

BROCADE MAINFRAME STORAGE I/O HEALTHCHECK



PROFESSIONAL SERVICES

Manage and Analyze Your Storage Environment Better

THE BROCADE MAINFRAME STORAGE I/O HEALTHCHECK IS IDEAL IF YOU:

- Want to analyze the benefit/impact of moving to new disk or tape technology
- Are migrating to FICON devices and need to understand the expected performance
- Need more detailed disk or tape data to optimize application performance
- Need to understand the performance impact of merging, splitting or moving workloads or other configuration changes
- Want to understand the impact of added capacity and infrastructure expansions
- Want to understand the performance impact of remote copy/remote replication over distance

Are you lacking the detailed information you need to maintain optimal performance in your mainframe storage infrastructure? Do you wish you knew what kind of performance improvements to expect in advance of a migration to FICON®? Do you need better information for effective capacity planning? If you need additional performance data to better manage and analyze your storage environment beyond the capabilities of RMF reports and SAS, the Brocade® Mainframe Storage I/O Healthcheck may be just what you're looking for.

MAINFRAME STORAGE PERFORMANCE ISSUES

For years, mainframe administrators have been relying on RMF and SAS reports to understand how well their mainframe storage environment is performing. While these tools are incredibly important and

provide critical performance data, they don't always provide the level of detailed metrics and statistics required to ensure an optimized storage environment. In addition, analysis and correlation of the data often requires considerable coding and report writing, with results that are highly variable and dependent on the level of in-house skills.

In addition to not having enough actionable information to maintain optimized performance, mainframe administrators don't always have the information they need that tells them when or how to add capacity or upgrade the infrastructure. Instead, they must relinquish control and rely on their storage vendor's upgrade or expansion recommendations. And they have no way to validate the vendor's recommendation.

BROCADE

THE BROCADE MAINFRAME STORAGE I/O HEALTHCHECK

To provide mainframe administrators and capacity planners the detailed information they need to build and maintain an optimally performing storage infrastructure, Brocade has developed a Mainframe Storage I/O Healthcheck. Leveraging experience gained from over 25 years of mainframe storage networking implementations, as well as Brocade’s unique data collection and analysis software tools, Brocade mainframe experts will meet with you to discuss current challenges and strategic objectives, collect the needed information from systems and personnel, perform a detailed analysis of the data and present the findings to your team. The resulting report will provide you with the quantifiable data and recommendations you need to address your specific challenge.

At the heart of the Mainframe Storage I/O Healthcheck is a software tool that collects detailed performance statistics from your disk and/or tape devices, including read and write performance measurements, I/O response times, I/O rates over time, tape throughput, the number of scratch or specific tape mounts, open exchange rates, PAV activity and more. Once the needed data is collected, Brocade analyzes the data and develops a comprehensive report that summarizes the environment, with all of the charts and graphs showing I/O rates, response times, throughput, etc., along with specific, best practices recommendations for your environment. This report is then presented and reviewed with your team by a Brocade mainframe expert.

Understanding that not all environments are the same size, Brocade offers two options for Mainframe Storage I/O Healthcheck services.

The first option is a fixed-price offering targeted for small to medium mainframe environments that fit within the following scope:

- 5 Host LPARs
- 100 TB of DASD
- 50 tape drives/3 automated libraries or virtual tape subsystems
- 560 switch ports

For larger environments, Brocade will develop a customized statement of work for the Mainframe Storage I/O Healthcheck.

VALUE TO YOUR ORGANIZATION

The Brocade Mainframe Storage I/O Healthcheck provides your staff expert knowledge and advice, while leveraging Brocade’s 25 years of mainframe and storage networking experience. Brocade stands ready to assist you with your specific initiatives, should you wish to engage us to help you plan, deploy and manage a new or upgraded mainframe solution. Brocade can implement any solution we design or recommend.

MAXIMIZING INVESTMENTS

Brocade and its partners offer complete data management solutions to meet a wide range of technology and business requirements. These solutions include education and training, professional services, and support to help optimize data management investments. For more information, contact an authorized Brocade sales partner or visit www.brocade.com.

Corporate Headquarters

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

European Headquarters

Geneva, Switzerland
 T: +41 22 799 56 40
emea-info@brocade.com

Asia Pacific Headquarters

Singapore
 T: +65-6538-4700
apac-info@brocade.com

© 2007 Brocade Communications Systems, Inc. All Rights Reserved. 03/07 GA-DS-1034-00

Brocade, the Brocade B-weave logo, Fabric OS, File Lifecycle Manager, MyView, Secure Fabric OS, SilkWorm, and StorageX are registered trademarks and the Brocade B-wing symbol and Tapestry are trademarks of Brocade Communications Systems, Inc., in the United States and/or in other countries. FICON is a registered trademark of IBM Corporation in the U.S. and 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