

HP Cluster Platform

Cisco Supported Firmware Matrix



This document describes the minimum firmware versions required for correct operation of the Cisco InfiniBand interconnects with HP Cluster Platform components.

Cisco Supported Firmware Matrix	1
Overview	2
Firmware Installation/Upgrade Guidelines	2
Support Matrix for Cisco InfiniBand Products: May 19, 2008	2

Overview

The tables in this document list the minimum firmware versions required for correct operation of the Cisco InfiniBand interconnects used with HP Cluster Platform components. HP recommends that you install the latest released firmware version, which may be newer than the versions listed in this document. You can also find related Cisco InfiniBand documentation on the Interconnect Documentation bookshelf at the following URL:

<http://www.docs.hp.com/en/highpercomp.html>

If you have any comments about this document, please send them to:

<http://docs.hp.com/en/feedback.html>

Firmware Installation/Upgrade Guidelines

IMPORTANT: Read these guidelines before installing or upgrading firmware on your HP Cluster Platform system components:

Follow these guidelines when installing or upgrading firmware:

- **Never** downgrade to an older version of firmware unless you are specifically instructed to do so by HP Support.
- Contact HP Support if you are not sure what to do regarding firmware versions.

Support Matrix for Cisco InfiniBand Products: May 19, 2008

Use the tables in this document to identify the firmware image required for a component. At a system level, you must ensure that all components conform to the Solution Matrix.

Table 1 shows the Cisco supported InfiniBand hardware products and firmware. Protocols, applications interoperability, and features may vary for different products and solutions. See the release notes for your product for details. Table 2 lists the operating systems and versions supported by Cisco software products.

Table 1. Cisco Supported Hardware and Firmware Matrix for InfiniBand Products

HP Part Number	Hardware Products	HP PSID	Firmware	Firmware File
	SFS 7000D InfiniBand Server Interconnect		2.9.0 build 170	Cisco-SFS7000D-TopspinOS-2.9.0-build170.img
	SFS 7012D InfiniBand Server Interconnect		4.1.1.1.11	4.1.1.1.11/InfinIO9000.t3.pkg
	SFS 7024D InfiniBand Server Interconnect		4.1.1.1.11	4.1.1.1.11/InfinIO9000.t3.pkg
380299-B21	InfiniBand 4X PCI-X 2-Port Host Adapter	HP_0040000001	3.5.0	fw-23108-3_5_000-380299-B21_A1.bin
380298-B21	InfiniBand 4X SDR (Rev C) PCI-E 2-Port Host Adapter	HP_0050000001	4.8.930	fw-25208-4_8_930-380298-B21_A1.bin
431038-B21	HP IB 4X SDR PCI-e Single-Port Memory-Free HCA	HP_0050000002	1.2.0	fw-25204-1_2_000-431038-B21.bin
431039-B21	HP IB 4X DDR PCI-e Single-Port HCA	HP_0050000003	1.2.0	fw-25204-1_2_000-431039-B21.bin

Table 1. Cisco Supported Hardware and Firmware Matrix for InfiniBand Products (continued)

HP Part Number	Hardware Products	HP PSID	Firmware	Firmware File
409376-B21	HP IB 4X DDR PCI-e Dual-Port HCA	HP_0050000004	4.8.930	fw-25208-4_8_930-409376-B21_A1.bin
410398-B21	HP 4X DDR IB Switch Module	HP_0050000005	1.0.0	InfiniScale_III_fw-47396-1_0_0.tgz + 410397-001_auto.INI
409377-B21	HP BladeSystem Single-Port DDR HCA	HP_0050000006	1.2.0	hpmezz-1.1.0.bin
448397-B21	HP IB 4X DDR Conn-X PCI-e Dual-Port HCA	HP_0050000007	2.3.000	fw-25408-2_3_000-448397-B21.bin
448262-B21	HP 4X DDR IB Dual-Port Mezzanine HCA (Connect-X)	HP_0050000008	2.3.000	fw-25418-2_3_000-448262-B21-clp-126.bin
448262-B21	HP 4X DDR IB Dual-Port Mezzanine HCA (Connect-X)	HP_0050000009	2.3.000	fw-25418-2_3_000-448262-B21.bin
483514-B21	HP IB 4X DDR Connect-X PCI-e G2 Dual-Port HCA	HP_0050000010	2.3.000	fw-25408-2_3_000-483514-B21_A1.bin
483513-B21	HP IB 4X DDR PCI-e Dual-Port Memory-Free HCA	HP_0050000011	2.3.000	fw-25218-5_3_000-483513-B21_A1.bin

Table 2. Cisco Supported Software Products

Software Products	Operating System	Version
Cisco OFED Linux Host Drivers	RHEL4 U4/U5/U6, RHEL5 FCS/U1, and SLES10 FCS/SP1 for x86_64/ia64	1.3
Cisco Commercial Linux Host Drivers	RHEL4 U3/U4, SLES9 SP2/SP3 for x86_64/ia64	3.2.0 build 118
SFS High Performance InfiniBand Subnet Manager	Same as for Cisco Linux Host Drivers	1.2.0

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