BROCADE FABRIC MANAGER

STORAGE AREA NETWORK

The Ultimate SAN Management Tool for Brocade-based SANs

HIGHLIGHTS

- Efficiently provision, monitor, and administer large numbers of switches and multiple Brocade SAN fabrics
- Perform SAN management tasks across multiple devices and fabrics in a single operation
- Optimize fabric utilization and capacity planning through simplified analysis and performance monitoring
- Visualize and track changes to SAN configuration and state information through multiple views at multiple levels of detail
- Enhance asset management and analysis through detailed device tracking, including exporting to a spreadsheet
- View the SAN layout through a topology map that specifies Inter-Switch Link (ISL), switch, and device details
- Identify, isolate, and manage SAN events across large numbers of switches and fabrics

Brocade® Fabric Manager is a powerful application that manages multiple Brocade Storage Area Network (SAN) switches and fabrics in real time. In particular, Fabric Manager provides the essential functions for efficiently configuring, monitoring, dynamically provisioning, and managing Brocade SAN fabrics on a daily basis.

Through its single-point SAN management platform, Fabric Manager facilitates the global integration and execution of management tasks across multiple fabrics—thereby lowering the overall cost of SAN ownership. As a result, it is a flexible and powerful tool that provides rapid access to critical SAN information.

Fabric Manager is tightly integrated with Brocade Fabric OS® as well as other Brocade SAN management products, such as Brocade Web Tools and Brocade Fabric Watch, and it enables third-party product integration through built-in menu functions and the Brocade SMI Agent.

BASIC FEATURES FOR HIGHLY EFFICIENT MANAGEMENT OF MULTIPLE SANS

By increasing the efficiency of the administrators who manage multiple Brocade SANs, Fabric Manager helps reduce provisioning, monitoring, and management time and costs. It provides the following key capabilities:

- Manages multiple Brocade switch elements across multiple fabrics. It discovers and collects SAN data, and provides multiple views of that data—including topology maps and detailed views (see Figure 1).
- Displays the status of critical fabric elements and key discovery data at varying levels of detail, such as high-level views and detailed tables that display information about switches, ports, devices, and events.
- Stores performance and asset information, and exports critical data in formatted reports.
- Provides data and management console views for more effective management of FICON® environments.

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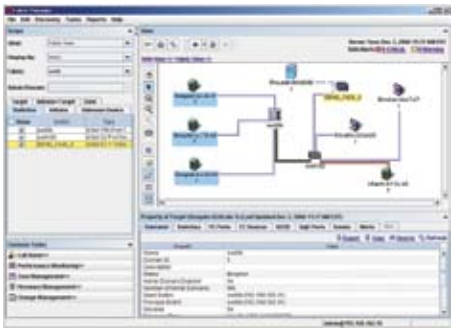

Figure 1.
Fabric Manager provides a rich topology-centric view of SAN environments, including switches, interconnections, and end devices.

ADVANCED FEATURES FOR EVEN GREATER MANAGEMENT CAPABILITIES

Fabric Manager provides several unique methods for managing SANs, including:

- **Device troubleshooting analysis:** Utilizes a diagnostics wizard to identify why devices are not communicating properly, reducing fault-determination time.
- **Offline zone management:** Enables administrators to edit zone information on a host without affecting the fabric, and then preview the impact of changes before committing them.
- **Change management:** Provides a user-configurable fabric snapshot/compare feature that tracks changes to fabric objects and membership.
- **Call home support:** Performs automatic data collection and notification in case of support issues, facilitating fault isolation, diagnosis, and remote support to lower the cost of supporting Brocade SANs.
- **Streamlined workflow:** Utilizes wizards to streamline tasks such as zoning and the setup of secure and routed fabrics.
- **Historical performance monitoring:** Collects, dates, and displays port and end-to-end monitoring data to facilitate problem determination and capacity planning.
- **Customized views:** Enables administrators to import customized naming conventions and export information for customized environment views through an embedded SQL database—with full integration for popular tools such as Microsoft Office and Crystal Reports.
- **Amplified reporting:** Includes GUI-based functions for exporting configuration, performance monitoring, and physical asset data in a spreadsheet format for easy analysis.
- **Profiling, backup, and cloning:** Enables administrators to capture a switch configuration profile, back up the snapshot, and compare the backup to current switch configurations. Cloning facilitates the distribution of profiles to switches within the fabric.
- **Scalable firmware download and repository:** Supports the Brocade Fabric OS firmware upgrade process across logical groups of switches and provides fabric profiles for firmware selection, recommendations for appropriate firmware for each switch type, and reporting facilities for a SAN-wide inventory of firmware installed on fabric switches.
- **FICON/CUP:** Configures and manages FICON environments concurrently in Fibre Channel environments, and includes a new utility for configuring cascaded FICON connectivity.
- **Launching of third-party management applications:** Provides a configurable menu item to launch management applications from any switch in a fabric.

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.

SYSTEM REQUIREMENTS

Operating systems	Windows 2000, 2003, XP; Sun Solaris 9, 10
Hard drive storage	50 MB free disk space

Operating System	Installation Type	1 to 512 Ports (1 to 20 Switches)	513 to 1280 Ports (21 to 50 Switches)	1281 to 2560 Ports (51 or More Switches)
Windows and Linux	Client	800 MHz CPU 256 MB RAM	1.5 GHz CPU 512 MB RAM	1.5 GHz CPU 512 MB RAM
	Server	1.8 GHz P4 CPU 1 GB RAM	2.0 GHz P4 CPU 1.5 GB RAM	2x3 GHz P4 CPU 2.5 GB RAM
Solaris	Client	Ultra 25 750 MHz CPU 512 MB RAM	Ultra 25 750 MHz CPU 1 GB RAM	Ultra 45 1 GHz CPU 2 GB RAM
	Server	Ultra 25 750 MHz CPU 1 GB RAM	Ultra 45 2x1 GHz CPU 2 GB RAM	Ultra 45 2x1 GHz CPU 4 GB RAM

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