



## **fcvi events**

### **ONTAP 9.11.1 EMS reference**

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# fcvi events

## fcvi.attr events

### fcvi.attr.changed

#### Severity

NOTICE

#### Description

This message occurs when any of the FCVI attributes changes.

#### Corrective Action

(None).

#### Syslog Message

FC-VI adapter: %s changed on port %s. %s

#### Parameters

**attr\_type** (STRING): Attribute type.

**port** (STRING): FCVI Interconnect NIC.

**info** (STRING): Additional info.

## fcvi.cm events

### fcvi.cm.timedout

#### Severity

NOTICE

#### Description

This message occurs when connection requests times out.

#### Corrective Action

(None).

#### Syslog Message

FC-VI adapter: Connection request timedout on port %s. QP name = %s, QP index = %d, Remote node's system id = %llu. %s

#### Parameters

**port** (STRING): FCVI Interconnect NIC.

**qpname** (STRING): QP name.

**qpnum** (INT): QP index.

**system\_id** (LONGINT): Remote node's system id.

**info** (STRING): Additional info.

# fcvi.cross events

## fcvi.cross.connect.detected

### Severity

ERROR

### Description

This message occurs when the fcvi driver detects a cross connection

### Corrective Action

Check the FCVI interconnect cabling at the local and remote nodes. FCVI adapter ports fcvi\_device\_0s and fcvi\_device\_1s should not be connected to the same fabric. Contact NetApp technical support if the problem persists.

### Syslog Message

FC-VI adapter: Cross Connection detected between local port %s and remote port %s. Local System ID = %llu, Remote System ID = %llu.

### Parameters

**lname** (STRING): Local node's port name.  
**rname** (STRING): Remote node's port name.  
**lsid** (LONGINT): Local node's system id.  
**rsid** (LONGINT): Remote node's system id.

# fcvi.disabled events

## fcvi.disabled

### Severity

ALERT

### Description

This message occurs when the HA interconnect card is disabled by the ic-type environment variable.

### Corrective Action

Either remove the HA interconnect card from the controller or change the ic-type environment variable.

### Syslog Message

FC-VI adapter: Port %s has been disabled because of the ic-type environment variable.

### Parameters

**port** (STRING): FCVI Interconnect NIC.

# fcvi.fcrenabled events

## fcvi.fcrEnabled

**Severity**

NOTICE

**Description**

This message occurs if Fiber Channel Routing (FCR) functionality is enabled on the system.

**Corrective Action**

(None).

**Syslog Message**

FC-VI adapter: Fiber Channel Routing (FCR) is enabled.

**Parameters**

(None).

## fcvi.initfailed events

### fcvi.initFailed

**Severity**

ERROR

**Description**

This message occurs when the driver fails to initialize a FC-VI port.

**Corrective Action**

Reboot the controller. Contact NetApp technical support if the problem persists.

**Syslog Message**

FC-VI adapter: %s failed for port %s.

**Parameters**

**operation** (STRING): Type of operation  
**port** (STRING): FCVI Interconnect NIC.

## fcvi.invalid events

### fcvi.invalid.advertisement

**Severity**

ERROR

**Description**

This message occurs when FCVI driver receives invalid advertisement.

**Corrective Action**

(None).

## Syslog Message

FC-VI adapter: Port %s received invalid advertisement. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.

**info** (STRING): Additional info.

## fcvi.invalid.sfp

### Severity

ERROR

### Description

This message occurs when the SFP (Small Form-Factor Pluggable) module of the Fibre Channel Virtual Interface (FC-VI) is invalid or incompatible.

### Corrective Action

Replace the SFP with a compatible one.

## Syslog Message

FC-VI adapter: Invalid SFP - Reason: %s on port %s.

## Parameters

**reason** (STRING): Reason for the incompatibility.

**port** (STRING): Interconnect NIC.

## fcvi.link events

### fcvi.link.down

### Severity

NOTICE

### Description

This message occurs when the physical link of the Fibre Channel Virtual Interface (FC-VI) adapter goes down.

### Corrective Action

1. Ensure that the FC-VI link has not been tampered with.
2. Verify that the physical status of the FC-VI adapter is "Up" by using the command "metrocluster interconnect adapter show".
3. If the configuration includes fabric switches, ensure that they are properly cabled and configured.

## Syslog Message

(None).

## Parameters

**alertId** (STRING): Alert ID.

**alertingResource** (STRING): Alerting resource unique name.

**alertingResourceName** (STRING): Alerting resource name.

**possibleEffect** (STRING): Possible effect for link transition.

**probableCause** (STRING): Probable cause of the event.

**probableCauseDescription** (STRING): Probable cause description of the event.  
**additionalInfo** (STRING): Any additional information for the event.

## fcvi.link.up

### Severity

NOTICE

### Description

This message occurs when the physical link of the Fibre Channel Virtual Interface (FC-VI) adapter comes up.

### Corrective Action

(None).

### Syslog Message

(None).

### Parameters

**alertId** (STRING): Alert ID.

**alertingResource** (STRING): Alerting resource unique name.

## fcvi.qlgc events

### fcvi.qlgc.async.event.overflow

#### Severity

ERROR

#### Description

This message occurs when total number of async events are overflowed.

#### Corrective Action

(None).

#### Syslog Message

FC-VI adapter: Port %s async event overflowed. Resetting the adapter.

#### Parameters

**port** (STRING): FCVI Interconnect NIC.

### fcvi.qlgc.connErr

#### Severity

ERROR

#### Description

This message occurs when the FC-VI adapter detects a connection error. The FC-VI driver will attempt to retry the connection.

## Corrective Action

If this message repeats frequently, there may be an issue with the FC fabric or the adapter. Contact NetApp technical support.

## Syslog Message

FC-VI adapter: Port %s detects connection error. FC-VI opcode = %s(0x%x), QP name = %s, QP index = %d, Remote node's system id = %llu. %s

## Parameters

**port** (STRING): Interconnect NIC.  
**opcode\_str** (STRING): FCVI opcode.  
**opcode** (INHEX): FCVI opcode.  
**qpname** (STRING): QP name.  
**qpnum** (INT): QP number.  
**systemID** (LONGINT): Remote node's system ID.  
**info** (STRING): Additional info.

## fcvi.qlgc.cpr.reset.cancelled

### Severity

ERROR

### Description

This message occurs when the CPR reset initiated by the FC-VI port got cancelled.

### Corrective Action

Reboot the filer. If issue still persists then replace the FCVI adapter.

### Syslog Message

FC-VI adapter: CPR reset initiated by port %s got cancelled. Offlining the port.

### Parameters

**port** (STRING): FCVI Interconnect adapter.

## fcvi.qlgc.cpr.reset.failed

### Severity

ERROR

### Description

This message occurs when the CPR reset initiated by the FC-VI port fails.

### Corrective Action

Reboot the filer. If issue still persists then replace the FCVI adapter.

### Syslog Message

FC-VI adapter: CPR reset initiated by port %s failed.

### Parameters

**port** (STRING): FCVI Interconnect adapter.



## **fcvi.qlgc.cpr.reset.unsupported**

### **Severity**

ERROR

### **Description**

This message occurs when the CPR reset is not supported by the adapter.

### **Corrective Action**

Reboot the filer. If issue still persists then replace the FCVI adapter.

### **Syslog Message**

FC-VI adapter: CPR reset is not supported by port %s.

### **Parameters**

**port** (STRING): FCVI Interconnect adapter.

## **fcvi.qlgc.FrameDiscardErr**

### **Severity**

ERROR

### **Description**

This message occurs when the FC-VI adapter firmware discards a received frame because of a receive frame error.

### **Corrective Action**

(None).

### **Syslog Message**

FC-VI adapter: Discarded a received frame because of a receive frame error. Port %s, QP name = %s, QP index = %d, exchange ID 0x%x, address offset 0x%x, remote node's system id = %llu. %s

### **Parameters**

**port** (STRING): FCVI Interconnect NIC.

**qp\_name** (STRING): QP name.

**qp\_index** (INT): QP number.

**exchange\_id** (INTHEX): Exchange ID.

**address** (INTHEX): Address offset of the last good frame.

**system\_id** (LONGINT): Remote node's system id.

**info** (STRING): Additional info.

## **fcvi.qlgc.hard.reset.failed**

### **Severity**

ERROR

### **Description**

This message occurs when an FC-VI port's soft reset fails.

## Corrective Action

If CPR reset is not supported in the platform, then reboot the filer to recover from this issue. If issue persists then replace the FCVI adapter.

## Syslog Message

FC-VI adapter: Hard reset failed at port %s.

## Parameters

**port** (STRING): FCVI Interconnect adapter.

## fcvi.qlgc.invalid.data

### Severity

ERROR

### Description

This message occurs when FCVI driver receives invalid data from firmware.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Port %s received invalid data. QP index = %d, completion status = %s(status code = %d), opcode = %s(%d), remote node's system id = %llu. %s

### Parameters

**port** (STRING): FCVI Interconnect NIC.

**qpnum** (INT): QP index.

**status** (STRING): Completion status.

**status\_code** (INT): Completion status code.

**opcode\_str** (STRING): FCVI opcode in string.

**opcode** (INT): FCVI opcode.

**systemID** (LONGINT): Remote node's system Id.

**info** (STRING): Additional info.

## fcvi.qlgc.invalid.exch.address

### Severity

ERROR

### Description

This message occurs when FCVI driver receives a response with invalid exchange address.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Port %s received invalid exchange address for %s. QP name = %s, QP index = %d, expected exchange address = 0x%x, received exchange address = 0x%x. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**resp\_type** (STRING): Response type.  
**qpname** (STRING): QP name.  
**qpnum** (INT): QP number.  
**exp\_oxid** (INTHEX): Expected exchange address.  
**rcvd\_oxid** (INTHEX): Received exchange address.  
**info** (STRING): Additional info.

## fcvi.qlgc.invalid.qp

### Severity

ERROR

### Description

This message occurs when FCVI driver receives invalid QP index from firmware.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Port %s received invalid QP. Received QP index = %d, completion status = %s(status code = %d), entry type = %s(entry code = %d). %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**qpnum** (INT): QP index.  
**status** (STRING): Completion status.  
**status\_code** (INT): Completion status code.  
**entry\_type** (STRING): Request/Response entry type.  
**entry\_code** (INT): Request/Response entry code.  
**info** (STRING): Additional info.

## fcvi.qlgc.invalid.response

### Severity

ERROR

### Description

This message occurs when FCVI driver receives invalid response from firmware.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Port %s received invalid response. %s. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**error\_type** (STRING): Type of error.  
**info** (STRING): Additional info.

## fcvi.qlgc.ioErr

### Severity

ERROR

### Description

This message occurs when the FC-VI driver receives some IO error.

### Corrective Action

No corrective action is required. The driver internally resets the adapter if required. However, if you see this message frequently, there might be an issue with the FC fabric or the adapter. Contact NetApp technical support.

### Syslog Message

FC-VI adapter: FCVI driver on port %s received IO error. Status = %s(status code = 0x%x), FCVI opcode = %s(0x%x), QP name = %s, QP index = %d, Remote node's system id = %llu.

### Parameters

**port** (STRING): Interconnect NIC.  
**status\_str** (STRING): Completion status in string.  
**status** (INHEX): Completion status code.  
**opcode\_str** (STRING): FCVI opcode in string.  
**opcode** (INHEX): FCVI opcode.  
**qpName** (STRING): QP name.  
**qpIndex** (INT): QP number.  
**systemID** (LONGINT): Remote node's system ID.

## fcvi.qlgc.login.timedout

### Severity

NOTICE

### Description

This message occurs when port login request times out.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Remote port login timedout on port %s. Remote port id = 0x%x, Remote port handle = %d.  
%s

### Parameters

**port** (STRING): FCVI Interconnect NIC.  
**portid** (INHEX): Remote port identifier.  
**porthandle** (INT): Remote port handle.  
**info** (STRING): Additional info.

## fcvi.qlgc.ls.reject

**Severity**

ERROR

**Description**

This message occurs when the FCVI firmware rejects a link service.

**Corrective Action**

(None).

**Syslog Message**

FC-VI adapter: Link service = %s(code = %d), rejected on port %s. %s

**Parameters**

**ls** (STRING): Link service name.

**ls\_code** (INT): Link service code.

**port** (STRING): FCVI Interconnect NIC.

**info** (STRING): Additional info.

**fcvi.qlgc.mbox.cmd.pending****Severity**

ERROR

**Description**

This message occurs when a mailbox command is pending for a long time.

**Corrective Action**

(None).

**Syslog Message**

FC-VI adapter: Mailbox command '%s(code = 0x%x)' pending on port %s. %s

**Parameters**

**cmd** (STRING): Mailbox command.

**cmd\_code** (INTHEX): Mailbox command code.

**port** (STRING): FCVI Interconnect NIC.

**info** (STRING): Additional info.

**fcvi.qlgc.mbox.cmd.timedout****Severity**

ERROR

**Description**

This message occurs when a mailbox command times out.

**Corrective Action**

(None).

## Syslog Message

FC-VI adapter: Mailbox command '%s(code = 0x%x)' timedout on port %s. %s

## Parameters

**cmd** (STRING): Mailbox command.  
**cmd\_code** (INTHEX): Mailbox command code.  
**port** (STRING): FCVI Interconnect NIC.  
**info** (STRING): Additional info.

## fcvi.qlgc.no.iu.buffer

### Severity

ERROR

### Description

This message occurs when the FCVI firmware identifies no more incoming IU buffers in the free pool.

### Corrective Action

(None).

## Syslog Message

FC-VI adapter: Port %s doesn't have free IU buffer. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**info** (STRING): Additional info.

## fcvi.qlgc.no.recv.buffer

### Severity

ERROR

### Description

This message occurs when the FCVI firmware identifies no more receive buffers available for the incoming receive frames.

### Corrective Action

(None).

## Syslog Message

FC-VI adapter: Port %s doesn't have free receive buffer. QP name = %s, QP index = %d, Message ID = 0x%x. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**qpname** (STRING): QP name.  
**qpnum** (INT): QP index.  
**msg\_id** (INTHEX): Message id of the incoming message.  
**info** (STRING): Additional info.

## fcvi.qlgc.oodErr

### Severity

ERROR

### Description

This message occurs when the FC-VI driver receives out of order completions.

### Corrective Action

No corrective action is required. The driver internally resets the adapter if required. However, if you see this message frequently, there might be an issue with the FC fabric or the adapter. Contact NetApp technical support.

### Syslog Message

FC-VI adapter: FCVI driver on port %s receives out of order completions. FCVI opcode = %s(0x%x), QP name = %s, QP index = %d, Remote node's system id = %llu.

### Parameters

**port** (STRING): Interconnect NIC.  
**opcode\_str** (STRING): FCVI opcode in string.  
**opcode** (INTHEX): FCVI opcode.  
**qpName** (STRING): QP name.  
**qpIndex** (INT): QP number.  
**systemID** (LONGINT): Remote node's system ID.

## fcvi.qlgc.PCIErr

### Severity

ERROR

### Description

This message occurs when the FC-VI adapter firmware encounters a PCI error because it cannot write a frame to host memory.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: PCI error while writing a frame to host memory. Port %s, QP name = %s, QP index = %d, exchange ID 0x%x, address offset 0x%x, remote node's system id = %llu. %s

### Parameters

**port** (STRING): FCVI Interconnect NIC.  
**qp\_name** (STRING): QP name.  
**qp\_index** (INT): QP number.  
**exchange\_id** (INTHEX): Exchange ID.  
**address** (INTHEX): Address offset of the last good frame.  
**system\_id** (LONGINT): Remote node's system id.  
**info** (STRING): Additional info.

## **fcvi.qlgc.port.reset**

### **Severity**

ERROR

### **Description**

This message occurs when a FCVI port resets.

### **Corrective Action**

(None).

### **Syslog Message**

FC-VI adapter: Resetting the port %s. %s

### **Parameters**

**port** (STRING): FCVI Interconnect NIC.

**reason** (STRING): Reason for port reset.

## **fcvi.qlgc.qp.create.err**

### **Severity**

ERROR

### **Description**

This message occurs when QP creation fails.

### **Corrective Action**

(None).

### **Syslog Message**

FC-VI adapter: Failed to create QP on port %s. Requested QP index = %d, completion status = %s(status code = %d). %s

### **Parameters**

**port** (STRING): FCVI Interconnect NIC.

**qpnum** (INT): QP index.

**status** (STRING): Completion status.

**status\_code** (INT): Completion status code.

**info** (STRING): Additional info.

## **fcvi.qlgc.qp.destroy.failed**

### **Severity**

ERROR

### **Description**

This message occurs when the QP destroy request failed.

### **Corrective Action**

(None).



## Syslog Message

FC-VI adapter: QP destroy failed on port %s. QP index = %d. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.

**qpnum** (INT): QP index.

**info** (STRING): Additional info.

## fcvi.qlgc.qpErr

### Severity

ERROR

### Description

This message occurs when the FC-VI driver receives a QP error from the Firmware. The FC-VI driver will attempt to retry the connection.

### Corrective Action

If this message repeats frequently, there may be an issue with the FC fabric or the adapter. Contact NetApp technical support.

## Syslog Message

FC-VI adapter: FCVI driver on port %s received QP Error. QP name = %s, QP index = 0x%x, VI state = %s(state code = 0x%x), sub-error = %s(error code = 0x%x). Remote node's system id = %llu. This error has occurred %d times. %s

## Parameters

**port** (STRING): Interconnect Adapter.

**qpname** (STRING): QP name.

**qpnum** (INTHEX): QP number.

**state\_str** (STRING): QP state.

**state** (INTHEX): QP state code.

**suberror** (STRING): Sub-error.

**code** (INTHEX): Sub-error code.

**system\_id** (LONGINT): Remote node's system ID.

**errcnt** (INT): Number of times QP async error was encountered.

**info** (STRING): Additional info.

## fcvi.qlgc.rcvd.invalid.iu.buffer

### Severity

ERROR

### Description

This message occurs when the FC-VI adapter receives invalid information unit buffer.

### Corrective Action

No corrective action is required. The driver internally resets the adapter if required. However, if you see this message frequently, there might be an issue with the FC fabric or the adapter. Contact NetApp technical support.

## Syslog Message

FC-VI adapter: Port %s received invalid IU buffer. Status = %s(status code = 0x%x), FCVI opcode = %s(0x%x), QP name = %s, QP index = %d, buffer handle = %d, Remote node's system id = %llu. %s

## Parameters

**port** (STRING): Interconnect NIC.  
**status\_str** (STRING): Completion status in string.  
**status** (INTEX): Completion status code.  
**opcode\_str** (STRING): FCVI opcode in string.  
**opcode** (INTEX): FCVI opcode.  
**qpname** (STRING): QP name.  
**qpnum** (INT): QP number.  
**bufhdl** (INT): Buffer handle.  
**systemID** (LONGINT): Remote node's system ID.  
**info** (STRING): Additional info.

## fcvi.qlgc.receive.error

### Severity

ERROR

### Description

This message occurs when the FCVI firmware detects an error in the received frame.

### Corrective Action

(None).

## Syslog Message

FC-VI adapter: Received bad frame on port %s. Mailbox-1 = %d, Mailbox-2 = %d. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**mbox1** (INT): Content of mailbox-1.  
**mbox2** (INT): Content of mailbox-2.  
**info** (STRING): Additional info.

## fcvi.qlgc.received.disconnect

### Severity

NOTICE

### Description

This message occurs when FCVI driver receives disconnect request from partner.

### Corrective Action

(None).

## Syslog Message

FC-VI adapter: Disconnect request received on port %s. QP name = %s, QP index = %d, Remote node's system id = %llu. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**qpname** (STRING): QP name.  
**qpnum** (INT): QP index.  
**system\_id** (LONGINT): Remote node's system id.  
**info** (STRING): Additional info.

## fcvi.qlgc.received.reject

### Severity

NOTICE

### Description

This message occurs when FCVI driver receives connection reject from partner.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Connect request rejected on port %s. QP name = %s, QP index = %d, Remote node's system id = %llu. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**qpname** (STRING): QP name.  
**qpnum** (INT): QP index.  
**system\_id** (LONGINT): Remote node's system id.  
**info** (STRING): Additional info.

## fcvi.qlgc.recvIUErr

### Severity

ERROR

### Description

This message occurs when the FC-VI adapter receives some error in received information unit.

### Corrective Action

No corrective action is required. The driver internally resets the adapter if required. However, if you see this message frequently, there might be an issue with the FC fabric or the adapter. Contact NetApp technical support.

### Syslog Message

FC-VI adapter: Port %s received IU error. Status = %s(status code = 0x%x), FCVI opcode = %s(0x%x), QP name = %s, QP index = %d, buffer handle = %d, Remote node's system id = %llu.

## Parameters

**port** (STRING): Interconnect NIC.  
**status\_str** (STRING): Completion status in string.  
**status** (INHEX): Completion status code.  
**opcode\_str** (STRING): FCVI opcode in string.  
**opcode** (INHEX): FCVI opcode.

**qpname** (STRING): QP name.  
**qpnum** (INT): QP number.  
**bufhdl** (INT): Buffer handle.  
**systemID** (LONGINT): Remote node's system ID.

## **fcvi.qlgc.regDumped**

### **Severity**

NOTICE

### **Description**

This message occurs when the FCVI driver saves a diagnostic dump in a file.

### **Corrective Action**

(None).

### **Syslog Message**

FC-VI adapter: Diagnostic dump for port %s saved to file %s.

### **Parameters**

**port** (STRING): FCVI Interconnect NIC.  
**filename** (STRING): File to which the diagnostic dump was saved.

## **fcvi.qlgc.RespFrameErr**

### **Severity**

ERROR

### **Description**

This message occurs when the adapter firmware sends a response frame with the error bit set.

### **Corrective Action**

(None).

### **Syslog Message**

FC-VI adapter: Firmware sent a response with the error bit set. Port %s, QP name = %s, QP index = %d, exchange ID 0x%x, address offset 0x%x, remote node's system id = %llu. %s

### **Parameters**

**port** (STRING): FCVI Interconnect NIC.  
**qpname** (STRING): QP name.  
**qp\_index** (INT): QP number.  
**exchange\_id** (INTHEX): Exchange ID.  
**address** (INTHEX): Address offset of the last good frame.  
**system\_id** (LONGINT): Remote node's system id.  
**info** (STRING): Additional info.

## **fcvi.qlgc.risc.paused**

### **Severity**

ERROR

**Description**

This message occurs when FCVI RISC is paused.

**Corrective Action**

(None).

**Syslog Message**

FC-VI adapter: Port %s detected a RISC pause error. %s

**Parameters**

**port** (STRING): FCVI Interconnect NIC.

**info** (STRING): Additional info.

**fcvi.qlgc.rmt.link.down****Severity**

NOTICE

**Description**

This message occurs when FCVI driver lost link to partner port.

**Corrective Action**

(None).

**Syslog Message**

FC-VI adapter: Link to partner node over port %s is down. Partner port id = 0x%x, partner node's system id = %llu. %s

**Parameters**

**port** (STRING): FCVI Interconnect NIC.

**port\_id** (INHEX): Partner port id.

**system\_id** (LONGINT): Partner node's system id.

**info** (STRING): Additional info.

**fcvi.qlgc.rmt.link.up****Severity**

NOTICE

**Description**

This message occurs when FCVI driver gets link to partner port.

**Corrective Action**

(None).

**Syslog Message**

FC-VI adapter: Link to partner node over port %s is up. Partner port id = 0x%x, partner node's system id = %llu. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**port\_id** (INTHEX): Partner port id.  
**system\_id** (LONGINT): Partner node's system id.  
**info** (STRING): Additional info.

## fcvi.qlgc.sendIUError

### Severity

ERROR

### Description

This message occurs when the FC-VI adapter fails to send an information unit.

### Corrective Action

No corrective action is required. The driver internally retries. However, if you see this message frequently, there might be an issue with the FC fabric or the adapter. Contact NetApp technical support.

### Syslog Message

FC-VI adapter: Port %s sendIU status = %s(status code = 0x%x), FCVI opcode = %s(0x%x), QP name = %s, QP index = %d, Remote node's system id = %llu. %s

## Parameters

**port** (STRING): Interconnect NIC.  
**status\_str** (STRING): Completion status in string.  
**status** (INTHEX): Completion status code in hex.  
**opcode\_str** (STRING): FCVI opcode in string.  
**opcode** (INTHEX): FCVI opcode in hex.  
**qpName** (STRING): QP name.  
**qpIndex** (INT): QP number.  
**systemID** (LONGINT): Remote node's system id.  
**info** (STRING): Additional info.

## fcvi.qlgc.sent.disconnect

### Severity

NOTICE

### Description

This message occurs when FCVI driver sends disconnect request to remote partner.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Disconnect request sent on port %s. QP name = %s, QP index = %d, Remote node's system id = %llu. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**qpname** (STRING): QP name.  
**qpnum** (INT): QP index.

**system\_id** (LONGINT): Remote node's system id.  
**info** (STRING): Additional info.

## **fcvi.qlgc.soft.reset.failed**

### **Severity**

ERROR

### **Description**

This message occurs when an FC-VI port's soft reset fails.

### **Corrective Action**

None.

### **Syslog Message**

FC-VI adapter: Soft reset failed at port %s.

### **Parameters**

**port** (STRING): FCVI Interconnect adapter.

## **fcvi.qlgc.system.error**

### **Severity**

ERROR

### **Description**

This message occurs when FCVI driver receives system error from FCVI firmware.

### **Corrective Action**

No corrective action is required. The driver internally resets the adapter. However, if you see this message frequently, there might be an issue with the adapter/firmware. Contact NetApp technical support.

### **Syslog Message**

FC-VI adapter: System Error on port %s. %s

### **Parameters**

**port** (STRING): FCVI Interconnect NIC.

**info** (STRING): Additional info.

## **fcvi.qlgc.TimeOutErr**

### **Severity**

ERROR

### **Description**

This message occurs when the adapter firmware cannot send a request.

### **Corrective Action**

(None).

## Syslog Message

FC-VI adapter: Firmware could not send a request. Port %s, QP name = %s, QP index = %d, exchange ID 0x%x, address offset 0x%x, remote node's system id = %llu. %s

## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**qp\_name** (STRING): QP name.  
**qp\_index** (INT): QP number.  
**exchange\_id** (INTHEX): Exchange ID.  
**address** (INTHEX): Address offset of the last good frame.  
**system\_id** (LONGINT): Remote node's system id.  
**info** (STRING): Additional info.

## fcvi.qlgc.transfer.error

### Severity

ERROR

### Description

This message occurs when the FCVI firmware detects a transfer error.

### Corrective Action

(None).

## Syslog Message

FC-VI adapter: %s transfer error on port %s. Affected queue number = %d. %s

## Parameters

**trans\_type** (STRING): Transfer type.  
**port** (STRING): FCVI Interconnect NIC.  
**queue\_num** (INT): Queue number.  
**info** (STRING): Additional info.

## fcvi.qlgc\_regdumpfailed events

### fcvi.qlgc\_regDumpFailed

### Severity

NOTICE

### Description

This message occurs when the HA interconnect driver could not save a diagnostic dump.

### Corrective Action

(None).

## Syslog Message

FC-VI adapter: Failed to save diagnostic dump for port %s. %s.



## Parameters

**port** (STRING): FCVI Interconnect NIC.  
**reason** (STRING): Reason for the failure.

# fcvi.unsupported events

## fcvi.unsupported.config

### Severity

ERROR

### Description

This message occurs when a network adapter port behavior type is set to use FC-VI on a platform that has not been validated for its use and is therefore unsupported.

### Corrective Action

Change the port behavior type to a value other than "FC-VI". Use the "system hardware unified-connect show" command to view network adaptor port information, including the current behavior type. Use the "system hardware unified-connect modify" command to change the network adapter port behavior type.

### Syslog Message

FC-VI port behavior type not supported on network adapter port %s.

## Parameters

**port** (STRING): The network adapter port whose behavior type is set to use FC-VI.

# fcvi.update events

## fcvi.update.link.state

### Severity

NOTICE

### Description

This message occurs when there is a change in physical link state of the Fibre Channel Virtual Interface (FC-VI) adapter.

### Corrective Action

(None).

### Syslog Message

FC-VI adapter: Physical link is %s on port %s.

## Parameters

**link\_state** (STRING): New link state.  
**port** (STRING): Interconnect NIC.

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