# HP BLc QLogic 4X QDR InfiniBand Switch Release Notes

## Firmware Version 7.0.0.0.35

Part number: QL-IBSRN-1G
First edition: September 2011

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# 1 Version

These release notes describe the changes, fixes, known issues and release details that apply to firmware version 7.0.0.0.35 for the HP BLc QLogic 4X QDR IB Switch (HP PN 505958-B21) and optional management module (HP P/N 505959-B21).

# 2 Changes

## Hardware Support

- N/A

## OS Support

- N/A

## Software Components

- N/A

## Industry Standards Compliance

- N/A

# 3 Bug Fixes

Between 6.1.0.0.72 and 7.0.0.0.35:

- When a switch has an IPv6 address, the web browser refresh button(s) now works properly.

Between 6.0.2.1.11 and 6.1.0.0.72:

- SNMP Walks no longer cause a management module to reboot.

# 4 Known Issues

The table below provides instructions to resolve each known issue for the QLogic Firmware version 7.0.0.0.35.

| **Known Issue** | **Instructions** |
|---|---|
| The `ismPortStats` command cannot be used with the `-port` option for Bay ports in the HP BLc QLogic 4X QDR IB Switch CLI. | Specify the `ismPortStats` command without the `-port` option to view the Port Statistics for Bay ports. |
| When rebooting the HP BLc QLogic 4X QDR IB Switch via Chassis Viewer, the page may not refresh properly after the reboot is complete. | Refresh the browser page. |
| It may take several minutes for the ports on the HP BLc QLogic 4X QDR IB Switch to initialize after a `portdisable` or `portenable` operation is performed. | None. |
| Setting the `idleTimeoutSet` only applies to the CLI session. GUI sessions will not time out and remain active, enabling users to navigate the system and change settings. | None. |
| Connections from a BL685 mezzanine 1 port 2 to the HP BLc QLogic 4X QDR IB Switch are not supported. | None. It is recommended to use a different mezzanine location on the BL685. |

# 5 Additional Information

## Included in This Release

- HP BLc QLogic 4X QDR IB Switch firmware version 7.0.0.0.35 (X.xt3.7.0.0.0.35.pkg)
- HP BLc QLogic 4X QDR IB Switch embedded firmware version 7.0.0.0.35 (QLogic_12000_V1_firmware.7.0.0.0.35.emfw)

## Miscellaneous

- For access to the QLogic Fabric Manager, the QLogic InfiniBand Fabric Suite is required (v6.0.2.0.28 or higher).
- The switch-based QLogic Fabric Manager supports a maximum of 500 nodes.
- The HP BLc QLogic 4X QDR IB Switch will auto-negotiate to the proper speed with any device that is configured for IBTA compliant auto-negotiation.
- QLogic products will auto-negotiate with devices that utilize IBTA-compliant auto-negotiation.

  **NOTE:** When attaching QLogic products to a third-party device, the bit error rate is optimized if the third-party device utilizes attenuation-based tuning.
- The HP BLc QLogic 4X QDR IB Switch has been qualified with the following web browsers:
  - Internet Explorer versions 7.0 and 8.0 for Windows
  - Firefox versions 3.0 and 3.6 for Windows
  - Firefox versions 3.0 and 3.6 for Linux

# 6 HP BLc QLogic 4X QDR InfiniBand Switch documentation

The HP BLc QLogic 4X QDR IB Switch kit also includes:

- Installation Guide

The other guides associated with the switch, not included in the kit are:

- User Guide
- CLI Reference Guide

All of the documentation referenced in this document is currently available on the Hewlett-Packard and QLogic websites.

# 7 Hardware Supported

These release notes apply to the following HP part numbers:

| HP Part Number | Description |
|---|---|
| 505958-B21 | HP BLc QLogic 4X QDR InfiniBand Switch |
| 505959-B21 | HP BLc QLogic 4X QDR InfiniBand Management Module |
| 583210-B21 | HP BLc QLogic 4X QDR InfiniBand Mezzanine HCA* |

* And all other InfiniBand HCAs and switches qualified by QLogic and HP as interoperable with the hardware listed above.

# 8 Technical Support

Contact your HP representative if you need additional information.