



clus events

ONTAP EMS reference

NetApp
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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 -ipSPACE 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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