

# BROCADE ENTERPRISE FABRIC CONNECTIVITY MANAGER STANDARD



## STORAGE AREA NETWORK

## Facilitating Configuration and Asset Tracking

### HIGHLIGHTS

- End-to-end visualization of the extended SAN, including routers, switches and extension devices, providing a holistic view and facilitating configuration and asset tracking
- Powerful yet easy-to-use client-server application that enables you to view, configure and zone Brocade switches
- Support for the latest features across Brocade's fabric switch family, including 4 Gbit/sec interfaces (for maximum application performance and throughput), Open Trunking (to optimize data flows and reduce ISLs) and much more
- Integrated support for management of routed, extended or iSCSI networks, simplifying and automating configuration and zoning of these networks. Advanced diagnostics, including Predictive Optics Monitoring, Hot Device Detection, Port Fencing and Threshold Alerts, to quickly troubleshoot and isolate problems, protecting against outages and network threats
- Robust standards-based protection for your SAN, including access controls, binding, authentication, security policy management and more
- Support for multi-vendor fabrics, protecting investments and reducing management costs

Brocade® EFCM Standard is an intuitive SAN management software solution for the mid-sized enterprise. It is an easy-to-use tool that streamlines configuration and management, helping the growing enterprise optimize and protect their storage network infrastructure as it evolves. Unlike other management solutions, Brocade EFCM Standard delivers enterprise class advanced functionality at a price point that small to medium-sized businesses can justify.

Mid-sized enterprises face many of the same challenges as their larger counterparts—meeting regulatory compliance requirements, ensuring business continuity and meeting service levels to the business—but may not have access to the same IT resources or skills. Brocade EFCM Standard helps companies proactively manage their SANs to help them address these challenges. Its advanced capabilities, low cost and upgradability make it an ideal solution for growing SANs. It is ideal for managing medium sized SANs, with up to 140 ports.

### SOLUTIONS

**SAN Expansion:** While Brocade EFCM Standard is ideal for the small to mid-sized enterprise, SANs often grow quickly, requiring additional port and switch capacity for connectivity. And that growth often adds management complexity, driving the need for more scalable tools and additional functionality. To meet the management requirements of SANs with more than 140 ports, Brocade offers a migration path to its Brocade EFCM Enterprise. Brocade EFCM Enterprise delivers unlimited scalability and the advanced functionality needed to maintain an optimized and secure global SAN infrastructure.

**Business Continuity:** Today's requirements for regulatory compliance, business continuity and data availability often require data to be routed or replicated to multiple remote locations. Managing a routed or extended SAN infrastructure requires unique management tools and capabilities, including management support for FC routing devices, iSCSI gateway and FC over IP extension solutions. In addition to

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Brocade EFCM Standard, Brocade offers the Advanced SAN Routing option, giving customers the ability to configure and manage these routing and extension products as an integrated component of their global SAN, through a single pane of glass.

### MAXIMIZING SAN INVESTMENTS

Brocade and its partners offer complete SAN solutions to meet a wide range of technology and business requirements. These solutions include education and training, support, service, and professional services to help optimize SAN investments. For more information, contact an authorized Brocade sales partner or visit [www.brocade.com](http://www.brocade.com).

#### Supported Server/Client Operating Systems

Windows XP Professional SP2, 2003 Server R2,  
2000 Professional SP4

Solaris 9, 10

Linux:

a. Red Hat 9.0, kernel 2.4.20

b. Red Hat ES version 3, kernel 2.4.21

#### Qualified Brocade Firmware Versions

E/OS Classic 7.0-9.x

E/OSn 6.0-9.x

E/OSi 4.4-4.8

E/OSq 5.2.2 (QLogic Blade Switch for HP Blade Server)

E/OSq 5.5.1 (QLogic Blade Switch for IBM Blade Server)

E/OSq 5.2.3 (QLogic Blade Switch for Dell Blade Server)

#### Minimum Server Configuration (Windows Systems)

Intel Pentium4 Processor 2GHz

1 GB RAM memory

16MB graphics card

40GB hard drive

56K, v.92 data/fax modem PCI

24/8X CD-RW/DVD combo drive

10/100 Mb/s Ethernet LAN card; two cards required if fabric is hosted on private network

Microsoft Windows 2000 Service Pack 4

The above configuration is consistent with the current Brocade 1U SP.

#### Recommended Server Configuration (Windows Systems)

Intel Pentium4 Processor 3GZ, 800MHz FSB

2GB DDR-400 SDRAM memory

32MB VGA graphics card, or 8MB VGA graphics, with additional access to system memory

60GB ATA-100 IDE hard drive (7200 RPM)

56K, v.92 data/fax modem PCI

48/32X CD-RW/DVD combo drive

10/100/1000 Mb/s Ethernet LAN card; two cards required if fabric is hosted on private network

Microsoft Windows 2003 Server, Standard Edition

The above server configuration is required for Open VSANs.

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