

# BROCADE SAN HEALTH FAMILY



## SAN HEALTH

## A Fast and Easy Way to Improve SAN Operations

### HIGHLIGHTS

- Captures raw SAN data and provides detailed analysis and reporting capabilities
- Optimizes SAN operations to help maximize the value of IT infrastructure investments
- Includes a wide range of offerings, from a basic free diagnostic capture utility to a customized consultation with a Brocade SAN expert
- Leverages in-depth Brocade expertise, best-practice methodologies, and preventive maintenance based on field-proven guidelines and experience
- Helps ensure optimal SAN architecture, design, configuration, and operations

As Storage Area Network (SAN) environments continue to change and grow, IT organizations must find new ways to improve the efficiency of their SAN and 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 SAN environments. These practical, easy-to-use solutions help automate time-consuming tasks to increase administrator productivity, simplify management, and streamline SAN 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 Professional Services. The family of offerings includes:

- **Brocade SAN Health Diagnostics Capture:** Free data capture utility (formerly known as SAN Health 3.0.2)
- **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 professional services offering featuring detailed analysis and quarterly consultations with Brocade SAN experts

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 SAN environments, from the switches and their configurations to all of the attached devices. 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, switches, firmware versions, and SAN 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

## **SAN HEALTH DIAGNOSTICS CAPTURE UTILITY**

The free Brocade SAN Health Diagnostics Capture utility (formerly known as SAN Health 3.0.2) has already helped thousands of IT organizations improve the efficiency of their SAN environments. By capturing raw data about SAN fabrics, switches, and connected devices, this utility provides a practical, fast way to keep track of SAN environments.

SAN Health Diagnostics Capture collects switch diagnostic data, checks it for problems, analyzes it against best-practice criteria, and then produces an Excel-based report containing detailed information on the SAN fabrics, switches, and connected devices. This report 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 way to represent SAN 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 such as HBA firmware, HBA driver levels, switch firmware, and frame error counters.

## **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 professional services engagement is a subscription service designed for organizations that want additional analysis and advice from a Brocade SAN expert. 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 SAN expert prepares for each telephone consultation by downloading and reviewing the subscriber's SAN Health reports and preparing architectural and operational findings and 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—leading to a much faster ROI.

## **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, service, and professional 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 on a cost-effective subscription basis at Shop Brocade ([www.shopbrocade.com/subscriptions](http://www.shopbrocade.com/subscriptions)).

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