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Release Notes

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 4.2.5.5.1.

2 Changes

The following changes and fixes have been made between versions 4.2.5.3.2 and 4.2.5.5.1.

Hardware Support

None

OS Support

None

Software Components

♦ A license key is no longer required in order to run the Embedded Subnet Manager (ESM).

Industry Standards Compliance

N/A

3 Bug Fixes

The following fixes have been made between versions 4.2.5.3.2 and 4.2.5.5.1:
- ♦ 9000 Series Common:
  - o None.
- ♦ 9024CU Specific:
  - o None.
- ♦ 9020 Specific:
  - o None.
- ♦ 9040 Specific:
  - o None.
- ♦ 9080 Specific:
  - o None.
- ♦ 9120 Specific:
  - o None.
- ♦ 9240 Specific:
  - o None.
- ♦ Miscellaneous:
  - o None.

The following fixes have been made between versions 4.2.5.2.1 and 4.2.5.3.2:
- ♦ 9000 Series Common:
  - o Fixed SSH performance issues.
  - o There is no longer a subnet manager (SM) memory leak on the second sweep of a fabric.
  - o Performing a 'capture' on a switch running the master embedded subnet manager no longer causes subnet manager timeouts and failover.
- ♦ 9024CU Specific:
  - o None.
- ♦ 9020 Specific:
  - o None.
- ♦ 9040 Specific:
  - o None.
- ♦ 9080 Specific:
  - o None.
- ♦ 9120 Specific:
  - o None.
- ♦ 9240 Specific:
  - o None.
- ♦ Miscellaneous:
  - o None.

4 Known Issues

Known Issue	Workaround

(9000 Common) If thresholds for symbol errors have been set (ismSetPStatThresh) and a host directly-attached to the switch is rebooted, the user will see a message similar to the following in the switch log:
 	
`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)`
	None. These errors can be safely ignored.

5 Additional Information

5.1 Included in this release:

SilverStorm 9000 Firmware version 4.2.5.5.1 for the following switches:

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

    NOTE: SilverStorm 9000 BootRom version 3.3.0.0.12 or greater is supported.

5.2 Miscellaneous:

- ♦ Due to changes in the 4.2 switch chip firmware, when upgrading from a previous release it will take up to 8 minutes to update a fully-populated 9120 chassis (or 9240 hemisphere) when upgrading from a 4.1 or 4.0 level of firmware.
- ♦ If there are dual managed spines in a chassis, this release must be placed on both spines as the inactive image. Both spines must then be set to boot into this image. Once complete, reboot both spines. This will be a disruptive reboot. It is recommended to always have both spines running the same version of firmware.

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