

StorageConsole: Fabric Manager

Improved Visibility With SAN Topology

The Storage Area Network (SAN) infrastructure in most organizations can become extremely complex and unwieldy as servers, Fibre Channel switches, and storage systems are added and subtracted from the SAN. The result is that it becomes nearly impossible for storage administrators to know for certain the current configuration of their SAN. Storage administrators can now view the entire SAN topology by using APTARE® StorageConsole® Fabric Manager.

- Visually see all the components comprising the SAN, including servers, switches, and storage systems
- Drill down to see exact switch configurations and connectivity
- Trace paths through the SAN to determine current routing

Map SAN Paths From Servers To Storage Systems

One of the key problems in a SAN is to understand the end-to-end paths from a given server to its SAN attached storage. Achieving this visibility used to be simple when most SAN environments were made up of a few large servers in the environment. However, with the proliferation of rack mount and blade servers—each with the ability to run multiple virtual machines—the problem becomes exponential in size. With a built-in “host to storage interactive dashboard” APTARE StorageConsole Fabric Manager illustrates the path from a physical or virtual server through the SAN to its SAN storage.

The APTARE dashboard includes:

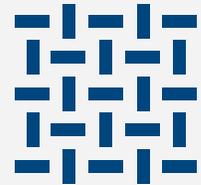
- A graphical rendition of the SAN from the physical server or virtual server to the storage system
- The complete path and port information through the SAN
- Current zoning information for the server

Proactive Change Management

A critical requirement in monitoring a SAN is the ability to understand changes to the SAN topography and be notified when these changes take place. APTARE StorageConsole Fabric Manager includes a complete SAN change management feature along with notification on these changes, including user registration for SAN change notifications, an ability to list SAN fabric changes for specific time periods and dependency analysis to show how changes affect the SAN.

Optimize Your SAN Performance

Today, application performance is critical to conducting business in the age of the Internet. Foremost in dictating application performance is the underlying I/O performance of the SAN storage connected to the application.



 **IMPROVE** management efficiency and gain control of your SAN by mapping your SAN topology, proactively managing, and monitoring changes to the SAN fabric and optimizing SAN performance.

APTARE StorageConsole Fabric Manager captures and reports on key performance metrics for the SAN, including I/O response times, queue depths, throughput, and read/write statistics. The solution also determines if errors are creating performance issues and allows you to better load balance the SAN ports on storage arrays to ensure consistent performance.

Account For SAN Resources

Whether an IT organization is run truly as a profit center or as a cost/investment center it is important to understand how SAN resources are being used. APTARE StorageConsole Fabric Manager allows for easy and flexible user configuration and accounting setup and reports on total port usage and data volume.

The APTARE StorageConsole Platform

APTARE StorageConsole is a Web 2.0 platform that delivers comprehensive reporting and management tools for storage environments – from backup to capacity management.

Data Extensible Database

The APTARE StorageConsole platform is based on an Oracle database that sits across the entire product line, pooling management data in a central location. The scalability of the database ensures accurate and reliable data collection and ensures that virtually any type of management information can be collected, analyzed, and shared.

Web 2.0 Convenience

APTARE StorageConsole user interface is built from the ground up on open Internet standards and Web 2.0 technologies. Web 2.0 features—such as “drag & drop” reports, tabbed browsing, and floating dialog boxes—provide effortless access to reports and customization of how you view and organize and share the information you need.

Out-of-the-Box Dashboards and Reports

APTARE StorageConsole provides the most popular reports right out of the box – enabling you to diagnose and manage your environment immediately with minimal training. In addition, easily customized dashboards enable you to tailor your desktop to feature the information that’s critical to you. Email your customized dashboards and reports to other team members in PDF, CSV, or HTML format. Or schedule reports so they are automatically delivered in any time frame you choose: daily, weekly, or monthly.

Specifications

Our Supported Environments datasheet contains a complete list of supported environments for APTARE StorageConsole and can be found online at www.aptare.com.