



xfcvi events

ONTAP EMS reference

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Table of Contents

xf cvi events	1
xf cvi.attr events	1
xf cvi.attr.changed	1
xf cvi.cm events	1
xf cvi.cm.timedout	1
xf cvi.cross events	2
xf cvi.cross.connect.detected	2
xf cvi.disabled events	2
xf cvi.disabled	2
xf cvi.fcrenabled events	2
xf cvi.fcrEnabled	2
xf cvi.initfailed events	3
xf cvi.initFailed	3
xf cvi.invalid events	3
xf cvi.invalid.advertisement	3
xf cvi.invalid.sfp	4
xf cvi.link events	4
xf cvi.link.down	4
xf cvi.link.up	5
xf cvi.qlgc events	5
xf cvi.qlgc.async.event.overflow	5
xf cvi.qlgc.connErr	5
xf cvi.qlgc.cpr.reset.cancelled	6
xf cvi.qlgc.cpr.reset.failed	6
xf cvi.qlgc.cpr.reset.unsupported	7
xf cvi.qlgc.FrameDiscardErr	7
xf cvi.qlgc.hard.reset.failed	7
xf cvi.qlgc.invalid.data	8
xf cvi.qlgc.invalid.exch.address	8
xf cvi.qlgc.invalid.qp	9
xf cvi.qlgc.invalid.response	9
xf cvi.qlgc.ioErr	10
xf cvi.qlgc.login.timedout	10
xf cvi.qlgc.ls.reject	10
xf cvi.qlgc.mbox.cmd.pending	11
xf cvi.qlgc.mbox.cmd.timedout	11
xf cvi.qlgc.no.iu.buffer	12
xf cvi.qlgc.no.recv.buffer	12
xf cvi.qlgc.oodErr	13
xf cvi.qlgc.PCIErr	13
xf cvi.qlgc.port.reset	14
xf cvi.qlgc.qp.create.err	14
xf cvi.qlgc.qp.destroy.failed	14

xf cvi.ql gc.qpErr	15
xf cvi.ql gc.rcvd.invalid.iu.buffer	15
xf cvi.ql gc.receive.error	16
xf cvi.ql gc.received.disconnect	16
xf cvi.ql gc.received.reject	17
xf cvi.ql gc.recvIUErr	17
xf cvi.ql gc.regDumped	18
xf cvi.ql gc.RespFrameErr	18
xf cvi.ql gc.risc.paused	18
xf cvi.ql gc.rmt.link.down	19
xf cvi.ql gc.rmt.link.up	19
xf cvi.ql gc.sendIUError	20
xf cvi.ql gc.sent.disconnect	20
xf cvi.ql gc.soft.reset.failed	21
xf cvi.ql gc.system.error	21
xf cvi.ql gc.TimeOutErr	21
xf cvi.ql gc.transfer.error	22
xf cvi.ql gc_regdumpfailed events	22
xf cvi.ql gc_regDumpFailed	22
xf cvi.unsupported events	23
xf cvi.unsupported.config	23
xf cvi.update events	23
xf cvi.update.link.state	23

xfcvi events

xfcvi.attr events

xfcvi.attr.changed

Severity

NOTICE

Description

This message occurs when any of the xfcvi attributes changes.

Corrective Action

(None).

Syslog Message

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

Parameters

attr_type (STRING): Attribute type.

port (STRING): xfcvi Interconnect NIC.

info (STRING): Additional info.

xfcvi.cm events

xfcvi.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): xfcvi Interconnect NIC.

qpname (STRING): QP name.

qpnum (INT): QP index.

system_id (LONGINT): Remote node's system id.

info (STRING): Additional info.

xfcvi.cross events

xfcvi.cross.connect.detected

Severity

ERROR

Description

This message occurs when the xfcvi driver detects a cross connection

Corrective Action

Check the xfcvi interconnect cabling at the local and remote nodes. xfcvi adapter ports xfcvi_device_0s and xfcvi_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.

xfcvi.disabled events

xfcvi.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): xfcvi Interconnect NIC.

xfcvi.fcrenabled events

xfcvi.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).

xfcvi.initfailed events

xfcvi.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): xfcvi Interconnect NIC.

xfcvi.invalid events

xfcvi.invalid.advertisement**Severity**

ERROR

Description

This message occurs when xfcvi driver receives invalid advertisement.

Corrective Action

(None).

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect NIC.

info (STRING): Additional info.

xfcvi.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.

xfcvi.link.events

xfcvi.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.

xfcvi.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.

xfcvi.qlgc events

xfcvi.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): xfcvi Interconnect NIC.

xfcvi.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): xfcvi opcode.
opcode (INTHEX): xfcvi opcode.
qpname (STRING): QP name.
qpnum (INT): QP number.
systemID (LONGINT): Remote node's system ID.
info (STRING): Additional info.

xfcvi.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 xfcvi adapter.

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect adapter.

xfcvi.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 xfcvi adapter.

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect adapter.

xfcvi.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 xfcvi adapter.

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect adapter.

xfcvi.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): xfcvi 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.

xfcvi.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 xfcvi adapter.

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect adapter.

xfcvi.qlgc.invalid.data

Severity

ERROR

Description

This message occurs when xfcvi 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): xfcvi Interconnect NIC.

qpnum (INT): QP index.

status (STRING): Completion status.

status_code (INT): Completion status code.

opcode_str (STRING): xfcvi opcode in string.

opcode (INT): xfcvi opcode.

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

info (STRING): Additional info.

xfcvi.qlgc.invalid.exch.address

Severity

ERROR

Description

This message occurs when xfcvi 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): xfcvi 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.

xfcvi.qlgc.invalid.qp

Severity

ERROR

Description

This message occurs when xfcvi 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): xfcvi 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.

xfcvi.qlgc.invalid.response

Severity

ERROR

Description

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

Corrective Action

(None).

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect NIC.
error_type (STRING): Type of error.
info (STRING): Additional info.

xfcvi.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: xfcvi driver on port %s received IO error. Status = %s(status code = 0x%x), xfcvi 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): xfcvi opcode in string.
opcode (INHEX): xfcvi opcode.
qpName (STRING): QP name.
qpIndex (INT): QP number.
systemID (LONGINT): Remote node's system ID.

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

xfcvi.qlgc.ls.reject

Severity

ERROR

Description

This message occurs when the xfcvi 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): xfcvi Interconnect NIC.

info (STRING): Additional info.

xfcvi.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): xfcvi Interconnect NIC.

info (STRING): Additional info.

xfcvi.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): xfcvi Interconnect NIC.
info (STRING): Additional info.

xfcvi.qlgc.no.iu.buffer

Severity

ERROR

Description

This message occurs when the xfcvi 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): xfcvi Interconnect NIC.
info (STRING): Additional info.

xfcvi.qlgc.no.recv.buffer

Severity

ERROR

Description

This message occurs when the xfcvi 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): xfcvi Interconnect NIC.
qpname (STRING): QP name.
qpnum (INT): QP index.
msg_id (INTHEX): Message id of the incoming message.
info (STRING): Additional info.

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

Parameters

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

xfcvi.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): xfcvi 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.

xfcvi.qlgc.port.reset

Severity

ERROR

Description

This message occurs when a xfcvi port resets.

Corrective Action

(None).

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect NIC.

reason (STRING): Reason for port reset.

xfcvi.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): xfcvi Interconnect NIC.

qpnum (INT): QP index.

status (STRING): Completion status.

status_code (INT): Completion status code.

info (STRING): Additional info.

xfcvi.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): xfcvi Interconnect NIC.

qpnum (INT): QP index.

info (STRING): Additional info.

xfcvi.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: xfcvi 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.

xfcvi.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), xfcvi 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 (INTEHEX): Completion status code.
opcode_str (STRING): xfcvi opcode in string.
opcode (INTEHEX): xfcvi opcode.
qpname (STRING): QP name.
qpnum (INT): QP number.
bufhdl (INT): Buffer handle.
systemID (LONGINT): Remote node's system ID.
info (STRING): Additional info.

xfcvi.qlgc.receive.error

Severity

ERROR

Description

This message occurs when the xfcvi 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): xfcvi Interconnect NIC.
mbox1 (INT): Content of mailbox-1.
mbox2 (INT): Content of mailbox-2.
info (STRING): Additional info.

xfcvi.qlgc.received.disconnect

Severity

NOTICE

Description

This message occurs when xfcvi 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): xfcvi Interconnect NIC.
qpname (STRING): QP name.
qpnnum (INT): QP index.
system_id (LONGINT): Remote node's system id.
info (STRING): Additional info.

xfcvi.qlgc.received.reject

Severity

NOTICE

Description

This message occurs when xfcvi 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): xfcvi Interconnect NIC.
qpname (STRING): QP name.
qpnnum (INT): QP index.
system_id (LONGINT): Remote node's system id.
info (STRING): Additional info.

xfcvi.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), xfcvi 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 (INTEX): Completion status code.
opcode_str (STRING): xfcvi opcode in string.
opcode (INTEX): xfcvi opcode.

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

xfcvi.qlgc.regDumped

Severity

NOTICE

Description

This message occurs when the xfcvi 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): xfcvi Interconnect NIC.
filename (STRING): File to which the diagnostic dump was saved.

xfcvi.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): xfcvi 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.

xfcvi.qlgc.risc.paused

Severity

ERROR

Description

This message occurs when xfcvi RISC is paused.

Corrective Action

(None).

Syslog Message

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

Parameters

port (STRING): xfcvi Interconnect NIC.

info (STRING): Additional info.

xfcvi.qlgc.rmt.link.down**Severity**

NOTICE

Description

This message occurs when xfcvi 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): xfcvi Interconnect NIC.

port_id (INTHEX): Partner port id.

system_id (LONGINT): Partner node's system id.

info (STRING): Additional info.

xfcvi.qlgc.rmt.link.up**Severity**

NOTICE

Description

This message occurs when xfcvi 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): xfcvi Interconnect NIC.
port_id (INTHEX): Partner port id.
system_id (LONGINT): Partner node's system id.
info (STRING): Additional info.

xfcvi.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), xfcvi 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): xfcvi opcode in string.
opcode (INTHEX): xfcvi opcode in hex.
qpName (STRING): QP name.
qpIndex (INT): QP number.
systemID (LONGINT): Remote node's system id.
info (STRING): Additional info.

xfcvi.qlgc.sent.disconnect

Severity

NOTICE

Description

This message occurs when xfcvi 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): xfcvi Interconnect NIC.
qpname (STRING): QP name.
qpnum (INT): QP index.

system_id (LONGINT): Remote node's system id.
info (STRING): Additional info.

xfcvi.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): xfcvi Interconnect adapter.

xfcvi.qlgc.system.error

Severity

ERROR

Description

This message occurs when xfcvi driver receives system error from xfcvi 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): xfcvi Interconnect NIC.

info (STRING): Additional info.

xfcvi.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): xfcvi 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.

xfcvi.qlgc.transfer.error

Severity

ERROR

Description

This message occurs when the xfcvi 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): xfcvi Interconnect NIC.
queue_num (INT): Queue number.
info (STRING): Additional info.

xfcvi.qlgc_regdumpfailed events

xfcvi.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): xfcvi Interconnect NIC.
reason (STRING): Reason for the failure.

xfcvi.unsupported events

xfcvi.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.

xfcvi.update events

xfcvi.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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