

BROCADE IP NETWORK ASSESSMENT



PROFESSIONAL SERVICES

Assessing IP Network Performance

HIGHLIGHTS

- Provides in-depth understanding of network infrastructure and configuration
- Leverages Brocade IP networking expertise to identify problem areas in existing networks
- Provides insight into network performance, including traffic patterns, bandwidth optimization, and Internet connectivity
- Includes recommendations for achieving a dynamic, next-generation IP network infrastructure that meets current and future business requirements
- Evaluates organizations' readiness for a next-generation networking solution

Today's organizations have increased demands on their network infrastructures, requiring higher levels of performance, availability, and mobility to take advantage of new IP-based technologies. The migration of voice and video to IP networks, for instance, presents new challenges that are revolutionizing the way networks are built and managed.

Similarly, new network-based business applications and processes that improve collaboration and productivity—along with the dramatic growth of wireless networks and mobile devices such as smart phones, IP phones, and point-of-sale devices—all require higher levels of network performance. Moreover, consolidation and virtualization initiatives are further driving the need for higher network scalability.

To increase efficiency and reduce costs, these organizations need intelligent networks that effectively utilize available bandwidth capacity, manage data traffic flow, and ensure network security. Organizations that plan to build next-generation networks can benefit from best practices and expertise to address these critical requirements.

As the industry's leading data center networking solutions provider, Brocade® has the experience to help organizations deploy highly scalable, highly reliable, and high-performance next-generation network infrastructures. The Brocade IP Network Assessment is designed to help organizations evaluate and optimize their existing infrastructures, as well as assess their readiness for building a next-generation network that will meet future requirements for performance, availability, security, and manageability.

FIELD-PROVEN BEST PRACTICES

The Brocade IP Network Assessment is based on field-proven best practices and industry-recognized networking principles. The assessment helps organizations gain a comprehensive and thorough understanding of the health and performance of their entire network infrastructure. At the same time, it provides organizations with strategies for achieving a next-generation IP network infrastructure. The assessment service is designed to be non-disruptive and to protect the integrity and confidentiality

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of organizational data. As part of this assessment, a Brocade network expert will travel to the organization's site to perform the following activities:

- Review the network infrastructure architecture and design for performance, availability, security, and manageability
- Evaluate the network infrastructure, applications, cabling, and router and switch configurations
- Review application performance goals and problem areas
- Evaluate network performance, including traffic patterns, bandwidth optimization, Internet connectivity, and network vulnerabilities
- Evaluate network security, including compliance issues and best practices
- Perform an IP Network HealthCheck
- Review operational processes and staffing needs
- Review overall readiness to meet the requirements of a next-generation solution

THE ASSESSMENT PROCESS

The Brocade IP Network Assessment includes the following activities:

- Initial meeting with a Brocade expert to understand the current state of the environment, business challenges, and future direction
- Identify key personnel and availability
- Review deliverables and understand the organization's expectations
- Conduct interviews of key organizational personnel to gather business and technical requirements
- Examine and document the existing network environment and compare it to proven reference architectures
- Compile all findings into an IP Network Assessment Report
- Present the IP Network Assessment Report, discuss recommendations, and identify next steps with key stakeholders
- Document operational processes and methods to implement best practices

FIELD-PROVEN EXPERIENCE

As an industry leader in networking, Brocade provides the expertise and experience to optimize a variety of environments. Brocade has the knowledge and expertise to:

- Analyze key objectives and resources
- Bridge knowledge and resource gaps
- Streamline the IT decision-making process
- Accelerate the process for implementing strategies, systems, and procedures
- Recommend the right solutions and best practices to help streamline operations

MAXIMIZING INVESTMENTS

To help optimize technology investments, Brocade and its partners offer complete solutions that include education, support, and services. For more information, contact a Brocade sales partner or visit www.brocade.com.

Corporate Headquarters

San Jose, CA USA
T: +1-408-333-8000
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

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