



BROCADE GLOBAL SERVICES

Helping Organizations Connect,
Share, and Manage Data

BROCADE



CONTENTS

- BROCADE GLOBAL SERVICES OVERVIEW** 4
- PROFESSIONAL SERVICES** 6
 - Networking the Data Center 6
 - Optimizing Brocade Data Center Fabrics*
 - Simplifying File Management*
 - Optimizing Mainframe Environments*
 - Improving IP Networks 11
 - Optimizing Advanced Networks*
 - Protecting and Securing Data 14
 - Backup and Recovery*
 - Encryption Services and SAN Security*
 - Migrating and Moving Data 16
 - Virtualizing Data Center Resources 18
- SUPPORT** 20
 - Support for Brocade Data Center Fabrics 20
 - Brocade Direct Support*
 - Brocade Supplemental Support*
 - Support for Brocade Ethernet Networks 22
 - Network Monitoring Service 23
- ONSITE SERVICES** 24
 - Brocade Resident Consultant 24
 - Brocade Support Account Manager 24
 - Brocade Onsite Support Engineer 24
- ADDITIONAL TOOLS AND RESOURCES** 26
 - Brocade Extranet 26
 - Brocade SAN Health 26
 - Brocade File Insight Utility 26
 - Education and Certification 27

BROCADE GLOBAL SERVICES OVERVIEW

As an industry leader in data center networking solutions and services, Brocade® develops solutions that are at the heart of data centers around the world—helping organizations connect, share, manage, and protect their most vital information assets. With more than 26 years of experience and trusted leadership in storage and data center networking solutions, Brocade helps organizations reduce the cost and complexity of their IT environments, gain operational efficiencies, enable cost-effective growth, and reduce business risk.

Organizations look to Brocade Global Services to help them deploy data center solutions for consolidation, data availability, data security, regulatory compliance, and more. Brocade combines multivendor expertise with a complete range of services and support to meet critical business requirements across a wide variety of data center infrastructures, including Storage Area Network (SAN), server, file management, mainframe, channel extension, IP LAN, MAN, and WAN environments. And with consultants and support engineers in over 50 countries, Brocade Global Services are available worldwide, helping to keep organizations running smoothly and efficiently, around the clock.

Brocade Global Services offers a broad portfolio of end-to-end professional services and support:

- **Professional Services:** Brocade Professional Services offers best-practice design, implementation, and management expertise for data center networking, data center virtualization, data protection, and data migration.
- **Support:** Brocade provides a variety of support plans and service levels to help organizations maximize the availability, performance, and efficiency of their multivendor data center infrastructures.

Whether organizations require project-based or onsite resident services, Brocade Global Services can help them meet their business objectives.



NETWORKING THE DATA CENTER

Optimizing Brocade Data Center Fabrics

The Brocade Data Center Fabric (DCF) architecture is an end-to-end strategy that combines hardware, software, services, and support to help data center stakeholders control cost and complexity while meeting compliance requirements.

Consolidation, centralization, and enhanced security are fundamental byproducts of the DCF approach. Brocade Global Services leverages deep expertise to assist with migration and reduce downtime, helping to meet challenging timelines so organizations can focus on day-to-day business activities, and begin realizing an immediate return on investment.

Brocade Global Services is actively expanding the scope of its DCF services to include both core and remote sites. This will span servers through the Host Bus Adapters (HBAs) and SAN into the data protection, archive, and disaster recovery infrastructures.

DCF Workshop: The DCF Workshop helps organizations determine how their SAN environments can best address current and future business requirements. Sessions include discussions on best practices in operating and managing SAN environments. A Brocade expert will describe various products, strategies, architectures, health monitoring, and support services.

DCF Assessment Services: The DCF Assessment helps organizations understand the effectiveness of their SAN environments. Brocade experts will gather key business and technical requirements, document the current environment, and help define an evolution strategy. Brocade will assess the fabric design, growth potential, risks, and gaps of the current environment. Based on these findings, Brocade will present a list of recommendations, a detailed assessment report, an up-to-date health report, and documentation of operational processes.

DCF Design Services: These services are focused on creating strategic, best-in-class DCF environments. Brocade provides several design options based on business and technical requirements, the ability to introduce the latest products, and the desire to leverage existing SAN assets. Brocade will provide design options for leveraging the existing SAN infrastructure, including a partial or significant technology refresh.

DCF Migration Services: Brocade can help organizations consolidate or move environments by planning, executing, and managing interoperability between fabrics. As part of these services, Brocade will assess the source environment, develop a migration plan for moving devices, migrate the devices, and validate the functionality of the new environment.

Brocade DCX® Backbone Migration: This service helps organizations upgrade or replace existing directors to create a more robust data center backbone-class environment. This service is optimal for migration from the Brocade 48000 Director, the Brocade Mi10K Director, the Brocade M6140 Director, and other platforms. A Brocade expert will validate that all prerequisites are met, verify supported migration paths, and determine operational impact. Brocade will back up critical data, create a data center backbone profile to support post-migration validation, migrate to the new Brocade DCX devices, and validate functionality.

“Our Brocade solution delivers the performance required to store petabytes of data while reducing our costs and simplifying management.”

—Institute for Scientific Computing



Brocade Energy Efficiency Review: This service provides an evaluation of data center environments by establishing a baseline of existing environmental conditions and identifying design or implementation areas in need of improvement. Based on the findings, Brocade will provide a plan for optimizing energy usage, cooling, and general environmental conditions. The service will help organizations ascertain which energy incentives to utilize, how their enterprise impacts the environment, how they can reduce energy costs, and how they can best maximize system reliability.

Cable Management: To complement Brocade infrastructures, Brocade offers structured cabling solutions that are designed specifically for the Brocade DCX Backbone family as well as the Brocade 48000, the Brocade Mi10K, and the Brocade M6140. Combining industry-leading cabling products with Brocade product expertise, Brocade cabling solutions dramatically reduce cable volume to simplify troubleshooting, improve scalability, and increase efficiencies.

Simplifying File Management

Brocade File Services offer a comprehensive approach to file management, providing data center managers and file administrators with the agility to manage and protect data while ensuring that users have uninterrupted access.

File Assessment Services: These services review existing file environments (5 to 20 TB of data) to help organizations determine how to improve efficiencies and meet their business objectives. A Brocade expert will gather key business and technical requirements, perform a physical assessment of the environment, and define an evolution strategy. Brocade will evaluate growth potential and risk areas within the current environment. In addition, Brocade will provide a detailed file management assessment report, present findings, and discuss recommendations and next steps.

File Implementation Services: These services are designed to help organizations quickly maximize the value of Brocade file management products. Implementation services include initial installation and, upon completion, a summary of activities and a list of future recommendations. This service is applicable for all Brocade file management products.

Optimizing Mainframe Environments

Brocade Mainframe Services provide a wide range of field-proven tools and expertise to support business-critical mainframe infrastructures. Organizations that have already made the decision to migrate to FICON® might need assistance to complete the migration on schedule and within budget. They also need to understand the performance impact of moving to new disk or tape technology, added capacity, and infrastructure expansions. Brocade provides extensive expertise and mainframe capacity planning/performance management tools to keep mainframe environments optimized.

FICON Workshop: This workshop helps educate organizations about best practices in operating and managing FICON environments. Brocade will describe various FICON products, strategies, architectures, health monitoring, and support services. In addition, Brocade will analyze existing FICON environments, assess the performance of the identified fabrics, and provide an interactive training session on a selected topic.

Brocade Mainframe Storage I/O HealthCheck: This service is designed to help organizations optimize the performance of their storage infrastructures. Brocade mainframe experts will meet with IT staff to discuss current challenges and strategic objectives, collect information from systems and personnel, and perform a detailed analysis of the data. Upon completion, Brocade will provide a detailed report with quantifiable data and specific recommendations to optimize performance.

In addition to the Brocade Mainframe Storage I/O HealthCheck, Brocade offers a variety of mainframe storage performance management solutions from IntelliMagic, including:

- RMF Magic, enabling z/OS storage performance best practices in local and remote ESCON and FICON disk environments
- Disk Magic, a disk subsystem performance modeling tool
- Batch Magic, an analysis and sizing tool for tape and virtual tape environments

FICON Implementation Services: These services are designed to connect mainframe systems to Fibre Channel data center fabrics through the FICON protocol. As part of this service, a Brocade expert will review the storage and data center infrastructure, the replication capabilities, and the types and number of hosts that need to be attached. Brocade will design, implement, and validate the solution—migrating direct-attached FICON links to Brocade switches, configuring the FICON hardware and software, and establishing functional FICON links between the Brocade switches and attached devices.

For more data center networking resources, visit www.brocade.com/data_center_networking.

IMPROVING IP NETWORKS

Optimizing Advanced Networks

Brocade Advanced Networking Services offer end-to-end solutions to optimize IP networks. With the growth of network-based business and increased IP traffic, organizations are seeking to improve efficiencies and gain more from their network infrastructures. Brocade helps organizations build and maintain intelligent networks that effectively utilize available bandwidth capacity, manage data traffic flows, and ensure network security.

Network Assessment Services: This assessment is designed to help organizations evaluate the performance, availability, security, and manageability of their networks. Brocade experts will review the architecture and design of the organization's environment, and assess compliance, best practices, and considerations for future enhancements. At the conclusion of this service, Brocade will present its findings in a detailed report.

PROFESSIONAL SERVICES (CONT.)

Network HealthCheck: This service helps organizations identify potential problem areas in their networks. Brocade experts will conduct capacity and performance tests to evaluate the health of the network infrastructure. Upon completion, Brocade will present a detailed report of the results, recommendations, and next steps.

Network Design Services: These services provide several design options, depending on whether a partial or complete technology refresh is required. Based on the design, Brocade experts will present an implementation guide specific to the organization's environment.

Network Implementation Services: Depending on an organization's needs, these services might include both the installation and implementation of Brocade network devices. The installation service provides a physical installment, including mounting equipment, installing physical connections, testing equipment setup, and validating the installation. The implementation service assists organizations in configuring and integrating new Brocade devices. A thorough post-implementation validation is also performed, helping to seamlessly transition network management to the organization's IT staff.

Network Migration Services: These services help organizations ensure a safe and efficient migration from their existing networks to Brocade network solutions. Brocade will work with organizations to ensure that their migration prerequisites have been met. Brocade experts will gather technical requirements and integrate them into a detailed project schedule. Upon approval of the documented migration timeline, Brocade will perform the migration.



PROTECTING AND SECURING DATA

Backup and Recovery

Brocade provides end-to-end services for enterprise backup and recovery in order to help organizations achieve the degree of protection and recoverability they need. Leveraging in-depth expertise in Veritas NetBackup (NBU) and IBM Tivoli Storage Manager (TSM), Brocade provides enterprise-class backup and recovery services that span the entire data protection infrastructure.

Backup HealthCheck: This service is designed to provide an insightful analysis of how backup processes are performing from both an operational and resource-usage perspective. It helps backup administrators proactively manage and improve their backup environments at minimal cost, with little or no disruption to their environments. As part of this service, Brocade experts will utilize proprietary analytical software to collect data from the backup environment. Brocade will provide reports and present the findings, offering recommendations to improve operations in the backup environment.

Backup and Recovery Assessment and Design Services: These services help provide an end-to-end evaluation of backup and recovery requirements. This enables Brocade to design an effective solution that meets an organization's specific requirements.

Backup and Recovery Implementation Services: These services are designed to help organizations install, integrate, test, and implement backup and recovery solutions. Brocade experts will provide comprehensive

project management to ensure that best practices are followed, data recovery is thoroughly tested, backup environments are well documented, and the IT staff is prepared to assume responsibility for the project.

Encryption Services and SAN Security

Brocade encryption and security services can help organizations protect valuable data that is centralized on the SAN. Brocade has the expertise to help organizations strengthen their SAN security infrastructures by implementing reliable security solutions. Brocade SAN Security Services provide onsite expertise for operational and architectural reviews of networked storage infrastructures, utilizing best-practice methodologies to protect mission-critical data.

Encryption Services: Brocade offers unique services to implement Brocade encryption solutions. Because data encryption is often a complex task, it requires reliable implementation, leveraging best practices that are essential to an effective overall security solution.

SAN Security Assessment Services: This assessment leverages field-proven best practices and industry-recognized security principles as defined by organizations such as the Storage Network Industry Association (SNIA) and the National Security Agency (NSA). A Brocade SAN security expert will provide a comprehensive assessment of the organization's SAN infrastructure security, including physical device security, administrative controls and policies, Fibre Channel device access, and TCP/IP vulnerabilities.

The assessment is a non-disruptive process, conducted in a manner that protects the integrity and confidentiality of the organization's data. Based on the assessment, Brocade will recommend complementary technologies, such as data encryption and file access rights, to raise the security level of data throughout the enterprise SAN infrastructure.

For more data protection and data security resources, visit www.brocade.com/data_protection and www.brocade.com/data_security.

“We turned to Brocade to leverage the company's proven expertise in order to protect our patient records without adding any significant overhead to our IT staff.”

—University of California, San Francisco, Medical Center

MIGRATING AND MOVING DATA

Data migration is the process of making an exact copy of data from one device to another device, preferably without disrupting or disabling active applications, and then redirecting all Input/Output (I/O) activity to the new device. Organizations might need to migrate data when upgrading or replacing storage equipment; implementing a new operating or application system; or relocating their data centers.

Brocade can help minimize the business impact of data migration caused by downtime, data loss, increased cost, and increased risk. Brocade experts utilize a consistent, reliable, and repeatable methodology for migrations that incorporates planning, requirements evaluation, technology implementation, and validation. In addition to being adept at migrations over short or long distances, Brocade experts are trained in a variety of products that can be used to migrate data—including array, host, appliance, software, and custom script-based tools.

Data Migration Whiteboard: This session is a high-level discussion of an organization's objectives and how their existing solutions and technologies can address their needs. It is an opportunity to educate organizations about best practices in planning and executing a data migration project. A Brocade expert will describe basic strategies, project risks, and other considerations.

“Brocade can eliminate the headaches not only of sizable data migrations, but of all of our data center needs. This capability is one more way that Fuji TV benefits from our long and successful association with Brocade.”

—Systems Planning Section, Fuji TV

Data Migration Workshop: This workshop is designed to help organizations understand migration requirements and how these requirements align with different data migration strategies. Brocade will consider outage tolerance, potential bandwidth constraints, technology footprint, risks, and data criticality when developing a migration strategy. Following this collaborative session, Brocade will present recommended migration strategies and an implementation proposal for the planned data migration project.

Data Migration Assessment Services: As part of this assessment, Brocade consultants will conduct an in-depth analysis of the current data center environment, requirements, projected growth, bandwidth analysis, I/O analysis, and application dependencies. Based on these findings, Brocade will present a migration plan with recommended migration strategies, mobility groups, bandwidth needs, and an implementation proposal.

Data Migration Implementation Services: This is an engagement of varying lengths that includes services for planning, procuring, installing, testing, monitoring, and cutover for each mobility group defined in either the workshop or the assessment—all managed by a Brocade expert.

Managed Extension Services: These services are designed to help organizations plan and execute the safe migration of mission-critical data across any distance. Brocade experts will assess the data center environment, design an implementation and test plan that meets the organization's specific requirements, certify proper operation of the network, and perform the data migration. This turnkey service also includes the completion of quality assurance processes and the de-installation and removal of all Brocade-provided equipment.

For more data migration resources, visit www.brocade.com/data_migration.

VIRTUALIZING DATA CENTER RESOURCES

As the amount of stored data increases, organizations are turning to virtualization as a way to consolidate storage resources, reduce costs, and improve management for server and storage infrastructures. Unfortunately, many organizations fail to consider the impact of virtualization on their data centers—leading to degraded application performance, limited utilization of their virtualization solution, and inadequate data protection. As a result, they are unable to meet requirements for Service Level Agreements (SLAs), data growth, and compliance.

Brocade Data Center Virtualization Services are end-to-end services that can help organizations assess their environments, design the mapping of virtual machines, and implement virtualization solutions.

Server Virtualization Assessment Services: This assessment analyzes the existing infrastructure and business requirements in preparation for a VMware virtual infrastructure deployment. As part of this service, Brocade will install data collection tools based on the organization's server environment. Brocade experts will present a full assessment report, including an estimate of preliminary costs of ownership and recommended workloads for virtualization.

VMware Infrastructure HealthCheck: This service helps organizations determine whether they are maximizing the value of their virtualization investments. After the VMware HealthCheck is complete, Brocade will work with the IT staff to review the architecture, operations, and business objectives. Finally, Brocade will present the findings and recommend next steps.

Data Center Virtualization Design Services: These services provide design options to leverage existing infrastructure during a partial or complete technology refresh. The design covers key areas such as server and storage virtualization requirements, data center fabric hardware, distance extension, data migration, data protection, and data security.

“By turning to Brocade expertise and services, the Department of Defense is taking a strategic approach to accomplishing its storage goals, which will yield substantial cost savings.”

—reVision, Inc.

Server Implementation Services: These services provide a fully installed, integrated, and tested VMware environment. Brocade provides a project plan and integration expertise based on tested methodologies. Brocade experts will document the solution and provide it to the IT staff so they are fully prepared to assume responsibility for the project.

Data Center Virtualization Transformation Services: These services are designed to transform existing environments into next-generation virtual data center environments. Brocade experts will advise organizations on how to meet current and future requirements, while minimizing costs and protecting existing investments. A Brocade Resident Consultant (BRC)—a trusted advisor who is a Brocade Certified Engineer and a VMware Certified Professional—will guide the transformation project through the assessment, design, implementation, and long-term management. Brocade also will provide a complete knowledge transfer of the entire engagement to IT staff.

For more data center virtualization resources, visit www.brocade.com/data_virtualization.

Brocade understands the advanced level of technical support required for maintaining large and complex networked storage and Ethernet-based networking environments. Brocade Global Services has the multivendor expertise, support infrastructure, and proven processes to help organizations maximize the performance, efficiency, and availability of their Brocade data center fabrics and network infrastructures. Brocade Global Services offers a variety of support plans and service levels to meet specific requirements.

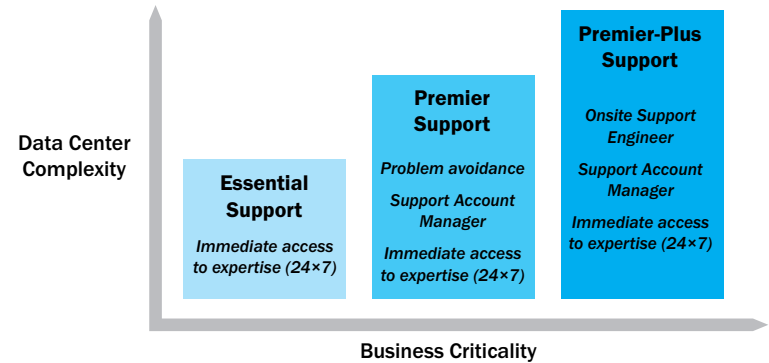
SUPPORT FOR BROCADE DATA CENTER FABRICS

Essential Support: Provides the base level of support needed to quickly and efficiently respond to problems, including 24×7 access to Brocade expertise, online support resources, ongoing software updates, and several options for hardware replacement or repair.

Premier Support: For organizations with large or complex environments, Brocade offers Premier Support—a higher level of service that includes the assignment of a Support Account Manager (SAM). The SAM is the focal point for all support activities, providing proactive communication for escalation and critical situation management, performing Quarterly Support Reviews, providing recommendations for software upgrades, and sharing technical tips and best practices to help organizations avoid problems.

Premier-Plus Support: The highest level of support, Premier-Plus provides organizations with an Onsite Support Engineer (OSE) to optimize Brocade infrastructures. The OSE augments an organization’s staff, performing day-to-day maintenance activities such as tuning of equipment, assisting with software upgrades, coordinating change activities, collecting SAN Health™ data, and more.

All three tiers—Essential, Premier, and Premier-Plus—are available under two support offerings: Brocade Direct Support (BDS) and Brocade Supplemental Support (BSS).



Brocade Direct Support

Brocade Direct Support (BDS) provides a flexible and cost-effective approach to ongoing maintenance for products purchased through Brocade, Brocade OEM Partners, or Brocade solution providers. Through BDS, organizations have a single support contact for all Brocade hardware and software solutions, and direct access to Brocade support resources. This direct support relationship accelerates problem resolution while reducing overall support costs. BDS includes three support tiers—Essential, Premier, and Premier-Plus—with various hardware and software SLA options that provide the flexibility to meet a variety of support requirements.

Brocade Supplemental Support

Brocade Supplemental Support (BSS) augments existing support contracts organizations have with Brocade OEM Partners or Brocade solution providers. It provides direct access to Brocade Support resources on a 24×7 basis after opening a service request with the OEM Partner. Software and hardware troubleshooting support from Brocade can accelerate problem resolution. BSS also provides fast access to software fixes and upgrades, helping organizations avoid problems and take advantage of new features and enhancements. BSS provides three support tiers—Essential, Premier, and Premier-Plus—to meet a variety of support requirements.

SUPPORT FOR BROCADE ETHERNET NETWORKS

Brocade understands that today's IP-based network infrastructures are the lifeblood of organizations and must operate at maximum efficiency and availability to support rapid growth, data-intensive applications, security threats, and new IP-based technologies.

Brocade offers a comprehensive suite of support programs—Bronze, Silver, Gold, and Titanium—with various hardware and software SLA options to meet a variety of network infrastructure requirements. Designed to maximize network availability, increase performance, and accelerate problem resolution, these support programs offer 24×7 access to Brocade expertise, online software updates, remote technical support, advanced replacement of parts, onsite hardware repair, and more.

Bronze Support: Bronze Support provides the base-level support for organizations that require only software and remote support. It includes 24×7 access to Web-based support information, ongoing software updates and upgrades, and 9×5 telephone access to Brocade expertise.

Silver Support: Silver Support provides a cost-effective option for organizations that require both software and base-level hardware support. It provides 24×7 telephone/e-mail/Web access to Brocade expertise, online software updates and upgrades, and no-charge hardware repair, including shipment of the repaired or replacement unit within three business days after the day the failed unit is received.

Gold Support: Gold Support is designed for organizations that require a higher level of hardware support to ensure high availability of network infrastructures. In addition to the 24×7 telephone/e-mail/Web support, online access to software updates and upgrades, and no-charge hardware repair provided under the Silver level, Gold Support provides next-business-day advanced hardware replacement.

Titanium Support: The highest level of support, Titanium Support delivers comprehensive services and support to maximize the availability and efficiency of organizations' network infrastructures. It offers 24×7 telephone/e-mail/Web access to Brocade expertise, online software updates and upgrades, priority escalation management, two- or four-hour advance hardware replacement, and onsite hardware repair.

NETWORK MONITORING SERVICE

Brocade Network Monitoring Service (NMS)—a remote monitoring, alerting, and reporting service for data center infrastructures—helps organizations maximize network and application uptime, optimize efficiency, and meet SLAs.

With 24×7 expert monitoring and proactive alerting on mission-critical networks, Brocade NMS provides a second pair of eyes inside the data center to ensure the fastest and most effective response to potential problems and events. It also provides the real-time and historical performance statistics, business intelligence, and flexible reports needed to analyze trends, optimize resources, plan for future capacity, and identify problems faster.

For more Brocade Support resources, visit www.brocade.com/support.

Brocade offers a variety of onsite services to augment organizations' internal IT staff, helping to overcome resource, skill, or budget constraints.

BROCADE RESIDENT CONSULTANT

A Brocade Resident Consultant (BRC) operates as a member of an organization's SAN and storage architecture team. BRCs coordinate project activity around fabric migrations, design SAN migration planning, and perform and/or coordinate architectural reviews of SAN, storage, and file management environments. BRCs ensure that best-practice fabric methodologies and processes are in place and working effectively. In addition, BRCs assist with ongoing management, design, and planning activities around the storage environments.

BROCADE SUPPORT ACCOUNT MANAGER

Brocade Support Account Managers (SAMs) are the focal point for all support escalations and critical situation management activities, providing vital proactive communication and coordination to accelerate problem resolution. Through Quarterly Support Reviews and ongoing best-practice analysis and recommendations, SAMs leverage deep Brocade expertise as well as knowledge about specific implementations to help organizations optimize their Brocade solutions. A SAM is a standard feature of any Premier BDS or Premier BSS agreement.

BROCADE ONSITE SUPPORT ENGINEER

Brocade Onsite Support Engineers (OSEs) provide onsite technical expertise and hands-on maintenance support to keep Brocade products optimized and running efficiently. As focused support contacts for all Brocade solutions, OSEs facilitate communication and provide proactive coordination of problem escalation and change activities—thereby accelerating problem resolution and improving operational efficiency. They are also available to perform activities such as optimizing Brocade products, planning for change management, and assisting with software upgrades. An OSE is a standard feature of any Premier-Plus BDS or Premier-Plus BSS agreement.



ADDITIONAL TOOLS AND RESOURCES

BROCADE EXTRANET

To help increase productivity, the Brocade Extranet offers a variety of tools and learning opportunities exclusively for end users of Brocade solutions. The site includes practical technical guides, free software tools, and online message boards. For Brocade Support customers, the Brocade Extranet also provides access to software downloads. For Brocade NMS customers, it provides the secure Web portal for all collected data, analysis, and reporting.

To learn more, visit www.brocade.com/jointheclub.

BROCADE SAN HEALTH

To help organizations measure the health and performance of their SAN environments, Brocade offers an easy-to-use SAN analysis utility. Brocade SAN Health Diagnostics Capture inventories devices, switches, firmware versions, and SAN fabrics, in addition to capturing historical performance data and automatically generating detailed reports and Visio diagrams.

To learn more, visit www.brocade.com/sanhealth.

BROCADE FILE INSIGHT UTILITY

Brocade File Insight is a free Windows-based reporting utility that provides an easy way to understand SMB/CIFS network file environments. It scans both Windows file servers and non-Windows NAS devices, generating valuable reports on file data quantity, age, size, types, and other file metadata statistics. Brocade File Insight is designed for Windows and storage administrators who are responsible for file storage management.

The utility provides the information needed to successfully undertake load balancing, consolidation, migration, tiering, archiving, and similar file projects. Organizations can install Brocade File Insight, begin running scans, and generate reports with just a few mouse clicks.

Organizations can download the Brocade File Insight utility for free at www.brocade.com/fileinsight.

For additional information, contact fiadmin@brocade.com.

EDUCATION AND CERTIFICATION

Brocade Education Services provides a wide variety of courses to help organizations gain in-depth knowledge of Brocade products, optimize their Brocade-based IT infrastructures, and solve critical business challenges using Brocade technology. In addition to “in-classroom” offerings, students can participate in “virtual” classroom sessions conducted in real time by Brocade Certified Instructors. Or, they can choose a self-paced Web offering that can be completed when time allows.

Brocade Certification and Accreditation Programs are ranked among the top in the industry. These programs, ranging from novice to expert levels, help IT professionals expand their expertise in implementing industry-leading technology for real-world projects such as server and storage consolidation, remote data replication, and storage management.

For more information on Brocade technical training and certification programs, visit www.brocade.com/education or e-mail education@brocade.com.



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