

# BROCADE SERVER VIRTUALIZATION ASSESSMENT SERVICE



## PROFESSIONAL SERVICES

## Optimizing Data Center Virtualization

### HIGHLIGHTS

- Leverages in-depth Brocade expertise in VMware and shared storage to help IT organizations fully exploit the benefits of virtualization
- Estimates potential server consolidation cost savings
- Estimates required server hardware and VMware virtual infrastructure licenses
- Accelerates the successful implementation of virtual data centers
- Enables the transformation to a dynamic, next-generation data center infrastructure to meet current and future requirements
- Combines with a wide range of Brocade Data Center Virtualization Services to provide a complete end-to-end solution for unified management and maximum effectiveness

In today's dynamic business environment, most organizations are looking to leverage virtualization technologies to help them consolidate resources, reduce costs, and improve management for their server and storage infrastructures. But in doing so, many organizations fail to consider the overall impact of virtualization on the data center—increasing the potential for degraded application performance, inadequate data protection, and increased management complexity. As a result, they are unable to meet Service Level Agreements (SLAs), achieve compliance, or address data growth requirements.

As the industry's leading data center networking solutions provider and experts in VMware, Brocade® offers Data Center Virtualization Services to help optimize application and fabric performance, improve data protection, and unify management across entire virtual data center environments.

Through these services, Brocade helps organizations:

- Design a best-in-class server virtualization environment with flexibility for future growth
- Optimize performance to address increased data traffic and the dynamic nature of virtualized server environments
- Implement best practices for mapping virtual machines to storage resources for different applications in order to maximize application performance
- Adapt new approaches for data protection to help achieve compliance and limit exposure to security risks
- Employ centralized, policy-driven fabric management to automate and simplify the administration of virtual environments

As part of these services, the Brocade Server Virtualization Assessment Service helps organizations better understand their current data center infrastructure and prepare for a successful move to VMware virtual infrastructure. With guidance from Brocade, organizations can create effective virtualization strategies that satisfy their technical requirements and meet their business objectives.

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## **SERVER VIRTUALIZATION ASSESSMENT SERVICE**

The Brocade Server Virtualization Assessment Service assesses the current environment and business requirements to prepare for a full rollout of VMware virtual infrastructure. The assessment helps organizations determine the viability of implementing virtualization in their environments and provides guidance on moving to VMware virtual infrastructure. In addition, it provides recommendations for potential virtualization strategies and an estimated return on investment, specifying cost considerations and potential savings.

As part of the assessment, Brocade experts will meet with key stakeholders to understand the current data center infrastructure, business challenges, technical requirements, future direction, and any unique circumstances.

Brocade will then install data collection tools to gather system and performance data. For Windows servers, Brocade will use VMware Capacity Planner Data Manager. Brocade will monitor the data collection and help resolve any issues if this process is interrupted. In addition, Brocade will further assess the physical environment, factoring in business considerations, such as the roles of individual business units during a conversion.

Based on the results, Brocade experts will develop a formal server consolidation and virtualization assessment report that includes:

- A summary of all metrics collected on the existing server infrastructure
- An analysis of the viability of leveraging the existing infrastructure
- Recommendations for which workloads to migrate first
- Advice on workloads that are not ideal virtualization candidates
- Estimates for total cost of ownership and return on investment for different server consolidation scenarios
- A viable roadmap to implement a long-term virtualization strategy
- An overview of additional VMware products required for a complete infrastructure strategy

At the end of the engagement, Brocade experts will present their findings (including preliminary total cost of ownership), discuss recommendations, and provide the formal server consolidation and virtualization assessment report.

## **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](http://www.brocade.com).

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