

HP StorageWorks Enterprise Fabric Management Suite for H-series Switches Release Notes



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Description

HP StorageWorks Enterprise Fabric Management Suite (EFMS) is the latest addition to software supporting all H-series Fibre Channel switches. EFMS is a separately licensed, workstation-based fabric management GUI. Features of EFMS include:

- All capabilities of QuickTools, the GUI embedded in the switches
- Fabric tracker for monitoring firmware versions, and detecting devices that have been moved, added to, or removed from the fabric
- Port threshold alarm configuration
- Performance view for port performance monitoring
- An extended credits wizard to increase port distance capabilities
- mPort technology for moveable port licenses
- Media diagnostics
- Fibre Channel tracing and connection verification

You can find more information and links to download EFMS with a 30-day trial license on the HP website www.hp.com/go/EFMS. You can also purchase one of the following permanent licenses to use (LTU) to enable EFMS (delivered as entitlement certificate or via email):

- TC321A: HP StorageWorks H-series Enterprise Fabric Management Suite LTU
- TC321AAE: HP StorageWorks H-series Enterprise Fabric Management Suite E-LTU

For information about configuring switches using EFMS, see the *HP StorageWorks 8/20q and SN6000 Fibre Channel Switch Enterprise Fabric Management Suite User Guide*.

At the time of this publication, EFMS Version 8.00.4.05 is the latest and only supported version.

Products and devices supported

EFMS supports the following products and devices:

- BK780A: HP StorageWorks SN6000 Stackable 8Gb 12-port Single Power Fibre Channel Switch (eight 8 Gb/s ports and four 10/20 Gb/s stacking ports active)
- AW575A: HP StorageWorks SN6000 Stackable 8Gb 24-port Single Power Fibre Channel Switch (24 switch ports active)
- AW576A: HP StorageWorks SN6000 Stackable 8Gb 24-port Dual Power Fibre Channel Switch (24 switch ports active)
- AK241A: HP StorageWorks 8Gb Simple SAN Connection Kit (8 switch ports active)
- AQ233A: HP StorageWorks 8/20q Fibre Channel Switch (8 switch ports active)
- AK242A: HP StorageWorks 8/20q Fibre Channel Switch (16 switch ports active)



NOTE:

Switches must be running firmware 8.0.4.04.00 to be managed by EFMS Version 8.00.4.05.

Operating system support

The following operating systems support EFMS:

- Microsoft Windows Server 2003 R2 with Service Pack 2
- Microsoft Windows Storage Server 2003 R2 with Service Pack 2
- Microsoft Windows Server 2008 with Service Pack 2
- Microsoft Windows Server 2008 R2

System requirements

The server running EFMS must meet the following minimum requirements:

- 2 GB of memory
- 150 MB of disk space
- One 2-GHz processor
- One CD drive
- One Ethernet port
- Java 2 Standard Edition Runtime Environment (JRE) 1.5
- Internet browser: Microsoft Internet Explorer 6.0, Netscape Navigator 6.0, or Mozilla Firefox 1.5

Installation instructions

For installation instructions, see the *HP StorageWorks 8/20q and SN6000 Fibre Channel Switch Enterprise Fabric Management Suite User Guide*, available on the following HP websites:

- <http://www.hp.com/go/EFMS>
- <http://www.hp.com/go/SN6000>
- <http://www.hp.com/go/8Gb-SSC>

Under Support, select **Support for your product**.

Important information

If a power supply fault occurs on a dual power supply switch, the fault LED conditions displayed by the EFMS graphic display of the switch faceplate differs from the LED conditions on the physical switch.

- The faceplate display in EFMS shows the Input Power LED as red (fault condition) and the System Fault LED as not illuminated (normal condition).
- The physical switch shows the Input Power LED as green (normal condition indicated because power is provided by the second power supply), and the System Fault LED as amber (fault condition).

For both the EFMS backplate display and the switch physical power supplies, the Power Supply Status LEDs correctly indicate whether the power supply is receiving AC voltage and producing the proper DC voltages (green) or not (not illuminated) and the Power Supply Fault LEDs correctly indicate normal condition (not illuminated) or a fault condition (amber).