



## **fc events**

### ONTAP EMS reference

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# fc events

## fc.bridge events

### 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 an 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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