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<b>Supersedes</b> 85-0063-02	<b>Version 4.0</b> <b>QLogic® InfiniBand Fibre Channel</b> <b>Bridge Module for IBM BladeCenter</b>	<b>Page 1 of 8</b>

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Version 4.0 QLogic © InfiniBand Fibre Channel Bridge Module for IBM BladeCenter

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## Introduction

### Purpose

The purpose of this document is to provide a description of Release 4.0 of the QLogic InfiniBand Fibre Channel Bridge Module for IBM BladeCenter.

### Summary

The FC/IB bridge enables InfiniBand within the BladeCenter chassis while seamlessly connecting the chassis to an external Fibre Channel fabric via six, 4 Gb FC connections.

### New Features

- None. This is the initial release.

### Notes

Included in this release:

- QLogic InfiniBand Fibre Channel Bridge Module for IBM BladeCenter
  - QLogic Part #: BCH-6x4GFC-Bridge-O
  - IBM Part #: 39Y9208
- QLogic firmware Version 4.0.0.3.7
- QLogic bootROM Version 4.0.0.3.7



Version 4.0 QLogic © InfiniBand Fibre Channel Bridge Module for IBM BladeCenter

## Installation

### Installation Requirements

#### Software and Firmware Requirements

*QLogic firmware Version 4.0.0.3.7*

*QLogic bootROM Version 4.0.0.3.7*

- **Software and Firmware Versions Tested for IBM BladeCenter**
  - *Blade Center H Management Module version BPET23A, Revision 35*
  - *Cisco HCA firmware version 4.06.0000*
  - *Cisco Switch Module version BRHIBSM, Revision 0260*

### Installation Instructions

For installation instructions, please see the IBM BladeCenter Installation Guide.

### Upgrade Instructions

*None.*

### Post-Installation Tasks

*None.*



## QLogic InfiniBand Fibre Channel Bridge Product-Specific Information

### Function and Operation Changes

This release has a number of functional differences including the following:

*None.*

### Enhancements and Fixes

This section describes the enhancements and fixes since the last release.

#### Fixes Since 4.0.0.3.5

- **Bridge module serial numbers are not IBM 11S card serial numbers.**  
**Fix:** Code modified to support 11S serial number format.  
**Verification Method:** Verified with new code.

### Known Product Limitations

This section describes the known product limitations for this release.

- **Can not modify SNMPv3 users via Chassis Viewer**  
**Workaround:** (1) Delete the user, then (2) add the user(s) with the desired settings.
- **Can not add a SNMPv3 userid with PRIV=DES**  
**Impact:** This type of user can not be added.
- **Select Boot Image button does not work properly between a firmware download and a reboot**  
**Description:** The Maintenance – Select Boot Image button does not work properly if it is used between the time when a new firmware version has been downloaded and the Bridge Module is rebooted.  
**Impact/Workaround:** After downloading a new version, reboot the Bridge Module. Once the reboot has completed, if you wish to run the original image, then use the Select Boot Image button to select the image and reboot the Bridge Module.
- **CLI output not formatted properly when using an ssh session**



**Description:** When using some terminal emulators, the CLI output is not formatted properly when using an ssh session, making it difficult to interpret the CLI output.

**Impact/Workaround:** Configure the terminal emulator to use an implicit carriage return (CR) in every line feed (LF).

- ***Fibre Channel Bridge Module GUI: Stale pages sometimes appear after a firmware update when using Internet Explorer***

**Description:** After a firmware upgrade, stale pages are infrequently displayed when using Internet Explorer.

**Impact/Workaround:** Clearing the Internet Explorer browser cache files will allow the correct pages to be displayed.

- ***In spite of the displayed system output, the CLI commands setModuleIpAddr and setDefaultRoute do not work.***

**Description:** Although command output is displayed, the CLI commands setModuleIpAddr and setDefaultRoute do not work. This is also the case for the Chassis Viewer buttons 'Set OOB LAN IP' and 'Set Default Gateway IP'.

**Impact/Workaround:** Use the MM to change the IP address or Gateway address of any Bridge Module.

- ***SNMP Target Address entries can not be added or deleted using the Chassis Viewer***

**Description:** The SNMP Target Address entries can not be added or deleted using the Chassis Viewer

**Impact/Workaround:** The workaround is to use the CLI command snmpTargetAddr to add or delete rows to the SNMP Target Address Table.

- ***The Chassis Viewer FC Trap Control button does not generate traps***

**Description:** The Chassis Viewer Trap Control – FC Trap Control button does not generate traps

**Impact/Workaround:** Can not test trap scenarios without actually causing the trap condition



- ***Newly inserted Bridge Module can not be pinged from the MM***  
**Description:** If a new Bridge Module is inserted into a BladeCenter chassis, the Bridge Module might not be able to be pinged from the MM.  
**Workaround:** If this occurs, the user should restart the MM
- ***After a management module failover, can not access the bridge module via GUI or Telnet***  
**Description:** After a management module (MM) failed over to a different MM, the bridge modules could be pinged. However, the bridge modules could not be accessed via Telnet or the GUI.  
**Impact/Workaround:** Following an MM failover condition, the user must remove and reinsert the bridge module(s), or make the original primary MM the primary MM once again.
- ***Unable to configure an internal InfiniBand port for 1X speeds***  
**Workaround:** To connect bridge modules to the high-speed switch module and pass traffic via at 1X speeds, the user should lower the internal port speed settings (port 15 or 16 to the bridge module) on the high-speed switch module from 4X to 1X. The bridge module speed setting auto-negotiates to match the settings on the switch module.