

SilverStorm™ 9000

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1. Version

These release notes describe the changes, fixes, known issues, and release details that apply to the SilverStorm 9000 switches, firmware version 4.2.5.0.1.

2. Changes

The following changes and fixes have been made between versions 4.2.4.2.1 and 4.2.5.0.1.

Hardware Support

None

OS Support

None

Software Components

None

Industry Standards Compliance

N/A

Miscellaneous

None

3. Bug Fixes

The following fixes have been made between versions 4.2.4.2.1 and 4.2.5.0.1:

9000 Series (all switches)

- The MTU size is now set properly on all hot-swapped spines.
- All spine and leaf modules now have the correct MTU size following a reboot.

9024CU Specific

- The command `iba_chassis_admin reboot` no longer fails on a 9024 switch.

9020 Specific

None

9040 Specific

None

9080 Specific

None

9120 Specific

- Tunings have been improved on ISL links. These links are now free of symbol errors.

9240 Specific

None

Miscellaneous

None

4. Known Issues

Known Issue	Workaround
<p>(9000 common) If thresholds for symbol errors have been set (ismSetPStatThresh) and a host directly attached to the switch is rebooted, a message similar to the following appears in the switch log:</p> <pre>MasterSpine1-> W 2006/07/11 13:47:29.640D: Thread "ibStatThr" (0x868a3d80) TMS: Infiniband Error Statistic Overlimit: icsIBStatMib: portSymbolErr Port name: L04P03 Id : 0 Rate: 65535 Threshold: 1 W 2006/07/11 13:47:30.640D: Thread "ibStatThr" (0x868a3d80)</pre>	None. These errors can be safely ignored.

5. Additional Information

Included in this release:

SilverStorm 9000 firmware version 4.2.5.0.1 for the following switches:

- SilverStorm 9024CU
- SilverStorm 9020
- SilverStorm 9040
- SilverStorm 9080
- SilverStorm 9120
- SilverStorm 9240

NOTE: SilverStorm 9000 boot ROM version 3.3.0.0.12 or greater is supported.

Miscellaneous

- Due to changes in the 4.2 switch chip firmware, when upgrading from a previous release, it may take up to 8 minutes to update a fully-populated 9120 switch (or a fully-populated hemisphere of a 9240 switch) when upgrading firmware from versions 4.0.x or 4.1.x.
- If there are two managed spines in a 9080 or 9120 switch, or two managed spines in the same hemisphere of a 9240 switch, this release must be placed on both spines as the inactive image. Both spines must then be set to boot to this image. Once the update is complete, reboot both spines. This will be a disruptive reboot. QLogic recommends that both spines run the same firmware version.

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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>

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