred that allows write-back cache to be enabled, but the auto-write-back preference is not set. The environmental change is also logged at approximately the same time as this event (event 191, 193, 195, 199, 201, or 241).

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Enable write-back cache manually.

- **FQXST0204I The system came up normally, and the NV device is in a normal expected state.**

**Explanation**

This event will be logged as an Error or Warning event if any user action is required.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0204M An error occurred with either the NV device itself or the transport mechanism. The system may attempt to recover itself.**

**Explanation**

The CompactFlash card is used for backing up unwritten cache data when a controller goes down unexpectedly, such as when a power failure occurs. This event is generated when the Storage Controller (SC) detects a problem with the CompactFlash as it is booting up.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Restart the Storage Controller that logged this event.
  2. If this event is logged again, shut down the Storage Controller and replace the CompactFlash.
  3. If this event is logged again, shut down the Storage Controller and replace the controller module.
- **FQXST0204W While starting, the system found an issue with the NV device. The system will attempt to recover itself.**

**Explanation**

The CompactFlash card is used for backing up unwritten cache data when a controller goes down unexpectedly, such as when a power failure occurs. This event is generated when the Storage Controller (SC) detects a problem with the CompactFlash as it is booting.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Restart the Storage Controller that logged this event.
  2. If this event is logged again, shut down the Storage Controller and replace the controller module.
- **FQXST0205I The specified volume has been mapped or unmapped.**

**Explanation**

The specified volume has been mapped or unmapped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0206I Disk group scrub started.**

**Explanation**

The scrub checks disks in the disk group for the following types of errors: Data parity errors for a RAID 3, 5, 6, or 50 disk group. Mirror verify errors for a RAID 1 or RAID 10 disk group. Media errors for

all RAID levels including RAID 0 and non-RAID disk groups. When errors are detected, they are automatically corrected. When the scrub is complete, event 207 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0207I Disk group scrub completed or was stopped by a user.**

**Explanation**

This event is logged as a severity of Informational when fewer than 100 parity or mirror mismatches are found and corrected during a scrub. For non-fault-tolerant RAID levels (RAID 0 and non-RAID), media errors might indicate loss of data.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0207M Disk group scrub completed and found an excessive number of errors for the specified disk group.**

**Explanation**

This event is logged as Error severity when more than 100 parity or mirror mismatches are found and corrected during a scrub or when 1 to 99 parity or mirror mismatches are found and corrected during each of 10 separate scrubs of the same disk group. For non-fault-tolerant RAID levels (RAID 0 and non-RAID), media errors might indicate loss of data.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Resolve any non-disk hardware problems, such as a cooling problem or a faulty controller module, expansion module, or power supply.
2. Check whether any disks in the disk group have logged SMART events or unrecoverable read errors.
  - If so, and the disk group is a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disks.
  - If so, and the disk group is a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data as data may be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back

up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then re-add the disk group.

- **FQXST0207W Disk group scrub did not complete because of an internally detected condition, such as a failed disk.**

**Explanation**

If a disk fails, data might be at risk.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Resolve any non-disk hardware problems, such as a cooling problem or a faulty controller module, expansion module, or power supply.
2. Check whether any disks in the disk group have logged SMART events or unrecoverable read errors.
  - If so, and the disk group is a non-fault-tolerant RAID level (RAID 0 or non-RAID), copy the data to a different disk group and replace the faulty disks.
  - If so, and the disk group is a fault-tolerant RAID level, check the current state of the disk group. If it is not FTOL, back up the data as data may be at risk. If it is FTOL, replace the specified disk. If more than one disk in the same disk group has logged a SMART event, back up the data and replace each disk one at a time. In virtual storage it may be possible to remove the affected disk group, which will drain its data to another disk group, and then re-add the disk group.

- **FQXST0208I A scrub-disk job started for the specified disk. The result will be logged with event 209.**

**Explanation**

A scrub-disk job started for the specified disk. The result will be logged with event 209.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0209I A scrub-disk job logged with event 208 has completed and found no errors, a disk being scrubbed (with no errors found) has been added to a disk group, or a user has stopped the job.**

**Explanation**

A scrub-disk job logged with event 208 has completed and found no errors, a disk being scrubbed (with no errors found) has been added to a disk group, or a user has stopped the job.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0209M A scrub-disk job logged with event 208 has completed and found one or more media errors, SMART events, or hard (non-media) errors. If this disk is used in a non-fault-tolerant disk group, data might have been lost.**

**Explanation**

A scrub-disk job logged with event 208 has completed and found one or more media errors, SMART events, or hard (non-media) errors. If this disk is used in a non-fault-tolerant disk group, data might have been lost.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0209W A scrub-disk job logged with event 208 has been stopped by a user, or has reassigned a disk block. These bad-block replacements are reported as "other errors". If this disk is used in a non-fault-tolerant disk group, data might have been lost.**

**Explanation**

A scrub-disk job logged with event 208 has been stopped by a user, or has reassigned a disk block. These bad-block replacements are reported as "other errors". If this disk is used in a non-fault-tolerant disk group, data might have been lost.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Monitor the error trend to determine whether the number of errors approaches the total number of bad-block replacements available.

- **FQXST0211I SAS topology has changed. The number of SAS expanders has increased or decreased.**

**Explanation**

The message specifies the number of elements in the SAS map, the number of expanders detected, the number of expansion levels on the native (local controller) side and on the partner (partner controller) side, and the number of device PHYs.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0211W SAS topology has changed. No elements are detected in the SAS map.**

**Explanation**

The message specifies the number of elements in the SAS map, the number of expanders detected, the number of expansion levels on the native (local controller) side and on the partner (partner controller) side, and the number of device PHYs.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Perform a rescan to repopulate the SAS map.
2. If a rescan does not resolve the problem, shut down and restart both Storage Controllers.
3. If the problem persists, see Resources for diagnosing and resolving problems on page 6.

- **FQXST0216I An uncommitted snapshot has been deleted. Removal of the specified snapshot completed successfully.**

**Explanation**

An uncommitted snapshot has been deleted. Removal of the specified snapshot completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0217M A supercapacitor failure occurred in the controller.**

**Explanation**

A supercapacitor failure occurred in the controller.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Replace the controller module that logged this event.

- **FQXST0218W The supercapacitor pack is near the end of life.**

**Explanation**

The supercapacitor pack is near the end of life.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module reporting this event.

- **FQXST0219I Utility priority was changed by a user.**

**Explanation**

Utility priority was changed by a user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0232W The maximum number of enclosures allowed for the current configuration has been exceeded.**

**Explanation**

The platform does not support the number of enclosures that are configured. The enclosure specified by this event has been removed from the configuration.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Reconfigure the system.

- **FQXST0233W The specified disk type is not valid and is not allowed in the current configuration.**

**Explanation**

All disks of the disallowed type have been removed from the configuration.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the disallowed disks with ones that are supported.

- **FQXST0235I An enclosure management processor (EMP) reported an event.**

**Explanation**

An enclosure management processor (EMP) reported an event.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0235M An enclosure management processor (EMP) detected a serious error.**

**Explanation**

An enclosure management processor (EMP) detected a serious error.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the specified controller module or expansion module.

- **FQXST0236I A special shutdown operation started. These special shutdown operations are used as part of the firmware-update process.**

**Explanation**

A special shutdown operation started. These special shutdown operations are used as part of the firmware-update process.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0236M A special shutdown operation started. These special shutdown operations indicate an incompatible feature.**

**Explanation**

A special shutdown operation started. These special shutdown operations indicate an incompatible feature.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the specified controller module with one that supports the specified feature.

- **FQXST0237I A firmware update started and is in progress. This event provides details of the steps in a firmware-update operation.**

**Explanation**

A firmware update started and is in progress. This event provides details of the steps in a firmware-update operation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0237M A firmware update attempt was stopped because of general system health issue(s), or because unwritable cache data that would be lost during a firmware update.**

**Explanation**

A firmware update attempt was stopped because of general system health issue(s), or because unwritable cache data that would be lost during a firmware update.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Resolve the issue before retrying a firmware update.

- For health issues, issue the show system CLI command to determine the specific health issue(s).
- For unwritten cache data, use the show unwritable-cache CLI command.

- **FQXST0238W A licenses feature cannot be installed because the license is not valid.**

**Explanation**

A licenses feature cannot be installed because the license is not valid.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the license for what is allowed for the platform, make corrections as appropriate, and reinstall the feature.

- **FQXST0239W A timeout occurred while flushing the CompactFlash.**

**Explanation**

A timeout occurred while flushing the CompactFlash.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Restart the Storage Controller that logged this event.
2. If this event is logged again, shut down the Storage Controller and replace the CompactFlash.
3. If this event is logged again, shut down the Storage Controller and replace the controller module.

- **FQXST0240W A failure occurred while flushing the CompactFlash.**

**Explanation**

A failure occurred while flushing the CompactFlash.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Restart the Storage Controller that logged this event.
2. If this event is logged again, shut down the Storage Controller and replace the CompactFlash.
3. If this event is logged again, shut down the Storage Controller and replace the controller module.

- **FQXST0241I The auto-write-through trigger event that caused event 242 to be logged has been resolved.**

**Explanation**

The auto-write-through trigger event that caused event 242 to be logged has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0242M The controller module's CompactFlash card has failed.**

**Explanation**

This change met a condition to trigger the auto-write-through feature, which has disabled write-back cache and put the system in write-through mode. When the fault is resolved, event 241 is logged to indicate that write-back mode has been restored.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If event 241 has not been logged since this event was logged, the CompactFlash failure should be investigated. Another CompactFlash event was probably logged at approximately the same time as this event (such as event 239, 240, or 481). See the recommended actions for that event.

- **FQXST0243I A new controller enclosure has been detected. This happens when a controller module is moved from one enclosure to another and the controller detects that the midplane WWN is different from the WWN it has in its local flash.**

**Explanation**

A new controller enclosure has been detected. This happens when a controller module is moved from one enclosure to another and the controller detects that the midplane WWN is different from the WWN it has in its local flash.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0245I An existing disk channel target device is not responding to SCSI discovery commands.**

**Explanation**

An existing disk channel target device is not responding to SCSI discovery commands.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0246W The coin battery is not present, is not properly seated, or has reached end-of-life.**

**Explanation**

The battery provides backup power for the real-time (date/time) clock. In the event of a power failure, the date and time will revert to 1980-01-01 00:00:00.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0247W The FRU ID SEEPROM for the specified field replaceable unit (FRU) cannot be read. FRU ID data might not be programmed.**

**Explanation**

FRU ID data includes information such as the worldwide name, serial numbers, firmware and hardware versions, and branding information. This event is logged once each time a Storage Controller (SC) is started for each FRU that is not programmed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Return the FRU to have its FRU ID data reprogrammed.

- **FQXST0248I A valid feature license was successfully installed. See event 249 for details about each licensed feature.**

**Explanation**

A valid feature license was successfully installed. See event 249 for details about each licensed feature.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0249I After a valid license is installed, this event is logged for each licensed feature to show the new license value for that feature. The event specifies whether the feature is licensed, whether the license is temporary, and whether the temporary license is expired.**

**Explanation**

After a valid license is installed, this event is logged for each licensed feature to show the new license value for that feature. The event specifies whether the feature is licensed, whether the license is temporary, and whether the temporary license is expired.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0250W A license could not be installed.**

**Explanation**

The license is not valid, or it specifies a feature that is not supported on your product.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Review the readme file that came with the license. Verify that you are trying to install the license in the system for which the license was generated.

- **FQXST0251I A volume-copy operation started for the specified source volume.**

**Explanation**

Do not mount either volume until the copy is complete (as specified by event 268).

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0253I A license was uninstalled.**

**Explanation**

A license was uninstalled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0255I The PBCs across controllers do not match because the PBC from controller A and the PBC from controller B are from different vendors. This might limit the available configurations.**

**Explanation**

The PBCs across controllers do not match because the PBC from controller A and the PBC from controller B are from different vendors. This might limit the available configurations.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0259I In-band CAPI commands were disabled.**

**Explanation**

In-band CAPI commands were disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0260I In-band CAPI commands were enabled.**

**Explanation**

In-band CAPI commands were enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0261I In-band SES commands were disabled.**

**Explanation**

In-band SES commands were disabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0262I In-band SES commands were enabled.**

**Explanation**

In-band SES commands were enabled.

**Severity**

Informational

**Serviceable with log**

No



**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0263W The specified spare disk is missing. Either it was removed, or it is not responding.**

**Explanation**

The specified spare disk is missing. Either it was removed, or it is not responding.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. Then, configure the disk as a spare.

- **FQXST0266I A volume-copy operation for the specified master volume was stopped by a user.**

**Explanation**

A volume-copy operation for the specified master volume was stopped by a user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0267M While cleaning up resources in metadata at the end of a volume-copy operation, the firmware found at least one error for the specified volume.**

**Explanation**

While cleaning up resources in metadata at the end of a volume-copy operation, the firmware found at least one error for the specified volume.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Make sure that the disk groups and disks associated with the volume copy do not have problems (health OK, status FTOL or UP). Then, retry the volume copy.

- **FQXST0268I A volume-copy operation for the specified volume completed.**

**Explanation**

A volume-copy operation for the specified volume completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0269I A partner firmware update operation started. This operation is used to copy firmware from one controller to the other to bring both controllers up to the same version of firmware.**

**Explanation**

A partner firmware update operation started. This operation is used to copy firmware from one controller to the other to bring both controllers up to the same version of firmware.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0269M A partner firmware upgrade attempt stopped because of either general system health issue(s) or unwritable cache data that would be lost during a firmware update.**

**Explanation**

A partner firmware upgrade attempt stopped because of either general system health issue(s) or unwritable cache data that would be lost during a firmware update.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Resolve the issue before retrying a firmware update.

- For health issues, issue the show system CLI command to determine the specific health issue(s).
- For unwritten cache data, use the show unwritable-cache CLI command.

- **FQXST0270W A problem occurred while reading or writing the persistent IP data from the FRU ID SEEPROM, or the data read from the FRU ID SEEPROM were not valid.**

**Explanation**

A problem occurred while reading or writing the persistent IP data from the FRU ID SEEPROM, or the data read from the FRU ID SEEPROM were not valid.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Check the IP settings (including iSCSI host-port IP settings for an iSCSI system), and update them if they are incorrect.

- **FQXST0271I The storage system could not get a valid serial number from the controller's FRU ID SEEPROM, either because it could not read the FRU ID data, because the data in it are not valid or because the data have not been programmed.**

**Explanation**

The MAC address is derived by using the controller's serial number from flash. This event is only logged one time during bootup.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0273I PHY fault isolation was enabled or disabled by a user for the specified enclosure and controller module.**

**Explanation**

PHY fault isolation was enabled or disabled by a user for the specified enclosure and controller module.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0274W The specified PHY was disabled, either automatically or by a user.**

**Explanation**

Drive PHYs are automatically disabled for empty disk slots or if a problem is detected. The following reasons indicate a likely hardware fault: Disabled because of error count interrupts. Disabled because of excessive PHY change counts PHY is ready but did not pass COMINIT

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If none of the reasons listed in the message description apply, no action is required.

2. If any of the reasons listed in the message description apply and the event occurs shortly after the storage system is powered on, complete the following steps:
  - a. Shut down the Storage Controllers. Then turn off the power for the specified enclosure, wait a few seconds, and turn it back on.
  - b. If the problem recurs and the event message identifies a disk slot, replace the disk in that slot.
  - c. If the problem recurs and the event message identifies a module, complete the following steps:
    - 1) If the specified PHY type is Egress, replace the cable in the module's egress port.
    - 2) If the specified PHY type is Ingress, replace the cable in the module's ingress port.
    - 3) For other specified PHY types or, if replacing the cable does not fix the issue, replace the specified module.
  - d. If the problem persists, check for other events that might indicate faulty hardware, such as an event indicating an over-temperature condition or power supply fault, and follow the recommended actions for those events.
  - e. If the problem still persists, the fault might be in the enclosure midplane. Replace the chassis FRU.
3. If any of the reasons listed above is specified and this event is logged shortly after a failover, user-initiated rescan, or restart, complete the following steps:
  - a. If the event message identifies a disk slot, reseal the disk in that slot.
  - b. If the problem persists after reseating the disk, replace the disk.
  - c. If the event message identifies a module, do the following:
    - 1) If the specified PHY type is Egress, replace the cable in the module's egress port.
    - 2) If the specified PHY type is Ingress, replace the cable in the module's ingress port.
    - 3) For other specified PHY types or, if replacing the cable does not fix the problem, replace the specified module.
  - d. If the problem persists, check for other events that might indicate faulty hardware, such as an event indicating an over-temperature condition or power supply fault, and follow the recommended actions for those events.
  - e. If the problem still persists, the fault might be in the enclosure midplane. Replace the chassis FRU.

- **FQXST0275I The specified PHY was enabled.**

**Explanation**

The specified PHY was enabled.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0298W The controller's real-time clock (RTC) setting is not valid.**

**Explanation**

This event will most commonly occur after a power loss if the real-time clock battery has failed. The time might have been set to a time that is up to 5 minutes before the power loss occurred, or it might have been reset to 1980-01-01 00:00:00.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check the system date and time. If either is incorrect, set them to the correct date and time.
2. Look for event 246 and follow the recommended action for that event. When the problem is resolved, event 299 is logged.

- **FQXST0299I The controller's RTC setting was recovered successfully.**

**Explanation**

This event will most commonly occur after an unexpected power loss.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0300I CPU frequency was changed to high.**

**Explanation**

CPU frequency was changed to high.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0301I CPU frequency was changed to low.**

**Explanation**

CPU frequency was changed to low.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0302I DDR memory clock frequency was changed to high.**

**Explanation**

DDR memory clock frequency was changed to high.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0303I DDR memory clock frequency was changed to low.**

**Explanation**

DDR memory clock frequency was changed to low.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0304I The controller has detected I2C errors that might have been recovered.**

**Explanation**

The controller has detected I2C errors that might have been recovered.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0305I A serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module or midplane FRU ID SEEPROM. The valid serial number was recovered automatically.**

**Explanation**

A serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module or midplane FRU ID SEEPROM. The valid serial number was recovered automatically.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0306I The controller-module serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module FRU ID SEEPROM. The valid serial number was recovered automatically.**

**Explanation**

The controller-module serial number in Storage Controller (SC) flash memory was not valid when compared to the serial number in the controller-module FRU ID SEEPROM. The valid serial number was recovered automatically.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0307C A temperature sensor on a controller FRU detected an over-temperature condition that caused the controller to shut down.**

**Explanation**

A temperature sensor on a controller FRU detected an over-temperature condition that caused the controller to shut down.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Make sure that the fans for the storage system are running.
  2. Check that the ambient temperature is not too warm. The enclosure operating range is 5\ufffd C-40\ufffd C (41\ufffd F-104\ufffd F).
  3. Check for any obstructions to the air flow.
  4. Check that there is a module or blank filler in every module bay in the enclosure.
  5. Replace the controller module that logged the error.
- **FQXST0309I When the Management Controller (MC) is started, the IP data is obtained from the midplane FRU ID SEEPROM where it is persisted. If the system is unable to write it to the SEEPROM the last time it changed, a flag is set in flash memory. This flag is checked during startup, and if set, this event is logged and the IP data that is in flash memory is used. The IP data might not be correct if the controller module was swapped because the data in the controller's flash memory are used.**

**Explanation**

When the Management Controller (MC) is started, the IP data is obtained from the midplane FRU ID SEEPROM where it is persisted. If the system is unable to write it to the SEEPROM the last time it changed, a flag is set in flash memory. This flag is checked during startup, and if set, this event is logged and the IP data that is in flash memory is used. The IP data might not be correct if the controller module was swapped because the data in the controller's flash memory are used.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0310I After a rescan, back-end discovery and initialization of data for at least one EMP (Enclosure Management Processor) completed. This event is not logged again when processing completes for other EMPs in the system.**

**Explanation**

After a rescan, back-end discovery and initialization of data for at least one EMP (Enclosure Management Processor) completed. This event is not logged again when processing completes for other EMPs in the system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0311I A user initiated a ping of a host through the iSCSI interface.**

**Explanation**

A user initiated a ping of a host through the iSCSI interface.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0312I This event is used by email messages and SNMP traps when testing notification settings. This event is not recorded in the event log.**

**Explanation**

This event is used by email messages and SNMP traps when testing notification settings. This event is not recorded in the event log.

**Severity**

Informational



**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0313M The specified controller module failed. This event can be ignored for a single-controller configuration.**

**Explanation**

The specified controller module failed. This event can be ignored for a single-controller configuration.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If this is a dual-controller system, replace the failed controller module. The module's Fault/Service Required LED will be lit continuously (not blinking).

- **FQXST0314M The specified FRU failed, or is not operating properly. This event follows some other FRU-specific event indicating a problem.**

**Explanation**

The specified FRU failed, or is not operating properly. This event follows some other FRU-specific event indicating a problem.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Look for other FRU-specific events and follow the recommended actions for those events. To determine if the FRU needs to be replaced, see the topic about verifying component failure in the Installation and Replacement Guide for your product FRU.

- **FQXST0315C The controller module is not compatible with the enclosure.**

**Explanation**

The controller will automatically shut down. If two incompatible controllers are inserted at the same time or booted at the same time, one controller will crash and the other will stop booting. This behavior is expected and prevents data loss.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Move the controller module to a compatible enclosure.

- **FQXST0316I The temporary license for a feature will expire in 10 days. Any components created with the feature will remain accessible but new components cannot be created after the license expires.**

**Explanation**

The temporary license for a feature will expire in 10 days. Any components created with the feature will remain accessible but new components cannot be created after the license expires.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0316W The temporary license for a feature has expired.**

**Explanation**

Any components created with the feature remain accessible but new components cannot be created.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

To continue using the feature, purchase a permanent license.

- **FQXST0317M A serious error has been detected on the disk interface of the Storage Controller. The controller will be stopped by its partner.**

**Explanation**

A serious error has been detected on the disk interface of the Storage Controller. The controller will be stopped by its partner.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Visually trace the cabling between the controller modules and expansion modules.
2. If the cabling is OK, replace the controller module that logged this event.
3. If the problem recurs, replace the expansion module that is connected to the controller module.

- **FQXST0319W The specified available disk failed.**

**Explanation**

The specified available disk failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the disk with one of the same type (SAS SSD, enterprise SAS, or midline SAS) and the same or greater capacity. For continued optimum I/O performance, the replacement disk should have performance that is the same as or better than the one it is replacing.

- **FQXST0322W The controller has an older Storage Controller (SC) version than the version used to create the CHAP authentication database in the flash memory of the controller.**

**Explanation**

The CHAP database cannot be read or updated. However, new records can be added, which will replace the existing database with a new database using the latest known version number.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Upgrade the controller firmware to a version whose SC is compatible with the specified database version.
2. If no records were added, the database becomes accessible and remains intact.
3. If records were added, the database becomes accessible but contains only the new records.

- **FQXST0352I Expander Controller (EC) assert data or stack-dump data are available.**

**Explanation**

Expander Controller (EC) assert data or stack-dump data are available.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0353I Expander Controller (EC) assert data and stack-dump data were cleared.**

**Explanation**

Expander Controller (EC) assert data and stack-dump data were cleared.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0354I The SAS topology has changed on a host port. At least one PHY is active. For example, the SAS cable connecting a controller host port to a host was connected.**

**Explanation**

The SAS topology has changed on a host port. At least one PHY is active. For example, the SAS cable connecting a controller host port to a host was connected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0354W The SAS topology has changed on a host port. At least one PHY went down. For example, the SAS cable connecting a controller host port to a host was disconnected.**

**Explanation**

The SAS topology has changed on a host port. At least one PHY went down. For example, the SAS cable connecting a controller host port to a host was disconnected.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check the cable connection between the specified port and the host.
2. Monitor the log to see if the problem persists.

- **FQXST0355W The debug button on the controller module was found to be stuck in the On position during boot.**

**Explanation**

The debug button on the controller module was found to be stuck in the On position during boot.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the button remains stuck, replace the controller module.

- **FQXST0356W This event can only result from tests that are run in the manufacturing environment.**

**Explanation**

This event can only result from tests that are run in the manufacturing environment.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Follow the manufacturing process.

- **FQXST0357W This event can only result from tests that are run in the manufacturing environment.**

**Explanation**

This event can only result from tests that are run in the manufacturing environment.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Follow the manufacturing process.

- **FQXST0358C All PHYs are down for the specified disk channel. The system is degraded and is not fault tolerant because all disks are in a single-ported state.**

**Explanation**

All PHYs are down for the specified disk channel. The system is degraded and is not fault tolerant because all disks are in a single-ported state.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Turn off the power for the controller enclosure, wait a few seconds, and turn it back on.
2. If event 359 has been logged for the specified channel, indicating that the condition no longer exists, no further action is required.
3. If the condition persists, this indicates a hardware problem in one of the controller modules or in the controller enclosure midplane. For help identifying which FRU to replace, see Resources for diagnosing and resolving problems on page 6.

- **FQXST0358W Some PHYs are down for the specified disk channel.**

**Explanation**

Some PHYs are down for the specified disk channel.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Monitor the log to see whether the condition persists.
2. If event 359 has been logged for the specified channel, indicating that the condition no longer exists, no further action is required.
3. If the condition persists, this indicates a hardware problem in one of the controller modules or in the controller enclosure midplane. For help identifying which FRU to replace, see Resources for diagnosing and resolving problems on page 6.

- **FQXST0359I All PHYs that were down for the specified disk channel have recovered and are now up.**

**Explanation**

All PHYs that were down for the specified disk channel have recovered and are now up.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0360I The speed of the specified disk PHY was renegotiated.**

**Explanation**

The speed of the specified disk PHY was renegotiated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0361C The scheduler experienced a problem with the specified schedule.**

**Explanation**

The scheduler experienced a problem with the specified schedule.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Take appropriate action based on the specified problem.

- **FQXST0361I A scheduled task was initiated.**

**Explanation**

A scheduled task was initiated.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0361M The scheduler experienced a problem with the specified schedule.**

**Explanation**

The scheduler experienced a problem with the specified schedule.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Take appropriate action based on the specified problem.

- **FQXST0361W The scheduler experienced a problem with the specified schedule.**

**Explanation**

The scheduler experienced a problem with the specified schedule.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Take appropriate action based on the specified problem.

- **FQXST0362C The scheduler experienced a problem with the specified task.**

**Explanation**

The scheduler experienced a problem with the specified task.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Take appropriate action based on the specified problem.

- **FQXST0362I The scheduler experienced a problem with the specified task.**

**Explanation**

The scheduler experienced a problem with the specified task.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0362M The scheduler experienced a problem with the specified task.**

**Explanation**

The scheduler experienced a problem with the specified task.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Take appropriate action based on the specified problem.

- **FQXST0362W The scheduler experienced a problem with the specified task.**

**Explanation**

The scheduler experienced a problem with the specified task.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Take appropriate action based on the specified problem.

- **FQXST0363I When the Management Controller (MC) is restarted, firmware versions that are currently installed are compared against those in the bundle that was most recently installed. If the versions match, this event is logged as Informational severity. Components checked include the CPLD, Expander Controller (EC), Storage Controller (SC), and MC.**

**Explanation**

When the Management Controller (MC) is restarted, firmware versions that are currently installed are compared against those in the bundle that was most recently installed. If the versions match, this event is logged as Informational severity. Components checked include the CPLD, Expander Controller (EC), Storage Controller (SC), and MC.

**Severity**



Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0363M When the Management Controller (MC) is restarted, firmware versions that are currently installed are compared against those in the bundle that was most recently installed.**

**Explanation**

When firmware is updated, it is important that all components are successfully updated or the system may not work correctly. Components checked include the CPLD, Expander Controller (EC), Storage Controller (SC), and MC.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Reinstall the firmware package.

- **FQXST0364I The broadcast bus is running as generation 1.**

**Explanation**

The broadcast bus is running as generation 1.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0365M An uncorrectable ECC error occurred in Storage Controller CPU memory more than once, indicating a probable hardware fault.**

**Explanation**

An uncorrectable ECC error occurred in Storage Controller CPU memory more than once, indicating a probable hardware fault.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0365W An uncorrectable ECC error occurred in Storage Controller CPU memory.**

**Explanation**

This event is logged with a severity of Warning to provide information that might be useful to technical support, but no action is required at this time. It will be logged with a severity of Error if it is necessary to replace the controller module.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXST0400I The specified log has filled to a level at which it needs to be transferred to a log-collection system.**

**Explanation**

The specified log has filled to a level at which it needs to be transferred to a log-collection system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0401W The specified log has filled to a level at which diagnostic data will be lost if the log is not transferred to a log-collection system.**

**Explanation**

The specified log has filled to a level at which diagnostic data will be lost if the log is not transferred to a log-collection system.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Transfer the log file to the log-collection system.

- **FQXST0402M The specified log has wrapped and has started to overwrite the oldest diagnostic data.**

**Explanation**

The specified log has wrapped and has started to overwrite the oldest diagnostic data.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Investigate why the log-collection system is not transferring the logs before they are overwritten. For example, you might have enabled managed logs without configuring a destination to which to send the logs.

- **FQXST0412W One disk in the specified RAID-6 disk group failed. The disk group is online, but it has a status of FTDN (fault tolerant with a down disk).**

**Explanation**

If a dedicated spare or global spare of the proper type and size is present, that spare is used to automatically reconstruct the disk group, and events 9 and 37 are logged. If no usable spare disk is present, but an available disk of the proper type and size is present and the dynamic spares feature is enabled, that disk is used to automatically reconstruct the disk group and event 37 is logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. If event 37 was not logged, a spare of the proper type and size was not available for reconstruction. Replace the failed disk with one of the same type and the same or greater capacity and, if necessary, designate it as a spare. Confirm this by checking that events 9 and 37 are logged.
  2. Otherwise, reconstruction automatically started and event 37 was logged. Replace the failed disk and configure the replacement as a dedicated (linear only) or global spare for future use. For continued optimum I/O performance, the replacement disk should have the same or better performance.
  3. Confirm that all failed disks have been replaced and that there are sufficient spare disks configured for future use.
- **FQXST0442W Power-On Self Test (POST) diagnostics detected a hardware error in a UART chip.**

**Explanation**

Power-On Self Test (POST) diagnostics detected a hardware error in a UART chip.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0454I A user changed the drive-spin-down delay for the specified disk group to the specified value.**

**Explanation**

A user changed the drive-spin-down delay for the specified disk group to the specified value.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0455W The controller detected that the configured host-port link speed exceeded the capability of an FC SFP. The speed has been automatically reduced to the maximum value supported by all hardware components in the data path.**

**Explanation**

The controller detected that the configured host-port link speed exceeded the capability of an FC SFP. The speed has been automatically reduced to the maximum value supported by all hardware components in the data path.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the SFP in the specified port with an SFP that supports a higher speed.

- **FQXST0456W The IQN of the system was generated from the default OUI because the controllers could not read the OUI from the midplane FRU ID data during startup. If the IQN is not correct for the system, iSCSI hosts might be unable to access the system.**

**Explanation**

The IQN of the system was generated from the default OUI because the controllers could not read the OUI from the midplane FRU ID data during startup. If the IQN is not correct for the system, iSCSI hosts might be unable to access the system.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If event 270 with status code 0 is logged at approximately the same time, restart the Storage Controllers.

- **FQXST0457I The specified virtual pool was created.**

**Explanation**

The specified virtual pool was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0458I Disk groups were added to the specified virtual pool.**

**Explanation**

Disk groups were added to the specified virtual pool.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0459I Removal of the specified disk group(s) was started. When this operation is complete, event 470 is logged.**

**Explanation**

Removal of the specified disk group(s) was started. When this operation is complete, event 470 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0460M The specified disk group is missing from the specified virtual pool. This may be caused by missing disk drives, or unconnected or powered-off enclosures.**

**Explanation**

The specified disk group is missing from the specified virtual pool. This may be caused by missing disk drives, or unconnected or powered-off enclosures.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Ensure that all disks are installed and that all enclosures are connected and powered on. When the problem is resolved, event 461 is logged.

- **FQXST0461I The specified disk group that was missing from the specified virtual pool was recovered. This event indicates that a problem reported by event 460 is resolved.**

**Explanation**

The specified disk group that was missing from the specified virtual pool was recovered. This event indicates that a problem reported by event 460 is resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0462I The specified virtual pool exceeded one of its thresholds for allocated pages.**

**Explanation**

There are three thresholds, two of which are user-settable. The third and highest setting is set automatically by the controller and cannot be changed. This event is logged with warning severity if the high threshold is exceeded and the virtual pool is overcommitted. Overcommitted means that the total committed size of all virtual volumes exceeds the physical space in the virtual pool. If the storage usage drops below a threshold, event 463 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0462M The specified virtual pool reached its storage limit.**

**Explanation**

There are three thresholds, two of which are user-configurable. The third and highest setting is set automatically by the controller and cannot be changed. This event is logged with a severity of Warning if the high threshold is exceeded and the virtual pool is overcommitted. Overcommitted means that the total committed size of all virtual volumes exceeds the physical space in the virtual pool. If the storage usage drops below a threshold, event 463 is logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

You should immediately take steps to reduce storage usage or add capacity.

- **FQXST0462W The specified virtual pool exceeded its high threshold for allocated pages, and the virtual pool is overcommitted.**

**Explanation**

There are three thresholds, two of which are user-settable. The third and highest setting is set automatically by the controller and cannot be changed. This event is logged with severity of Warning if the high threshold is exceeded and the virtual pool is overcommitted. Overcommitted means that

the total committed size of all virtual volumes exceeds the physical space in the virtual pool. If the storage usage drops below a threshold, event 463 is logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

You should immediately take steps to reduce storage usage or add capacity.

- **FQXST0463I The specified virtual pool has dropped below one of its thresholds for allocated pages. This event indicates that a condition reported by event 462 is no longer applicable.**

**Explanation**

The specified virtual pool has dropped below one of its thresholds for allocated pages. This event indicates that a condition reported by event 462 is no longer applicable.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0464W A user inserted an unsupported cable or SFP into the specified controller host port.**

**Explanation**

A user inserted an unsupported cable or SFP into the specified controller host port.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the cable or SFP with a supported type.

- **FQXST0465I A user removed an unsupported cable or SFP from the specified controller host port.**

**Explanation**

A user removed an unsupported cable or SFP from the specified controller host port.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0466I The specified virtual pool was deleted.**

**Explanation**

The specified virtual pool was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0467I The specified disk group was added successfully.**

**Explanation**

The specified disk group was added successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0468I The FPGA temperature returned to the normal operating range and the speed of buses connecting the FPGA to downstream adapters was restored. The speed was reduced to compensate for an FPGA over-temperature condition. This event indicates that a problem reported by event 469 is resolved.**

**Explanation**

The FPGA temperature returned to the normal operating range and the speed of buses connecting the FPGA to downstream adapters was restored. The speed was reduced to compensate for an FPGA over-temperature condition. This event indicates that a problem reported by event 469 is resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0469W The speed of buses connecting the FPGA to downstream adapters was reduced to compensate for an FPGA over-temperature condition. The storage system is operational but I/O performance is reduced.**

**Explanation**



The speed of buses connecting the FPGA to downstream adapters was reduced to compensate for an FPGA over-temperature condition. The storage system is operational but I/O performance is reduced.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the fans in the storage system are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5°C-40°C (41°F-104°F).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module bay in the enclosure.
5. Replace the controller module that logged the error.

When the problem is resolved, event 468 is logged.

- **FQXST0470I The removal of the specified disk group(s) completed successfully.**

**Explanation**

The removal of the specified disk group(s) completed successfully.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0473I The specified volume is using more than its threshold percentage of its virtual pool.**

**Explanation**

The storage usage crossed the user-specified threshold for this volume. If the storage usage drops below the threshold, event 474 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0474I The specified volume is no longer using more than its threshold percentage of its virtual pool. This event indicates that the condition reported by event 473 is no longer applicable.**

**Explanation**

The specified volume is no longer using more than its threshold percentage of its virtual pool. This event indicates that the condition reported by event 473 is no longer applicable.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0476W The CPU temperature exceeded the safe range so the CPU entered its self-protection state. IOPS were reduced. The storage system is operational, but I/O performance is reduced.**

**Explanation**

The CPU temperature exceeded the safe range so the CPU entered its self-protection state. IOPS were reduced. The storage system is operational, but I/O performance is reduced.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the fans in the storage system are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5°C-40°C (41°F-104°F).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module bay in the enclosure.
5. Replace the controller module that logged the error.

When the problem is resolved, event 478 is logged.

- **FQXST0477I The CPU temperature exceeded the normal range so the CPU speed was reduced. IOPS were reduced. The storage system is operational, but I/O performance is reduced.**

**Explanation**

The CPU temperature exceeded the normal range so the CPU speed was reduced. IOPS were reduced. The storage system is operational, but I/O performance is reduced.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0478I A problem reported by event 476 or 477 is resolved.**

**Explanation**

A problem reported by event 476 or 477 is resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0479M The controller reporting this event was not able to flush data to or restore data from non-volatile memory.**

**Explanation**

This mostly likely indicates a CompactFlash failure, but it could be caused by some other problem with the controller module. The Storage Controller that logged this event will be stopped by its partner controller, which will use its own copy of the data to perform the flush or restore operation.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Restart the stopped Storage Controller.
2. Replace the CompactFlash.
3. Shut down the Storage Controller and replace the controller module.

- **FQXST0480M An IP address conflict was detected for the specified iSCSI port of the storage system. The specified IP address is already in use.**

**Explanation**

An IP address conflict was detected for the specified iSCSI port of the storage system. The specified IP address is already in use.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Contact your data-network administrator to help resolve the IP address conflict.

- **FQXST0481M The periodic monitor of CompactFlash hardware detected an error. The controller was put in write-through mode, which reduces I/O performance.**

**Explanation**

The periodic monitor of CompactFlash hardware detected an error. The controller was put in write-through mode, which reduces I/O performance.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Restart the Storage Controller that logged this event.
2. Shut down the Storage Controller and replace the CompactFlash.
3. Shut down the Storage Controller and replace the controller module.

- **FQXST0482W One of the PCIe buses is running with fewer lanes than is optimal.**

**Explanation**

This event is the result of a hardware problem that has caused the controller to use fewer lanes. The system works with fewer lanes, but I/O performance is degraded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0483M The expansion-module connection for the specified disk channel is not valid. An egress port is connected to an egress port, or an ingress port is connected to an incorrect egress port.**

**Explanation**

The expansion-module connection for the specified disk channel is not valid. An egress port is connected to an egress port, or an ingress port is connected to an incorrect egress port.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Visually trace the cabling between enclosures and correct the cabling.

- **FQXST0484W No compatible spares are available to reconstruct this disk group if it experiences a disk failure. Only disk groups that have dedicated or suitable global spares will start reconstruction automatically.**

**Explanation**

This situation puts data at increased risk because it will require user action to configure a disk as a dedicated or global spare before reconstruction can begin on the specified disk group if a disk in that disk group fails in the future. If the last global spare has been deleted or used for reconstruction, ALL disk groups that do not have at least one dedicated spare are at increased risk. Note that even though there may be global spares still available, they cannot be used for reconstruction of a disk group if that disk group uses larger-capacity disks or a different type of disk. Therefore, this event

may be logged even when there are unused global spares. If the dynamic spares feature is enabled (linear only), this event will be logged even if there is an available disk that may be used for reconstruction.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Configure disks as dedicated spares or global spares.

- For a dedicated spare, the disk must be of the same type as the other disks in the linear disk group and at least as large as the smallest-capacity disk in the linear disk group, and it should have the same or better performance.
- For a global spare, it is best to choose a disk that is as big as or bigger than the largest disk of its type in the system and of equal or greater performance. If the system contains a mix of disk types (SAS SSD, enterprise SAS, or midline SAS), there should be at least one global spare of each type (unless dedicated spares are used to protect every disk group of a given type, which will only apply to a linear storage configuration).

- **FQXST0485W The specified disk group was quarantined to prevent writing outdated data that might exist in the controller that logged this event.**

**Explanation**

This event is logged to report that the specified disk group has been put in the quarantined offline state (status of QTOF) to prevent loss of data. The controller that logged this event has detected (via information saved in the disk group metadata) that it might contain outdated data that should not be written to the disk group. Data might be lost if you do not follow the recommended actions carefully. This situation is typically caused by the removal of a controller module without shutting it down first, and then inserting a different controller module in its place. To avoid this problem in the future, always shut down the Storage Controller in a controller module before removing it. This situation may also be caused by failure of the CompactFlash card, as specified by event 204.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- If event 204 is logged, follow the recommended actions for event 204.
- If event 204 is NOT logged, perform the following recommended actions:
  - If event 486 is not logged at approximately the same time as event 485, reinsert the removed controller module, shut it down, then remove it again.
  - If events 485 and 486 are both logged at approximately the same time, wait at least 5 minutes for the automatic recovery process to complete. Then sign in and confirm that both controller modules are operational. (You can determine if the controllers are operational with the show controllers CLI command or with the SMC.) In most cases, the system will come back up and no

further action is required. If both controller modules do not become operational in 5 minutes, data might have been lost. If both controllers are not operational, follow this recovery process:

1. Remove the controller module that first logged event 486.
2. Turn off the power for the controller enclosure, wait a few seconds, then turn it back on.
3. Wait for the controller module to restart, and then sign in again.
4. Check the status of the disk groups. If any of the disk groups have a status of quarantined offline (QTOF), remove those disk groups from quarantine.
5. Reinsert the previously removed controller module. It should now restart successfully.

- **FQXST0486W A recovery process was initiated to prevent writing outdated data that might exist in the controller that logged this event.**

**Explanation**

The controller that logged this event has detected (via information saved in the disk group metadata) that it might contain outdated data that should not be written to the disk groups. The controller will log this event, restart the partner controller, wait 10 seconds, then stop itself. The partner controller will then restart this controller and mirror the correct cache data to it. This procedure will, in most cases, allow all data to be correctly written without any loss of data and without writing any outdated data.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Wait at least five minutes for the automatic recovery process to complete. Then sign in and confirm that both controller modules are operational. (You can determine if the controllers are operational with the show redundancy-mode CLI command.) In most cases, the system will come back up and no action is required.
2. If both controller modules do not become operational in five minutes, see the recommended actions for event 485, which will be logged at approximately the same time.

- **FQXST0487I Historical performance statistics were reset.**

**Explanation**

Historical performance statistics were reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0488I The creation of a volume group started.**

**Explanation**

The creation of a volume group started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0489I The creation of a volume group completed.**

**Explanation**

The creation of a volume group completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0490I The creation of a volume group failed.**

**Explanation**

The creation of a volume group failed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0491I The creation of a volume group started.**

**Explanation**

The creation of a volume group started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0492I The volumes in a volume group were ungrouped.**

**Explanation**

The volumes in a volume group were ungrouped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0493I A group of volumes was modified.**

**Explanation**

A group of volumes was modified.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0495W The algorithm for best-path routing selected the alternate path to the specified disk because the I/O error count on the primary path reached its threshold.**

**Explanation**

The controller that logs this event indicates which channel (path) has the problem. For example, if the B controller logs the problem, the problem is in the chain of cables and expansion modules connected to the B controller module.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- If this event is consistently logged for only one disk in an enclosure, perform the following actions:
  1. Replace the disk.
  2. If that does not resolve the problem, the fault is probably in the enclosure midplane. Replace the chassis FRU for the specified enclosure.
- If this event is logged for more than one disk in an enclosure or disks in multiple enclosures, perform the following actions:
  1. Check for disconnected SAS cables in the bad path. If no cables are disconnected, replace the cable connecting to the ingress port in the most-upstream enclosure with reported failures. If that does not resolve the problem, replace other cables in the bad path, one at a time until the problem is resolved.
  2. Replace the expansion modules that are in the bad path. Begin with the most-upstream module that is in an enclosure with reported failures. If that does not resolve the problem,



replace other expansion modules (and the controller module) upstream of the affected enclosure(s), one at a time until the problem is resolved.

3. If that does not resolve the problem, the fault is probably in the enclosure midplane. Replace the chassis FRU of the most-upstream enclosure with reported failures. If that does not resolve the problem and there is more than one enclosure with reported failures, replace the chassis FRU of the other enclosures with reported failures until the problem is resolved.

- **FQXST0496W An unsupported disk vendor was found.**

**Explanation**

An unsupported disk vendor was found.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the disk with a disk that is supported by your system vendor.

- **FQXST0501M The enclosure hardware is not compatible with the I/O module firmware. The Expander Controller firmware detected an incompatibility with the midplane type. As a preventive measure, disk access was disabled in the enclosure.**

**Explanation**

The enclosure hardware is not compatible with the I/O module firmware. The Expander Controller firmware detected an incompatibility with the midplane type. As a preventive measure, disk access was disabled in the enclosure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Update the storage system to the latest firmware.

- **FQXST0502I The specified SSD has 20% or less of its life remaining.**

**Explanation**

This event will be logged again with a severity of warning as the SSD further approaches its end of life.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0502W The specified SSD has 5% or less of its life remaining.**

**Explanation**

This event will be logged again as the device approaches and reaches its end of life.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Be sure you have a spare SSD of the same type and capacity available.
2. If a spare is available, it is recommended to replace the SSD now.

- **FQXST0503I The Intelligent BackEnd Error Monitor (IBEEM) has discovered that continuous errors are being reported for the specified PHY. IBEEM logged this event after monitoring the PHY for 30 minutes.**

**Explanation**

The Intelligent BackEnd Error Monitor (IBEEM) has discovered that continuous errors are being reported for the specified PHY. IBEEM logged this event after monitoring the PHY for 30 minutes.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0504I Service debug access to the system was enabled or disabled by a user. Allowing service debug access might have security implications. After the diagnosis is complete you should disallow such access.**

**Explanation**

Service debug access to the system was enabled or disabled by a user. Allowing service debug access might have security implications. After the diagnosis is complete you should disallow such access.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0505W The specified virtual pool was created with a size smaller than 500 GB, which can lead to unpredictable behavior. The storage system might not perform correctly.**

**Explanation**

The specified virtual pool was created with a size smaller than 500 GB, which can lead to unpredictable behavior. The storage system might not perform correctly.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Add disk groups to the virtual pool to increase the size of the pool.

- **FQXST0506I The addition of the specified disk group started. When this operation is complete, event 467 is logged.**

**Explanation**

The addition of the specified disk group started. When this operation is complete, event 467 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0507I The link speed of the specified disk does not match the link speed capacity of the enclosure.**

**Explanation**

This event is logged when the auto-negotiated link speed is less than the maximum speed that the enclosure supports. The disk is functional, but I/O performance is reduced. This event may be logged for one disk channel or for both disk channels.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0508M The specified virtual pool went offline. All of its volumes also went offline.**

**Explanation**

All data in the virtual pool has been lost. This condition can be caused by corrupt or inaccessible virtual pool metadata.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check for other events that indicate faults in the system and follow the recommended actions for those events.
  2. Re-create the virtual pool.
  3. Restore the data from a backup, if available.
- **FQXST0509M The metadata volume for the specified virtual pool went offline. Volume mappings and persistent reservations are inaccessible or lost.**

**Explanation**

The metadata volume for the specified virtual pool went offline. Volume mappings and persistent reservations are inaccessible or lost.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check for other events that indicate faults in the system and follow the recommended actions for those events.
  2. Create new mappings for the volumes. Persistent reservations will be restored by host systems automatically.
- **FQXST0510I The FDE lock key has been set or changed by a user.**

**Explanation**

The FDE lock key has been set or changed by a user.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0511I The FDE import lock key has been set by a user.**

**Explanation**

This is normally used to import into the system an FDE disk that was locked by another system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0512I The system was set to the FDE secured state by a user.**

**Explanation**

Full Disk Encryption is now enabled. Disks removed from this system will not be readable unless they are imported into another system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0513I The system was set to the FDE repurposed state by a user.**

**Explanation**

All disks have been repurposed and set to their initial factory states. FDE is no longer enabled on the system.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0514I The FDE lock key and import key were cleared by a user.**

**Explanation**

I/O operations might continue as long as the system is not restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0515I An FDE disk was repurposed by a user.**

**Explanation**

The disk was reset to its original factory state.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0516M An FDE disk was placed in the unavailable state.**

**Explanation**

The related event message 518, which indicates that a disk operation failed, might provide additional information.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

See the recommended action specified in the event message.

- **FQXST0517I A disk that was formerly in the FDE unavailable state is no longer unavailable. The disk was returned to normal operations.**

**Explanation**

A disk that was formerly in the FDE unavailable state is no longer unavailable. The disk was returned to normal operations.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0518M An FDE disk operation failed.**

**Explanation**

This event provides detail about the operation that failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The disk might need to be removed, imported, repurposed, or replaced.

- **FQXST0521M An error occurred while accessing the midplane SEEPROM to store or fetch Full Disk Encryption keys. The midplane's memory is used to store the FDE lock key.**

**Explanation**

An error occurred while accessing the midplane SEEPROM to store or fetch Full Disk Encryption keys. The midplane's memory is used to store the FDE lock key.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

The midplane might need to be replaced if the error persists.

- **FQXST0522W A scrub-disk-group job encountered an error at the specified logical block address.**

**Explanation**

The event message always includes the disk group name and the logical block address of the error within that disk group. If the block with an error falls within the LBA range used by a volume, the event message also includes the volume name and the LBA within that volume.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Examine event 207 that was logged previously to this event. Follow the recommended actions for that event.

- **FQXST0523I This event provides additional details associated with a scrub-disk-group job, expanding on the information in event 206, 207, or 522.**

**Explanation**

This event provides additional details associated with a scrub-disk-group job, expanding on the information in event 206, 207, or 522.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0524M A temperature or voltage sensor reached a critical threshold.**

**Explanation**

A sensor monitored a temperature or voltage in the critical range. When the problem is resolved, event 47 is logged for the component that logged event 524. If the event refers to a disk sensor, disk behavior might be unpredictable in this temperature range. Check the event log to determine if more than one disk has reported this event. If multiple disks report this condition there could be a problem in the environment. If one disk reports this condition, there could be a problem in the environment or the disk has failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the fans in the storage system are running.
2. Check that the ambient temperature is not too warm. The enclosure operating range is 5-40\ufffd C (41\ufffd F-104\ufffd F).
3. Check for any obstructions to the air flow.
4. Check that there is a module or blank filler in every module slot in the enclosure.
5. Replace the disk or controller module that logged the error.

- **FQXST0527M Expander Controller (EC) firmware is incompatible with the enclosure.**

**Explanation**

As a preventative measure, the Expander Controller (EC) disabled all PHYs and reported the short enclosure status page in the supported diagnostic list.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Upgrade the controller module to the latest supported bundle version.

- **FQXST0528M Expander Controller firmware detected that the partner Expander Controller (EC) firmware is incompatible with the enclosure.**

**Explanation**

As a preventative measure, the Expander Controller (EC) disabled all PHYs and reported the short enclosure status page in the supported diagnostic list.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Upgrade the partner controller module to the latest supported bundle version.

- **FQXST0529M The local Expander Controller (EC) is incompatible with the enclosure.**

**Explanation**

As a preventative measure, the Expander Controller (EC) disabled all PHYs and reported the short enclosure status page in the supported diagnostic list.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**



Replace the controller module with one that is compatible with the enclosure.

- **FQXST0530M The local Expander Controller (EC) firmware detected a level of incompatibility with the partner Expander Controller (EC). This incompatibility could be due to unsupported hardware or firmware.**

**Explanation**

As a preventative measure, the local Expander Controller (EC) is holding the partner Expander Controller (EC) in a reset loop.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Remove the partner controller module from the enclosure. Boot the partner controller module in single-controller mode in a separate enclosure (without the controller module that reported this event). Load the latest compatible bundle version. If the version fails to load, replace the partner controller module.

- **FQXST0531M The specified controller module was unable to recover from a stall. The system will need to be recovered manually.**

**Explanation**

The specified controller module was unable to recover from a stall. The system will need to be recovered manually.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Download the debug logs from your storage system and contact technical support. A service technician can use the debug logs to determine the problem.

- **FQXST0531W The specified controller module detected a stall. The system will perform corrective actions.**

**Explanation**

The specified controller module detected a stall. The system will perform corrective actions.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

No action is required.

- **FQXST0533I This event provides details about the result of the MC test of the specified component.**

**Explanation**

This event provides details about the result of the MC test of the specified component.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0533M This event provides details about the result of the MC test of the specified component.**

**Explanation**

If the test succeeded, the message says the component is present and operational. If the test failed, the message says the component is unavailable.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If the event indicates the test failed, replace the controller module that logged this event.

- **FQXST0545W A controller module is connected to a legacy enclosure midplane, resulting in degraded performance.**

**Explanation**

A controller module is connected to a legacy enclosure midplane, resulting in degraded performance.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

To achieve better performance, replace the enclosure's legacy chassis FRU with the latest version of the FRU.

- **FQXST0546M The controller that logged this event stopped the partner controller because it has an incompatible host port configuration.**

**Explanation**

The controller that logged this event stopped the partner controller because it has an incompatible host port configuration.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the stopped controller module with a controller module that has the same host port configuration as the surviving controller module.

- **FQXST0548W Disk group reconstruction failed.**

**Explanation**

When a disk fails, reconstruction is performed using a spare disk. However, this operation failed. The event detail may say either of the following: Some of the data in the other disk(s) in the disk group is unreadable (uncorrectable media error), so part of the data cannot be reconstructed. The failure was probably because the disk that was used as a replacement for the failed disk is also faulty, or because of a fault in the midplane of the enclosure that the disks are inserted into.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

In the first case above, do the following:

1. If you do not have a backup copy of the data in the disk group, make a backup.
2. Note the configuration of the disk group, such as its size and host mappings.
3. Look for another event logged at approximately the same time that indicates a disk failure, such as event 8, 55, 58, or 412. Follow the recommended actions for that event.
4. Remove the disk group.
5. Re-add the disk group.
6. Restore the data from the backup.

In the second case above, do the following:

1. Look for another event logged at approximately the same time that indicates a disk failure, such as event 8, 55, 58, or 412. Follow the recommended actions for that event.
2. If the problem then recurs for the same slot, replace the chassis FRU.

- **FQXST0549C The specified controller module detected that it recovered from an internal processor fault.**

**Explanation**

The specified controller module detected that it recovered from an internal processor fault.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module.

- **FQXST0550C The read data path between the Storage Controller and the disk drives was detected to be unreliable. The Storage Controller took action to correct this.**

**Explanation**

The read data path between the Storage Controller and the disk drives was detected to be unreliable. The Storage Controller took action to correct this.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller.

- **FQXST0551I A SES alert for a power supply in the specified enclosure has been resolved.**

**Explanation**

A SES alert for a power supply in the specified enclosure has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0551M An error condition was found for a power supply unit (PSU).**

**Explanation**

An EMP reported one of the following for a power supply unit (PSU): The PSU in an enclosure does not have power supplied to it or has a hardware failure. The PSU is running with corrupted firmware.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If one of the PSUs in an enclosure does not have power supplied to it or has a hardware failure:

1. Check that the specified PSU is fully seated in its slot and that the PSU's latches are locked.
2. Check that each PSU has its switch turned on (if equipped with a switch).
3. Check that each power cable is firmly plugged into both the PSU and a functional electrical outlet.
4. If none of the above resolves the issue, the specified PSU has probably failed and should be replaced.

If a PSU is running with corrupted firmware:

1. The specified PSU has failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with severity of Resolved .

- **FQXST0551W An EMP reported that a power supply unit (PSU) was uninstalled.**

**Explanation**

An EMP reported that a power supply unit (PSU) was uninstalled.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the specified PSU is in the specified enclosure.
2. If the PSU is not in the enclosure, install a PSU immediately.
3. If the PSU is in the enclosure, ensure that the power supply is fully seated in its slot and that its latch is locked.
4. If none of the above resolves the issue, the specified FRU has failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved

- **FQXST0552I A SES alert for a fan in the specified enclosure has been resolved.**

**Explanation**

A SES alert for a fan in the specified enclosure has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0552M An EMP reported an alert condition. A hardware failure has been detected and all fans in the specified FRU have failed.**

**Explanation**

An EMP reported an alert condition. A hardware failure has been detected and all fans in the specified FRU have failed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Inspect the system health information to determine which FRU contains the affected fans. The containing FRU will probably have an amber LED lit. Event 551 or 558 should give further information on the containing FRUs.
2. Replace the containing FRUs. When the problem is resolved, an event with the same code will be logged with Resolved severity.

- **FQXST0552W An EMP reported one of the following:**

**Explanation**

An EMP reported one of the following: A fan in the specified FRU has been uninstalled. A fan in the specified FRU has failed and fan redundancy for the FRU has been lost.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If a fan in the specified FRU has been uninstalled:

1. Check that the specified FRU is in the specified enclosure.
2. If the FRU is not in the enclosure, install the appropriate FRU immediately.
3. If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latch is locked.
4. If none of the above resolves the issue, the specified FRU has failed and should be replaced.

If a fan in the specified FRU has failed and fan redundancy for the FRU has been lost:

1. The specified FRU has failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0553I A SES alert for a temperature sensor in the specified enclosure has been resolved.**

**Explanation**

A SES alert for a temperature sensor in the specified enclosure has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0553M A temperature sensor is not within the normal operating range, but it is within safe operating limits; or, a temperature sensor has been removed.**

**Explanation**

A temperature sensor is not within the normal operating range, but it is within safe operating limits; or, a temperature sensor has been removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the ambient temperature is not too warm. For the normal operating range, see your product's Setup Guide.
2. Check for any obstructions to the air flow.
3. Check that all modules in the enclosure are fully seated in their slots and that their latches, if any, are locked.
4. Check that all fans in the enclosure are running.
5. Check that there is a module or blank filler in every module bay in the enclosure.
6. If none of the above resolve the issue, the specified FRU has probably failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0553W A temperature sensor is not within normal operating temperature thresholds but is within safe operating limits; or, a temperature sensor has been uninstalled.**

**Explanation**

A temperature sensor is not within normal operating temperature thresholds but is within safe operating limits; or, a temperature sensor has been uninstalled.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If a temperature sensor has exceeded the normal operating range but is within safe operating limits:

1. Check that the ambient temperature is not too warm. For the normal operating range, see your product's Setup Guide.
2. Check for any obstructions to the air flow.

If a temperature sensor has been uninstalled:

1. Check that the specified FRU is in the specified enclosure.
2. If the FRU is not in the enclosure, install the FRU immediately.
3. If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latches are locked.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0554I A SES alert for a voltage sensor in the specified enclosure was resolved.**

**Explanation**

A SES alert for a voltage sensor in the specified enclosure was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0554M A voltage sensor is outside a critical voltage threshold in the specified FRU.**

**Explanation**

A voltage sensor is outside a critical voltage threshold in the specified FRU.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that all modules in the enclosure are fully seated in their slots and that their latches are locked.
2. If this does not resolve the issue, the specified FRU has probably failed and should be replaced. When the problem is resolved, an event with the same code will be logged with Resolved severity.

- **FQXST0554W A voltage sensor is not within the normal operating range but is within safe operating limits; or, a voltage sensor was removed.**

**Explanation**

A voltage sensor is not within the normal operating range but is within safe operating limits; or, a voltage sensor was removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

If a voltage sensor has exceeded the normal operating range but is within safe operating limits:

1. Check that all modules in the enclosure are fully seated in their slots and that their latches are locked.
2. If this does not resolve the issue, the specified FRU has probably failed and should be replaced.

If a voltage sensor has been removed:

1. Check that the specified FRU is in the specified enclosure.



2. If the FRU is not in the enclosure, install the FRU immediately.
3. If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latches are locked.
4. If this does not resolve the issue, the specified FRU has probably failed and should be replaced.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0555I A SES alert for an expander in the specified enclosure has been resolved.**

**Explanation**

A SES alert for an expander in the specified enclosure has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0555M The local Expander Controller firmware has detected a level of incompatibility with the partner Expander Controller firmware or hardware. As a preventive measure, the local Expander Controller might disable all the PHYs.**

**Explanation**

The local Expander Controller firmware has detected a level of incompatibility with the partner Expander Controller firmware or hardware. As a preventive measure, the local Expander Controller might disable all the PHYs.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that both the Expander Controllers have the correct firmware revision.
2. If both Expander Controllers have different firmware versions, upgrade the partner controller module to the appropriate firmware that is compatible with the enclosure.
3. Replace the partner controller module.

When the problem is resolved, an event with the same code will be logged with severity of Resolved.

- **FQXST0555W An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.**

**Explanation**

An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the specified FRU is in the specified enclosure.
  - If the FRU is not in the enclosure, install the appropriate FRU immediately.
  - If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latches, if any, are locked.
2. Replace the specified FRU.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0556I A SES alert for an expander in the specified enclosure has been resolved.**

**Explanation**

A SES alert for an expander in the specified enclosure has been resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0556W An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.**

**Explanation**

An expander in a controller module, expansion module, or drawer is mated but is not responding; or, an expander in an expansion module has been removed.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that the specified FRU is in the specified enclosure.
  - If the FRU is not in the enclosure, install the appropriate FRU immediately.
  - If the FRU is in the enclosure, ensure that the FRU is fully seated in its slot and that its latches, if any, are locked.
2. Replace the specified FRU.

When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0557I A SES alert for a current sensor in the specified enclosure was resolved.**

**Explanation**

A SES alert for a current sensor in the specified enclosure was resolved.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0557M An Enclosure Management Processor (EMP) reported an alert condition on a current sensor.**

**Explanation**

A hardware failure has been detected in a current sensor in the specified enclosure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that all modules in the enclosure are fully seated in their slots and that their latches are locked.
2. If this does not resolve the issue, the specified FRU has probably failed and should be replaced. The failed FRU will probably have an amber LED lit.

When the problem is resolved, an event with the same code will be logged with severity of Resolved.

- **FQXST0557W An Enclosure Management Processor (EMP) reported an alert condition on a current sensor.**

**Explanation**

A SES alert condition was detected in a current sensor in the specified enclosure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. Check that all modules in the enclosure are fully seated in their slots and that their latches are locked.
2. If this does not resolve the issue, the specified FRU has probably failed and should be replaced. The failed FRU will probably have an amber LED lit.

When the problem is resolved, an event with the same code will be logged with severity of Resolved.

- **FQXST0562I Virtual pool statistics were reset.**

**Explanation**

Virtual pool statistics were reset.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0563I A disk was restarted.**

**Explanation**

A disk was restarted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0565W One of the PCIe buses is running at less than optimal speed.**

**Explanation**

This event is the result of a hardware problem that has caused the controller to run slower than expected. The system is operational, but I/O performance is degraded.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Replace the controller module that logged this event.

- **FQXST0566I One of the DDR ports has been busy for at least 5 minutes.**

**Explanation**

This event is the result of speed compensation while handling short data blocks. The system is operational, but I/O performance is degraded.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0568I A disk group has mixed physical sector size disks (for example 512n and 512e disks in the same disk group).**

**Explanation**

This event is the result of a user selecting disks with sector formats that do not match, or selecting a global spare replacement with a different sector format than the disk group. This could result in degraded performance for some work loads.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0569I A previously detected SAS host port cable mismatch has been resolved for the specified port number. The proper cable type has been connected.**

**Explanation**

A previously detected SAS host port cable mismatch has been resolved for the specified port number. The proper cable type has been connected.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0569W A SAS host cable mismatch was detected for the specified port number. The specified alternate PHYs have been disabled.**

**Explanation**

For example, a fan-out cable is connected to a controller module host port, but the port is configured to use standard SAS cables, or vice versa.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. To use the connected cable, use the CLI set host-parameters command to configure ports to use the proper cable type.
2. Otherwise, replace the cable with the type of cable that the port is configured to use. When the problem is resolved, an event with the same code will be logged with a severity of Resolved.

- **FQXST0571I Snapshot space exceeded either the low or medium snapshot space threshold.**

**Explanation**

The threshold settings are intended to indicate that the pool is using a significant portion of configured snapshot space and should be monitored. If the storage usage drops below any threshold, event 572 is logged.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0571M Snapshot space exceeded the configured percentage limit of the virtual pool.**

**Explanation**

If the snapshot space limit policy is set to delete snapshots, the system deletes snapshots according to the snapshot retention priority setting until the snapshot space usage drops below the configured limit. Otherwise, the system uses general pool space for snapshots until snapshots are manually deleted. If the storage usage drops below a threshold, event 572 is logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

- If the snapshot space limit policy is set to notify only, you should immediately take steps to reduce snapshot space usage or add storage capacity.
- If the snapshot space policy is set to delete, the system will reduce snapshot space automatically, or log event 573 if no snapshots can be deleted.

- **FQXST0571W Snapshot space exceeded the high snapshot space threshold.**

**Explanation**

The high threshold setting indicates that the pool is nearly out of snapshot space. The threshold settings are intended to indicate that the pool is using a significant portion of configured snapshot space and should be monitored. If the storage usage drops below any threshold, event 572 is logged.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Reduce the snapshot space usage by deleting snapshots that are no longer needed.

- **FQXST0572I The specified virtual pool dropped below one of its snapshot space thresholds.**

**Explanation**

This event indicates that a condition reported by event 571 is no longer applicable.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0573W Snapshot space for a virtual pool cannot be reduced because no snapshots can be deleted.**

**Explanation**

Snapshots cannot be deleted automatically if their retention priority is set to never-delete. Snapshots must also be at the leaf end of a snapshot tree to be considered for deletion. This event is logged when no snapshots in the pool pass these constraints.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Manually delete snapshots to reduce snapshot space.

- **FQXST0574I A peer connection was created.**

**Explanation**

A peer connection was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0575I A peer connection was deleted.**

**Explanation**

A peer connection was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0576I A replication set was created.**

**Explanation**

A replication set was created.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0577I A replication set was deleted.**

**Explanation**

A replication set was deleted.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0578I A replication started.**

**Explanation**

A replication started.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0579I A replication completed.**

**Explanation**

A replication completed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.



- **FQXST0580I A replication was stopped.**

**Explanation**

A replication was stopped.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0581I A replication was suspended.**

**Explanation**

A replication was suspended.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0584I A peer connection was modified.**

**Explanation**

A peer connection was modified.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0585I A replication set was modified.**

**Explanation**

A replication set was modified.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0586I A replication resumed.**

**Explanation**

A replication resumed.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0590M A disk group has been quarantined.**

**Explanation**

This condition resulted from a controller flush/restore failure.

**Severity**

Critical

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

1. To restore the disk group, use the CLI dequarantine command to remove the disk group from quarantine. If more than one disk group is quarantined, you must individually remove each disk group from quarantine, whether it is fault tolerant or not. When the disk group is removed from quarantine, the disk group will return to the state it was in before being quarantined. For example, if the disk group was reconstructing before being quarantined, the disk group will resume reconstructing where it stopped.
2. For a linear disk group, if you want to find where parity is incorrect, use the CLI scrub vdisk command with the fix parameter disabled. This step is optional and not required to fix data integrity issues. For a fault tolerant disk group, run either scrub disk-groups for a virtual disk group or scrub vdisk with the fix parameter enabled for a linear disk group. This step will make the parity consistent with the existing user data, and is required to fix data integrity issues.
3. For a reconstructing disk group, let reconstruction finish, then run either scrub disk-groups for a virtual disk group or scrub vdisk with the fix parameter enabled for a linear disk group. This step will make the parity consistent with the existing user data, and is required to fix data integrity issues.
4. Restore the data to the disk group from a backup copy.

- **FQXST0594I The specified disk in the specified disk group is missing and the disk group is quarantined.**

**Explanation**

In linear storage, any attempt to access volumes for a quarantined disk group from a host will fail. In virtual storage, all volumes in the pool will be forced read-only. If all of the disks become accessible, the disk group will be removed from quarantine automatically with a resulting status of FTOL. If enough disks become accessible to allow reading from and writing to the disk group, the disk group will be removed from quarantine automatically with a resulting status of FTDN or CRIT. If a spare disk is available, reconstruction will begin automatically. When the disk group has been removed from

quarantine, event 173 is logged. For a more detailed discussion of dequarantine, see the WBI or CLI documentation.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.

- **FQXST0595I The specified disk in the specified disk group is missing and the disk group is quarantined.**

**Explanation**

The specified disk in the specified disk group is missing and the disk group is quarantined.

**Severity**

Informational

**Serviceable with log**

No

**Automatically Notify Support**

No

**User Action**

Information only; no action is required.





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