

# BROCADE SAN HEALTH FAMILY



## SAN HEALTH

## A Fast and Easy Way to Improve SAN Operations

### HIGHLIGHTS

- Captures raw data from Storage Area Network (SAN) fabrics and provides detailed analysis and reporting capabilities
- Optimizes open systems and mainframe SAN operations to help maximize the value of IT infrastructure investments
- Includes a unique mainframe tool that reformats IOCP configuration files into Microsoft Excel spreadsheets for easier change management
- Features a wide range of offerings, from a basic free diagnostic capture utility to a customized consultation with a Brocade storage networking expert
- Leverages in-depth Brocade expertise, best-practice methodologies, and preventive maintenance based on field-proven guidelines and experience
- Helps ensure optimal infrastructure architecture, design, configuration, and operations

As storage network environments for both open systems and mainframes continue to change and grow, IT organizations must find new ways to improve the efficiency of their application infrastructures with the most flexible and cost-effective solutions. The Brocade® SAN Health family of offerings provides the most comprehensive tools and services for analyzing and reporting on storage networking environments. These practical, easy-to-use solutions help automate time-consuming tasks to increase administrator productivity, simplify management, and streamline operations throughout the enterprise.

The SAN Health family ranges from a free diagnostic capture utility to optional fee-based add-on modules and customized Brocade Services. The family of offerings includes:

- **Brocade SAN Health Diagnostics Capture:** Free data capture utility
- **Brocade SAN Health Professional:** Free data analysis framework that supports optional advanced functionality modules
- **Brocade SAN Health Professional Change Analysis:** Optional fee-based module with sophisticated change analysis capabilities

### • Brocade SAN Health Expert:

Subscription-based Brocade Services offering featuring detailed analysis and quarterly consultations with Brocade consultants

By utilizing the free versions of the SAN Health Diagnostics Capture utility and SAN Health Professional framework, organizations can quickly gain an accurate view of their storage infrastructure, including director and switch configurations along with all of the devices attached to the network. They can then opt for the fee-based modules that build on the SAN Health Professional framework if they want additional search, filtering, or reporting capabilities. Regardless, IT organizations of all sizes can utilize these products and services to perform critical tasks such as:

- Taking inventory of devices, directors, switches, firmware versions, and fabrics
- Capturing and displaying historical performance data
- Comparing zoning and switch configurations against best practices
- Assessing performance statistics and error conditions
- Producing detailed graphical reports and diagrams

# BROCADE

In addition to these capabilities, mainframe users can utilize a new FICON®-enhanced tool to model potential configurations and manage change in a simplified format. Specifically, the tool reformats IOCP configuration files into easy-to-understand Microsoft Excel spreadsheets.

### **SAN HEALTH DIAGNOSTICS CAPTURE UTILITY**

The free Brocade SAN Health Diagnostics Capture utility has already helped thousands of IT organizations improve the efficiency of their SAN environments. By capturing raw data about SAN fabrics, directors, switches, and connected devices, this utility provides a practical, fast way to keep track of networked storage environments.

SAN Health Diagnostics Capture collects diagnostic data, checks it for problems, analyzes it against best-practice criteria, and then produces an Excel-based report containing detailed information on all fabric and device elements. This report provides views that are specifically designed for open systems or mainframe users, and serves as the basis for all the SAN Health family products and services. In addition, SAN Health Diagnostics Capture generates a comprehensive Visio topology diagram that provides a graphical representation of networked storage environments.

### **SAN HEALTH PROFESSIONAL FRAMEWORK**

Brocade SAN Health Professional provides a framework for loading the original report data generated by SAN Health Diagnostics Capture. This framework supports extended functionality beyond the capabilities of an Excel report and Visio topology diagram. Capabilities such as searching, comparing, custom report generation, and change analysis are all available in an easy-to-use GUI.

Using SAN Health Professional, organizations can quickly and easily search their SAN Health reports to find common attributes from the channel adapters (HBA firmware and driver levels), director/switch firmware, and specific error counter information.

### **SAN HEALTH PROFESSIONAL CHANGE ANALYSIS**

SAN Health Professional Change Analysis is an optional subscription-based add-on module for SAN Health Professional that enables organizations to compare two SAN Health reports run at different times to visually identify what items have changed from one audit to the next.

With SAN Health Professional Change Analysis, organizations can compare two SAN Health reports with all the detailed changes highlighted in an easy-to-understand format. The changes are easily searchable, and organizations can quickly produce a change report.

### **SAN HEALTH EXPERT**

The Brocade SAN Health Expert Service engagement is a subscription service designed for organizations that want additional analysis and advice from a Brocade consultant. As an extension of the SAN Health Diagnostics Capture utility, this service entitles subscribers to four 1-hour live consultations on a quarterly basis during a 365-day period.

As part of the service, a Brocade consultant prepares for each telephone consultation by downloading and reviewing the subscriber's SAN Health reports and preparing architectural and operational recommendations. This preparation serves as the discussion agenda for the live consultations. During the consultations, subscribers also can ask specific questions about their SAN environments. The quarterly consultations provide a cost-effective way to build an ongoing plan for improving uptime and continually fine-tuning SAN infrastructures.

### **MAXIMIZING INVESTMENTS**

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

Brocade also offers convenient products and services online at [www.shopbrocade.com/subscriptions](http://www.shopbrocade.com/subscriptions).

#### **Corporate Headquarters**

San Jose, CA USA  
T: (408) 333-8000  
[info@brocade.com](mailto:info@brocade.com)

#### **European Headquarters**

Geneva, Switzerland  
T: +41 22 799 56 40  
[emea-info@brocade.com](mailto:emea-info@brocade.com)

#### **Asia Pacific Headquarters**

Singapore  
T: +65-6538-4700  
[apac-info@brocade.com](mailto:apac-info@brocade.com)

© 2007 Brocade Communications Systems, Inc. All Rights Reserved. 12/07 GA-DS-870-03

Brocade, Fabric OS, File Lifecycle Manager, MyView, and StorageX are registered trademarks and the Brocade B-wing symbol, DCX, and SAN Health are trademarks of Brocade Communications Systems, Inc., in the United States and/or in other countries. All other brands, products, or service names are or may be trademarks or service marks of, and are used to identify, products or services of their respective owners.

Notice: This document is for informational purposes only and does not set forth any warranty, expressed or implied, concerning any equipment, equipment feature, or service offered or to be offered by Brocade. Brocade reserves the right to make changes to this document at any time, without notice, and assumes no responsibility for its use. This informational document describes features that may not be currently available. Contact a Brocade sales office for information on feature and product availability. Export of technical data contained in this document may require an export license from the United States government.



# **BROCADE**