



isns events

ONTAP EMS reference

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isns events

isns.enqueue events

isns.enqueue.failed

Severity

ERROR

Description

This message occurs when the Internet Storage Name Service (iSNS) is not able to enqueue a new operation to the iSNS subsystem.

Corrective Action

The iSNS failed to enqueue an action into the work queue. This may be due to an overloaded system. Please consider moving the Vserver's Management LIF to another node for that Vserver in the cluster with a lighter work-load.

Syslog Message

The iSNS cannot enqueue an operation %s for Vserver %s.

Parameters

event (STRING): Event/Operation that was not enqueued.

vserver (STRING): Name of the Vserver

isns.portal events

isns.portal.info.unavailable

Severity

ERROR

Description

This message occurs when the Internet Storage Name Service (iSNS) is not able to retrieve the portal information required for iSNS registration.

Corrective Action

Ensure that at least one node hosting a IP data LIF for SAN is successfully loaded and operating correctly.

Syslog Message

The iSNS cannot retrieve the portal information for %s: %s.

Parameters

vserver (STRING): Name of the Vserver

err_msg (STRING): Reported error.

isns.reg events

isns.reg.info.unavailable

Severity

ERROR

Description

This message occurs when the Internet Storage Name Service (iSNS) registration information is not valid or not available.

Corrective Action

Check the Data ONTAP® iSNS configuration to ensure that all configuration information is present. Also check the cluster health for the impacted node to ensure that it is online.

Syslog Message

The iSNS registration information for %s was not valid or not available: %s.

Parameters

vserver (STRING): Name of the Vserver

err_msg (STRING): Reported error.

isns.reg.pdu.oversized

Severity

ALERT

Description

This message occurs when the the Internet Storage Name Service (iSNS) registration query packet data unit (PDU) length is larger than the supported maximum value. iSNS will not function properly until the problem is resolved.

Corrective Action

Reconfigure the networking interfaces to reduce the portals until the iSNS registration query PDU is within its maximum value.

Syslog Message

The iSNS registration query for %s failed due to the oversized iSNS query PDU length. Reduce the networking interface portals.

Parameters

vserver (STRING): Name of the Vserver

isns.reg.period.too_small

Severity

INFORMATIONAL

Description

This message occurs when the Internet Storage Name Service (iSNS) requests a registration period that is too small. When this happens, the iSNS client service will be automatically disabled.

Corrective Action

Reconfigure the server to increase the registration period.

Syslog Message

The iSNS registration period for %s was too small (%d); increase the registration period.

Parameters

vserver (STRING): Name of the Vserver

period (INT): Registration period received from the iSNS server

isns.socket events

isns.socket.conn.failed

Severity

ERROR

Description

This message occurs when the TCP socket connection in the Internet Storage Name Service (iSNS) fails to connect to the iSNS server.

Corrective Action

The iSNS failed to create a socket for communicating with the iSNS server. Check the Data ONTAP® network configuration to ensure that the address for the iSNS server is in the routing group for all Vserver Management LIFs for the Vserver and that they are reachable via the clustered Data ONTAP "network ping" command.

Syslog Message

The iSNS TCP socket connection failed for %s to %s: %s

Parameters

vserver (STRING): Name of the Vserver

ip_address (STRING): IP address for the iSNS server.

err_msg (STRING): Reported network error.

isns.socket.setup.failed

Severity

ERROR

Description

This message occurs when the Internet Storage Name Service (iSNS) fails to create a socket for communicating with the iSNS server.

Corrective Action

Check the Data ONTAP® network configuration to ensure that the address for the iSNS server is in the routing group for all Vserver Management LIFs for the Vserver and that they are reachable via the clustered Data ONTAP "network ping" command.

Syslog Message

The iSNS for %s failed to create a socket to %s; check the Data ONTAP network configuration.

Parameters

vserver (STRING): Name of the Vserver

ip_address (STRING): IP address for the iSNS server.

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