



oss events

ONTAP 9.12.1 EMS reference

NetApp
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oss events

oss.config events

oss.config.file.modified

Severity

NOTICE

Description

This message occurs when a configuration file for the the ONTAP® Status Service (OSS) server is modified from its original released version.

Corrective Action

If the modification was intentional, you can ignore this message. If the modification was not intentional, confirm that write access controls to the node's root volume are configured correctly.

Syslog Message

OSS has detected a modified configuration file. Process: %s, file: %s.

Parameters

process (STRING): Name of the process that loaded the modified file.

filepath (STRING): The full file path for the modified file.

oss.eventept events

oss.eventept.conn.lost

Severity

ERROR

Description

This message occurs when the connection between the "event endpoint" and the ONTAP® Status Service (OSS) server is lost. OSS is responsible for collecting system status information, in the form of events, from various internal and external components of the node. Components report events by submitting them to an "event endpoint" which then relays the information to the central OSS server. When the connection between the endpoint and the server is broken, events submitted will be queued until the connection can be restored. If the link is not repaired in a timely manner, some events may be discarded.

Corrective Action

A broken connection is usually a temporary condition. The link will automatically be repaired once inter-process communication is re-established. The service can be tested with the command 'system status show -name "System up time"'. If the up time increments with repeated calls, the connection has been restored. If the connection is not restored in ~10 minutes, contact NetApp technical support.

Syslog Message

OSS Event Endpoint lost connection. Process: %s, Reason: %s.

Parameters

process (STRING): Name of the process that owns the event endpoint

reason (STRING): String containing additional information or reasons for the connection loss

oss.eventept.conn.restored

Severity

NOTICE

Description

This message occurs when the connection between the "event endpoint" and the ONTAP Status Service (OSS) server is restored. This notice will only occur when the same endpoint has previously experienced a loss or disconnect.

Corrective Action

(None).

Syslog Message

OSS Event Endpoint connection restored. Process: %s.

Parameters

process (STRING): Name of the process that owns the event endpoint

oss.monitor events

oss.monitor.noplugins.loaded

Severity

ERROR

Description

This message occurs when the ONTAP® Status Service (OSS) monitor can not load any configured plug-ins. Not having any loaded plug-ins means that OSS monitor is not functional and needs to be fixed.

Corrective Action

Check the configuration under system status in diagnostic mode to make sure that the OSS monitor is configured correctly for the device being monitored. For example, to check that the hypervisor settings are correct for the monitoring of the SDOT hypervisor, show the configuration like this: set -privilege diagnostic; system status hypervisor show Adjust any settings, and then restart the monitor to see whether the plug-in load correctly: set -privilege diagnostic; system status restart -service mond For assistance contact NetApp technical support.

Syslog Message

OSS Monitor has not loaded any plug-ins. Reason: %s.

Parameters

reason (STRING): String containing additional information or reasons for the plug-in load failure.

oss.monitor.plugin.initFail

Severity

ERROR

Description

This message occurs when the initialization of an ONTAP® Status Service (OSS) plug-in fails. A failure can occur due to a misconfiguration within ONTAP, external infrastructure, or a remote device. If this event is encountered, it means that OSS might not successfully handle status events from this source.

Corrective Action

Verify the configuration of the components that are involved in the failure. This might be an internal system, infrastructure, or external device, depending on the purpose of the plug-in. For assistance contact NetApp technical support.

Syslog Message

OSS plug-in failure [%s]: %s

Parameters

name (STRING): Name of the plug-in or instance that is experiencing failure.

reason (STRING): Specific details regarding the failure event.

oss.monitor.snmp.cleared

Severity

NOTICE

Description

This message occurs when a previous ONTAP® Status Service (OSS) monitor had an SNMP error that is now cleared.

Corrective Action

None.

Syslog Message

OSS Monitor SNMP error has been cleared.

Parameters

(None).

oss.monitor.snmp.error

Severity

ERROR

Description

This message occurs when the ONTAP® Status Service (OSS) monitor using SNMP has experienced an error or outage with the device being monitored.

Corrective Action

Check to see that the device has the SNMP agent configured correctly to allow the OSS monitor to function. Consult the device vendor's documentation for setting up the SNMP configuration. For assistance contact

NetApp technical support.

Syslog Message

OSS Monitor has SNMP error. Reason: %s.

Parameters

reason (STRING): String containing additional information or reasons for the SNMP outage.

oss.monitor.v2c.unsupported

Severity

ERROR

Description

This message occurs when the ONTAP® Status Service (OSS) monitor using SNMP has not been configured to use SNMP v3 and has defaulted to trying to use SNMP v2. This is insecure and not supported.

Corrective Action

Configure SNMP v3 monitoring. Each device has a specific configuration needed for SNMP v3. For example, the monitoring of the SDOT hypervisor requires the following command to be completed for configuring SNMP v3: `set -privilege diagnostic; system hypervisor snmpv3-config create|modify ...` For assistance contact NetApp technical support.

Syslog Message

OSS Monitor has SNMP v2 configured, which is not supported.

Parameters

(None).

oss.trap events

oss.trap

Severity

NOTICE

Description

This message occurs when the ONTAP® Status Service gets an SNMP trap from a monitored device.

Corrective Action

(None).

Syslog Message

Trap %s : %s

Parameters

trapname (STRING): Trap SNMP OID or SNMP MIB symbolic name.

trapbody (STRING): Trap body with SNMP OID bindings.

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