

BROCADE SAN HEALTH PROFESSIONAL



SAN HEALTH

A More Effective Way to Track and Manage SAN Inventory

HIGHLIGHTS

- Enhances visibility into inventory and configuration at the Storage Area Network (SAN) fabric, director, switch, port, and device levels for both open systems and mainframe environments
- Provides the ability to search for and compare device configuration parameters
- Utilizes sophisticated functions that maximize flexibility in defining search criteria
- Includes menu-driven options to filter search results
- Compares two SAN Health data captures, highlighting changes between reports for any SAN component

Because the storage network is a critical part of any IT infrastructure supporting business applications, today's IT organizations should thoroughly understand the status of their fabrics and all associated components. However, keeping track of all the components within a storage network can be resource-intensive, time-consuming, and subject to human error.

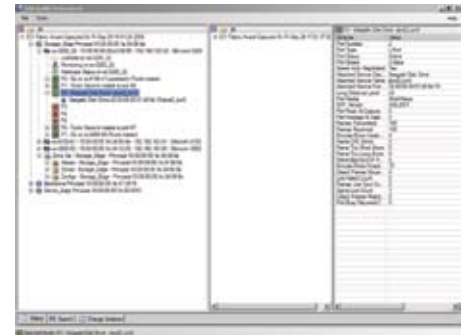
To help these organizations overcome that challenge, Brocade® has developed the free SAN Health Diagnostics Capture utility (supporting both open systems and mainframe environments). This tool collects the details of a fabric, its characteristics, and its components, then reports them in an easy-to-understand format. Building on that foundation, Brocade also offers the free SAN Health Professional, a framework that leverages SAN Health to provide automated auditing and analysis of the captured data.

GREATER VISIBILITY INTO A SAN AND ITS COMPONENTS

SAN Health Professional provides a straightforward, easy-to-navigate user interface for auditing SAN Health data captures—making it a valuable tool for inventory tracking and change management activities. Organizations can import up to

two SAN Health captures to SAN Health Professional for immediate, detailed analysis about any component (see Figure 1).

Figure 1. SAN Health Professional data analysis framework.



SEARCHING FOR AND REPORTING SAN INFORMATION

To enable the highest level of flexibility, SAN Health Professional provides extensive searching and filtering capabilities. Searches can be broad (for instance, a single search string such as "HBA" or "CHIPID") or precise. Precision searching narrows the search to any combination of attribute names, devices, ports, switches, directors, fabrics, aliases, zones, or configurations.

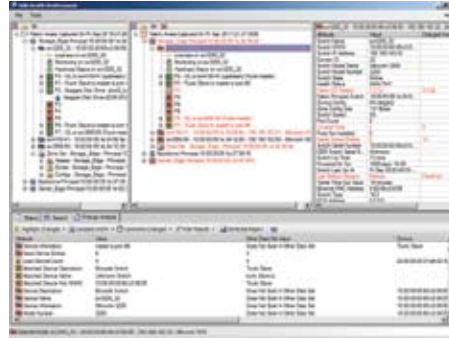
In addition, filtering can eliminate blank values—or even specific values—from the resulting report. Any component in a fabric that has attributes matching the search definition appears in a separate search results window.

**CHANGE ANALYSIS:
REPORTING AND ANALYZING
CHANGES TO SAN COMPONENTS**

In addition to its standard data analysis and search capabilities, the SAN Health Professional framework supports optional add-on modules on a subscription-fee basis. One such module, SAN Health Professional Change Analysis, highlights changes that have occurred to any SAN component between two SAN Health data captures (see Figure 2).

SAN Health Professional Change Analysis identifies new components and any changes to the characteristics of components that are common to both data captures.

Figure 2. SAN Health Professional Change Analysis compares components between two SAN Health reports.



Organizations can view specific types of changes by using sophisticated search and filter functions.

As with the standard SAN Health Professional search function, results can be limited to one category or a combination of categories (devices, ports, switches, directors, fabrics, aliases, zones, configurations) and can be

filtered further to remove information on components that do not occur in both data captures—or any other specific values—from the search results report. Moreover, organizations can export any SAN Health Professional Change Analysis search results to a file as a formatted report for archiving purposes or for further analysis.

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.

Brocade also offers convenient products and services online at www.shopbrocade.com/subscriptions.

SAN HEALTH PROFESSIONAL SPECIFICATIONS

Operating systems	For the most current support information, visit www.brocade.com/SANHealthMatrix.jsp
RAM	30 MB of RAM
Disk space required	30.6 MB if the Microsoft .net2.0 framework is not installed or 1 MB if .net2.0 is installed
Supported switches	Brocade: All models, all Fabric OS® levels Brocade M-Series: All models from Brocade M-Enterprise OS 5.x and higher (except products with dissimilar management applications)
Scalability	Up to 69 switches can be audited concurrently; multiple audits can be run to scale to any level
Management access	Telnet and SSH

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