

## QLogic 12000

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## 1. Version

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These release notes describe the changes, fixes, known issues and release details that apply to firmware version 5.0.0.0.73 for the QLogic 12000 family of quad data rate (QDR) InfiniBand switches.

## 2. Changes

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None. This is the initial release.

### Hardware Support

- None

### OS Support

- None

## Software Components

- None.

## Industry Standards Compliance

- None.

## Miscellaneous

- None.

## 3. Bug Fixes

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None. This is the initial release.

- 12000 Series Common:
  - None.
- 12200 Specific:
  - None.
- 12300 Specific:
  - None.
- 12800 Series Common :
  - None.
- 12800-180 Specific:
  - None.
- 12800-360 Specific:
  - None.

Miscellaneous:

- None

## 4. Known Issues

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Known Issue	Workaround
For the lowest-numbered Management Module in each switch, the serial number displayed in the Chassis Viewer Management Module Information section is incorrect.	To get accurate serial number information: <ol style="list-style-type: none"><li>1. Click on the Chassis Viewer View FRU button for the lowest-numbered Management Module..</li><li>2. Use the CLI command <code>fruInfo &lt;lowest-numbered MM&gt;</code>.</li></ol>
In a dual-managed chassis, changing the chassis IP or default gateway IP address affects only one management module instead of both.	The chassis IP or default gateway IP address must be changed on both MMs. Steps to change the IP address: <ol style="list-style-type: none"><li>1. Connect to the switch with either telnet/ssh or Chassis Viewer.</li><li>2. In the switch CLI or GUI, enter the new chassis IP or gateway IP address(es). The IP address has now been changed on the first MM.</li><li>3. Reboot the Master MM. The other MM will take over as Master.</li><li>4. Connect to the switch again, still using the original chassis or gateway IP address(es).</li><li>5. Enter the new IP address again. The IP address has now been changed on both MMs.</li></ol>
On rare occasions, a port to either an IB Adapter or a switch may be stuck in the INIT state, even after the subnet manager (SM) has swept the fabric.	<ol style="list-style-type: none"><li>1. To disable the port, use the CLI command <code>ismPortDisable &lt;portname&gt;</code>.</li><li>2. To enable the port, use the CLI command <code>ismPortEnable &lt;portname&gt;</code>.</li></ol>
On very rare occasions, a port may be stuck in the Training state. Therefore, the port will not go Active.	This condition can only be cleared by rebooting the chassis.

## 5. Additional Information

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### Included in this release:

- **QLogic 12000 Firmware version 5.0.0.0.73 (X.xt3.5.0.0.0.73.pkg) for the following switches:**
  - **QLogic 12200**
  - **QLogic 12300**
  - **QLogic 12800-180**
  - **QLogic 12800-360**

**Miscellaneous:**

- For access to the QLogic Fabric Manager, the QLogic InfiniBand Fabric Suite is required.
- The embedded version of the QLogic Fabric Manager supports a maximum of 500 nodes.
- For ConnectX InfiniBand Adapters, Mellanox firmware version 2.6.648 or greater is required. This firmware is included in InfiniBand Fabric Suite version 5.0.0.0.82.
- The QLogic switches will auto-negotiate to the proper speed with any device that is configured for IBTA compliant autonegotiation.
- The Bit Error Rate for the links of these switches is on the order of 10 to the minus 14th or better.

## 6. Trademarks

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## 8. Contacting Support

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Please feel free to contact your QLogic approved reseller or QLogic Technical Support at any phase of integration for assistance. QLogic Technical Support can be reached by the following methods:

Web: <http://support.qlogic.com>

Email: [support@qlogic.com](mailto:support@qlogic.com)

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