device events

ONTAP 9.15.1 EMS reference

NetApp
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device events

device.install events

device.install.successful

Severity

INFORMATIONAL

Description

This message occurs when Data ONTAP® successfully installs one or more devices after a prior installation failure.

Corrective Action

(None).

Syslog Message

Device type %s installation successful for one or more devices that reported installation failure previously.

Parameters

devtype (STRING): SCSI device type.

device.latency events

device.latency.threshold

Severity

NOTICE

Description

This message occurs when a device exceeds the latency threshold for the 30- second monitoring period. The event provides the name of the device, the target device (if applicable), the current threshold value, the average execution latency, and total latency for this period. The event also displays the number of I/O operations for the period, which is used to calculate latency.

Corrective Action

Contact your hypervisor provider if this issue persists. This usually indicates undersized storage in terms of allowed operations per second.

Syslog Message

The device latency in microseconds exceeded the threshold value for device "%s%d" and the associated target device "%s". The threshold is "%d", execution latency is "%d", total latency is "%d", and the number of operations for this period is "%d".

Parameters

devname (STRING): Name of the device. The device name can be "isl" (local to this node), "isp" (local to the partner node) or "ism" (the mediator with no associated target device), which represents the ISCSI name. Any other device name will be the name of the actual target device. If the device name is not "isl", or "isp", or the target device name, the name will always be "n/a".
unit (INT): Unit number of the device.

target_dev (STRING): Name of the target device. The name will be the target (end point) device name if the device name is either "isl" or "isp". Otherwise it is the actual underlying device on this node.
threshold (INT): Monitoring threshold in microseconds.
exec_lat (INT): Execution latency in microseconds for this period.
total_lat (INT): Total latency in microseconds for this period.
num_operations (INT): Number of I/O operations for this period.

device.max events

device.max.count.exceeded

Severity

ERROR

Description

This message occurs when Data ONTAP® cannot install one or more discovered devices since the device type count is at full capacity.

Corrective Action

If possible, remove an existing device of the same type so that device installation can proceed. If the failure persists, contact NetApp technical support.

Syslog Message

Unable to install one or more %s devices discovered on initiator port %s, target port WWNN: %s, WWPN: %s. The device limit (%d) has been reached.

Parameters

devtype (STRING): SCSI device type.
adapter (STRING): Name of the initiator port discovering the device(s).
wwnn (STRING): World Wide Node Name of the target port exporting the device(s).
wwpn (STRING): World Wide Port Name of the target port exporting the device(s).
limit (INT): Device maximum count.

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