



## **nvmeof events**

### **ONTAP 9.13.1 EMS reference**

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# **nvmeof events**

## **nvmeof.cabling events**

### **nvmeof.cabling.clear**

**Severity**

NOTICE

**Description**

This message occurs when all of the cabling issues to the shelf have been corrected.

**Corrective Action**

(None).

**Syslog Message**

The storage cabling issues on node "%s" have been corrected.

**Parameters**

**node\_name** (STRING): Node name connected to the cable.

### **nvmeof.cabling.error**

**Severity**

ERROR

**Description**

This message occurs when there are errors with the cabling to the shelf.

**Corrective Action**

Run the "storage check-cables" node shell command to list the errors. Follow the cabling guide to correct the issues.

**Syslog Message**

There is a storage cabling issue on node "%s". Run the "storage check-cables" node shell command to list the errors.

**Parameters**

**node\_name** (STRING): Node name connected to the cable.

## **nvmeof.hostport events**

### **nvmeof.hostport.clear**

**Severity**

NOTICE

**Description**

This message occurs when a node shelf is no longer cabled incorrectly from a port that is not a storage

port. Indicates condition has cleared.

#### **Corrective Action**

(None).

#### **Syslog Message**

Shelf on node %s with SN %s is no longer cabled incorrectly from a port that is not a storage port.

#### **Parameters**

**node\_name** (STRING): Host name connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.hostport.error**

#### **Severity**

ERROR

#### **Description**

This message occurs when the host port is incorrectly cabled to the shelf.

#### **Corrective Action**

Reconnect the host port to a Storage Ethernet port.

#### **Syslog Message**

Port %s is not configured as a Storage Ethernet port on node %s. It is incorrectly cabled to Shelf with SN %s.

#### **Parameters**

**host\_port** (STRING): Host port connected to the cable.

**node\_name** (STRING): Host name connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.mixedports events**

### **nvmeof.mixedports.clear**

#### **Severity**

NOTICE

#### **Description**

This message occurs when there is no longer a nonrecommended mix of a dedicated port and a nondedicated port cabled from a node to a shelf.

#### **Corrective Action**

(None).

#### **Syslog Message**

There is no longer a nonrecommended mix of a dedicated port and a nondedicated port cabled from node %s to shelf with SN %s.

## Parameters

**node\_name** (STRING): Host port connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.mixedports.error**

### Severity

ERROR

### Description

This message occurs when both primary and secondary host ports are incorrectly cabled to a shelf. This cabling might compromise physical data link redundancy and inhibit system performance.

### Corrective Action

Connect either primary dedicated ports or secondary nondedicated ports to the shelf, but not both port types.

### Syslog Message

There is a nonrecommended mix of a dedicated port and a nondedicated port cabled from node %s to Shelf with SN %s.

## Parameters

**node\_name** (STRING): Host port connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.onlyoneport events**

## **nvmeof.onlyoneport.clear**

### Severity

NOTICE

### Description

This message occurs when there is no longer only one port cabled from a node to a shelf.

### Corrective Action

(None).

### Syslog Message

There is no longer only one port cabled from node %s to shelf with SN %s.

## Parameters

**node\_name** (STRING): Host name connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.onlyoneport.error**

### Severity

ERROR

**Description**

This message occurs when host port is incorrectly cabled to a shelf.

**Corrective Action**

The host port is incorrectly cabled to shelf. two ports must be connected to ensure redundancy.

**Syslog Message**

There is only one port cabled from node %s to Shelf with SN %s.

**Parameters**

**node\_name** (STRING): Host name connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.port events**

### **nvmeof.port.modify**

**Severity**

NOTICE

**Description**

This message occurs when the mode of an NVMe-oF port is changed.

**Corrective Action**

(None).

**Syslog Message**

Changing NVMe-oF port %s to %s mode.

**Parameters**

**port** (STRING): Name of port being configured.

**mode** (STRING): Mode in which to configure port: network or storage.

## **nvmeof.portioma events**

### **nvmeof.portioma.clear**

**Severity**

NOTICE

**Description**

This message occurs when there are no longer two ports cabled incorrectly from a node to top module (A) on a shelf.

**Corrective Action**

(None).

**Syslog Message**

Two ports are no longer cabled incorrectly from node %s to top module (A) on shelf with SN %s.

## Parameters

**node\_name** (STRING): Host port connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.portioma.error**

### Severity

ERROR

### Description

This message occurs when there are two ports cabled to the top module (A) on a shelf.

### Corrective Action

Connect two ports to different modules to provide redundancy.

### Syslog Message

There are two ports cabled from node %s to top module (A) on Shelf with SN %s. One of these cables should be removed.

## Parameters

**node\_name** (STRING): Host port connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.portiomb events**

## **nvmeof.portiomb.clear**

### Severity

NOTICE

### Description

This message occurs when there are no longer two ports cabled incorrectly from a node to bottom module (B) on a shelf.

### Corrective Action

(None).

### Syslog Message

Two ports are no longer cabled incorrectly from node %s to bottom module (B) on shelf with SN %s.

## Parameters

**node\_name** (STRING): Host port connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

## **nvmeof.portiomb.error**

### Severity

ERROR

## Description

This message occurs when there are two ports cabled to the bottom module (B) on a shelf.

## Corrective Action

Connect two ports to different modules to provide redundancy.

## Syslog Message

There are two ports cabled from node %s to bottom module (B) on Shelf with SN %s. One of these cables should be removed.

## Parameters

**node\_name** (STRING): Host port connected to the cable.

**shelf\_sn** (STRING): Serial number of the shelf connected to the cable.

# nvmeof.rdma events

## nvmeof.rdma.disconnect.event

### Deprecated

Deprecated as of version 9.13.1.

### Severity

NOTICE

### Description

This message occurs when the NVMe-oF driver detects an RDMA disconnect. There might be a decrease in performance while reconnecting.

### Corrective Action

(None).

### Syslog Message

NVMe-oF RDMA disconnect on subnqn %s, controller ID %d, qpair ID %d.

### Parameters

**subnqn** (STRING): Subsystem NVMe qualified name.

**ctrlr\_id** (INT): Controller ID.

**qpair** (INT): Qpair ID.

## nvmeof.rdma.disconnect.status

### Deprecated

Deprecated as of version 9.13.1.

### Severity

NOTICE

### Description

This message occurs when the NVMeoF driver detects a command that finishes with a disconnect status. There might be a decrease in performance while reconnecting.



### Corrective Action

(None).

### Syslog Message

NVMe-oF disconnect on subnqn %s, controller ID %d, qpair ID %d.

### Parameters

**subnqn** (STRING): Subsystem NVMe qualified name.

**ctrlr\_id** (INT): Controller ID.

**qpair** (INT): Qpair ID.

## nvmeof.subsystem events

### nvmeof.subsystem.add

#### Severity

NOTICE

#### Description

This message occurs when an NVMe-oF subsystem is added.

#### Corrective Action

(None).

### Syslog Message

NVMe-oF subsystem added at address %s.

### Parameters

**address** (STRING): IP address of subsystem.

### nvmeof.subsystem.delete

#### Severity

NOTICE

#### Description

This message occurs when an NVMe-oF subsystem is deleted.

#### Corrective Action

(None).

### Syslog Message

NVMe-oF subsystem deleted at address %s.

### Parameters

**address** (STRING): IP address of subsystem.

## nvmeof.timeout events

## **nvmeof.timeout**

### **Severity**

NOTICE

### **Description**

This message occurs when the NVMeoF driver detects a timeout on a request. There might be a decrease in performance while retrying.

### **Corrective Action**

(None).

### **Syslog Message**

Timeout on subnqn %s, controller ID %d, qpair ID %d, sequence number %d.

### **Parameters**

**subnqn** (STRING): Subsystem NVMe qualified name.

**ctrlr\_id** (INT): Controller ID.

**qpair** (INT): Qpair ID.

**cid** (INT): NVMe-oF CID.

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