



## **clus events**

### ONTAP EMS reference

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# clus events

## clus.net events

### clus.net.noNeighbors

#### Severity

ALERT

#### Description

This message occurs when the cluster network ports with "link" reported as "up" are neither receiving CDP nor LLDP neighbor announcements. This is not a supported configuration and can negatively impact the performance of the cluster.

#### Corrective Action

Use the "network port show -ipospace Cluster -link up" command to list the ports expected to receive CDP and/or LLDP announcements. Verify that CDP and/or LLDP is enabled on the switch the cluster ports are wired to. Use the "network device-discovery show" command to view the announcements for each of the cluster ports.

#### Syslog Message

The cluster ports with "link" reported as "up" are neither receiving CDP nor LLDP neighbor announcements.

#### Parameters

(None).

### clus.net.switchlessInv

#### Severity

NOTICE

#### Description

This message occurs when the "switchless-cluster" option is disabled, but one or more cluster ports are directly wired to a cluster port on another node. This could result in packet loss across the cluster network, causing file operations to fail as well as loss of quorum.

#### Corrective Action

Use the "network options switchless-cluster modify" command to enable support for switchless clusters.

#### Syslog Message

One or more cluster ports are directly wired to a cluster port on another node, but the "switchless-cluster" option is not enabled.

#### Parameters

(None).

### clus.net.switchlessMismatch

**Severity**

NOTICE

**Description**

This message occurs when the "switchless-cluster" option is enabled, but all of the cluster ports are wired to a switch. This configuration will negatively impact the performance of the cluster network.

**Corrective Action**

Use the "network options switchless-cluster modify" command to disable support for switchless clusters.

**Syslog Message**

All of the cluster ports are wired to a switch, but the "switchless-cluster" option is enabled.

**Parameters**

(None).

## clus.reboot events

### clus.reboot.internalError

**Severity**

ALERT

**Description**

This message occurs when the cluster reboot detection feature detects an internal software error due to insufficient system resources.

**Corrective Action**

Reboot the node by using the "system node reboot -node <nodename>" command. Contact NetApp technical support if further assistance is needed.

**Syslog Message**

Cluster reboot detection feature detected an internal software error. Error: '%s'.

**Parameters**

**error** (STRING): Internal software error.

### clus.reboot.noBootSequence

**Severity**

ERROR

**Description**

This message occurs when the cluster reboot detection feature fails to obtain the node boot sequence from the /var/BOOT\_SEQ file.

**Corrective Action**

Contact NetApp technical support.

## Syslog Message

Cluster reboot detection feature failed to obtain the node boot sequence from /var/BOOT\_SEQ file.

## Parameters

(None).

## clus.reboot.persistencyError

### Severity

ERROR

### Description

This message occurs when the cluster reboot detection feature fails to save the node reboot information persistently.

### Corrective Action

Reboot the node by using the "system node reboot -node nodename" command. Contact NetApp technical support if further assistance is needed.

## Syslog Message

Cluster reboot detection feature failed to save the node reboot information persistently. Error: '%s'.

## Parameters

**error** (STRING): Error returned by the save operation.

## clus.reboot.rebootDetected

### Severity

NOTICE

### Description

This message occurs when a cluster reboot is detected.

### Corrective Action

(None).

## Syslog Message

Cluster reboot was detected at %s. Sequence number for the cluster reboot was %d. Estimated beginning time of the cluster reboot was %s.

## Parameters

**endtime** (STRING): End time of the cluster reboot.

**sequence** (LONGINT): Sequence number of the detected cluster reboot.

**begintime** (STRING): Estimated beginning time of the cluster reboot based on the last known time the cluster was operational.

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