



fc events

ONTAP EMS reference

NetApp
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fc.bridge.fc.port.alert

Severity

ALERT

Description

This message occurs when an FC port goes offline.

Corrective Action

Check cables, SFPs, and connected devices. If the port is intentionally unused, use the Fibre Channel bridge CLI to disable it.

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s FC Port FC_PORT%d offline. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
bridgePort (INT): Port reported by the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.fc.port.notice

Severity

NOTICE

Description

This message occurs when an FC port on the identified bridge comes online.

Corrective Action

(None).

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s FC Port FC_PORT%d connected. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
bridgePort (INT): Port reported by the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.power.alert

Severity

ALERT

Description

This message occurs when an FC-to-SAS bridge power supply fails.

Corrective Action

Check input power and cable. If the problem persists, replace the power supply.

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s Power Supply %s has failed. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.

bridgeName (STRING): Name of the FC-to-SAS bridge.

bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.

bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.

bridgePowerSupply (STRING): Power supply reported by the FC-to-SAS bridge.

addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.power.notice

Severity

NOTICE

Description

This message occurs when an FC-to-SAS bridge power supply returns to normal operation.

Corrective Action

(None).

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s Power supply %s operating normally. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.

bridgeName (STRING): Name of the FC-to-SAS bridge.

bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.

bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.

bridgePowerSupply (STRING): Port reported by the FC-to-SAS bridge.

addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.sas.phy.alert

Severity

ALERT

Description

This message occurs when a SAS port PHY goes offline.

Corrective Action

Check Mini-SAS HD connector, cables, and connected equipment.

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s SAS Port %d Phy %d offline. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.

bridgeName (STRING): Name of the FC-to-SAS bridge.

bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.

bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.

bridgePort (INT): Port reported by the FC-to-SAS bridge.

bridgePhy (INT): SAS port Phy reported by the FC-to-SAS bridge.

addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.sas.phy.notice

Severity

NOTICE

Description

This message occurs when a SAS port PHY on a bridge comes online.

Corrective Action

(None).

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s SAS port %d Phy %d online. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.

bridgeName (STRING): Name of the FC-to-SAS bridge.

bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.

bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.

bridgePort (INT): Port reported by the FC-to-SAS bridge.

bridgePhy (INT): Phy reported by the FC—to-SAS bridge.

addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.sas.port.alert

Severity

ALERT

Description

This message occurs when an SAS port goes offline.

Corrective Action

Check cables, SFPs, and connected devices. If the port is intentionally unused, use the Fibre Channel bridge CLI to disable it.

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s SAS Port SAS_PORT%d offline. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
bridgePort (INT): Port reported by the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.sas.port.notice

Severity

NOTICE

Description

This message occurs when an SAS port on the identified bridge comes online.

Corrective Action

(None).

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s SAS Port SAS_PORT%d connected. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
bridgePort (INT): Port reported by the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.temp.alert

Severity

ALERT

Description

This message occurs when an FC-to-SAS bridge reaches a elevated temperature threshold. The bridge will continue to operate, but action should be taken to reduce the temperature.

Corrective Action

The bridge is experiencing an elevated temperature, which indicates a loss of cooling airflow. Check cooling airflow, fan operation, and ambient temperature, and take action to reduce the FC-to-SAS bridge operating temperature. If this is not done and the temperature continues to rise, the FC-to-SAS bridge will shut down when the critical temperature threshold is reached.

Syslog Message

FC-to-SAS %s bridge with name: %s S/N: %s WWN: %s is operating at elevated temperature (%d C). %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
bridgeTemp (INT): Temperature reported by the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.temp.emergency

Severity

EMERGENCY

Description

This message occurs when an FC-to-SAS bridge reaches a critical temperature threshold. The bridge will shut down to protect the hardware.

Corrective Action

Take immediate action to reduce the operating temperature of the FC-to-SAS bridge to avoid hardware damage. Check cooling airflow, fan operation, and ambient temperature. The FC-to-SAS bridge will shut down when this condition is reached, and will not operate until the temperature is reduced.

Syslog Message

FC-to-SAS %s bridge with name: %s S/N: %s WWN:%s has reached critical temperature (%d C) and will soon shut down. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
bridgeTemp (INT): Temperature reported by the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.temp.notice

Severity

NOTICE

Description

This message occurs when an FC-to-SAS bridge returns to a normal operating temperature. No action needs to be taken, because the FC-to-SAS bridge temperature has returned to normal levels.

Corrective Action

(None).

Syslog Message

FC-to-SAS %s bridge %s S/N: %s WWN: %s temperature has returned to normal (%d C). %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.

bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
bridgeTemp (INT): Temperature reported by the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.throughput.alert

Severity

ALERT

Description

This message occurs when an FC-to-SAS bridge experiences degraded throughput.

Corrective Action

Contact NetApp technical support.

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s is experiencing degraded throughput. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

fc.bridge.throughput.notice

Severity

NOTICE

Description

This message occurs when an FC-to-SAS bridge recovers from degraded throughput.

Corrective Action

(None).

Syslog Message

Fibre Channel %s Bridge %s S/N: %s WWN: %s throughput is normal. %s

Parameters

bridgeType (STRING): Type of the FC-to-SAS bridge.
bridgeName (STRING): Name of the FC-to-SAS bridge.
bridgeSerialNum (STRING): Serial number of the FC-to-SAS bridge.
bridgeWWN (STRING): World-Wide Name (WWN) of the FC-to-SAS bridge.
addlInfo (STRING): Additional information about the alert being generated, if available.

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