

Brocade vADC Services

HIGHLIGHTS

- Leverages Brocade networking expertise to enable highly efficient, highly reliable ADC solutions
- Advises organizations on how to transition from a traditional load-balancing environment to a more flexible, software-defined design
- Accelerates installation and deployment activities in any cloud or virtual environment
- Provides automation and security to maximize application performance
- Accelerates the deployment of redundant applications and technologies by enhancing the ability to scale capacity on demand
- Enables the transformation to dynamic and efficient NFV-based application delivery

Delivering High Performance in Software-Defined ADCs

Application Delivery Controllers (ADCs) have become critical to the modern application platform, and as organizations are making the switch from traditional hardware-based load-balancers to virtual solutions, Brocade® consultants can help make the transition easier. Brocade virtual application delivery products are designed for any cloud or virtualized environment and to enable faster, reliable, and scalable delivery and control platforms. Brocade offers professional services to support organizations through the assessment, design, implementation, deployment, and optimization of virtual ADC environments.

Assessment Services

Organizations interested in improving their application delivery strategy within their current environments, or those implementing new ADC solutions, should begin by analyzing their existing platform, along with their current and future business requirements. Brocade Assessment Services can help organizations identify any specific needs and potential problem areas. This service is designed to help organizations assess their readiness for deploying Brocade virtual ADCs (vADCs) for application delivery services, as well as their readiness for migrating from traditional hardware-based load-balancers to a software-defined Layer 4 through Layer 7 ADC.

The vADC Assessment Service is a customized service offering that provides an analysis of the organization's existing end-user Layer 4 through Layer 7 service environment and includes the following:

- Review of the end user's business and functional requirements around server and service redundancy and functionality
- Current environment state will be documented and assessed on how it is addressing the end user's goals
- Data collection is analyzed per best practices and compiled into a report and presented to the organization
- Gaps or items for improvement will be prioritized in order of importance and corrective action will be detailed

Redesign Services

Brocade consultants may also provide an evaluation of a single instance of an existing Brocade vADC deployment. Diagrams, configuration files, and statistics will be used to assess the state of the system, resulting in a report that provides findings and recommendations for the optimization of configurations, protocols, security parameters, scalability, and alignment with business objectives based on best practices and environmental requirements.

Design Services

After analyzing the Layer 4 through Layer 7 application service environment, organizations can begin planning for new vADC solutions. Brocade vADC Design Services help organizations develop practical design plans that best match their needs and schedules. Brocade vADC Design Services offer several design options tailored to the organizations' specific needs, focusing on platform aspects such as availability, scalability, security, and user experience.

The Brocade vADC Architecture Review provides guidance to organizations deploying Brocade vADC solutions for the first time. Drawings, surrounding infrastructure configurations, security parameters, scalability, and alignment with business objectives are all reviewed to provide guidance on best practices in all of these focus areas. Design review is conducted by experts in application delivery, IP networking, data center technologies, and Brocade vADC deployment methodologies.

Implementation Services

After a new vADC design plan has been selected, the next step is to deploy an effective application delivery solution in the organization's environment. Brocade Implementation Services provide unmatched expertise in helping organizations install, configure, and validate Brocade application delivery products.

The vADC Custom Implementation Service is a customized service providing the implementation and configuration of the Brocade vADC in complex environments. The service includes the following:

- Workshop conducted to determine the appropriate configuration and integration options for the instance with regards to the end user's goals and environmental details
- Reference configuration of the instance based upon best practices
- Specific product configurations based upon the end user's requirements
- Documented implementation plan
- Working implementation of the Brocade vADC that is custom-built for the end user's environment
- Configuration of the Brocade vADC beyond a basic implementation, creating solutions for intricate load-balancing requirements
- After configuration and successful integration, as-built documentation that details the configuration of the instance is generated for the end user's records

Conversion Services

Brocade vADC Conversion Service includes two types of conversion, one to bring a single instance of the Brocade ADX® Series or Brocade vADX Application Delivery Switch to a single vADC platform, and a customizable conversion service for multiple instances or more complex environments.

The Brocade vADC Conversion Service includes:

- Identification of prerequisites, migration schedules, and details of the conversion process
- Evaluation of current Brocade ADX or Brocade vADX configurations, determining optimization options, and preparation of new configurations for the Brocade vADC replacement system
- Contingency plans
- A Brocade vADC built and implemented by Brocade engineers in preparation for the conversion
- Conversion performed by Brocade engineers per the conversion plan

The Conversion Service minimizes risk by developing a concise plan of action with identified contingencies and provides efficiencies and expert advice from engineers experienced with both product lines and with production migrations.

Migration Services

Brocade vADC Migration Service includes two options for migration. The first supports organizations migrating from existing Cisco ACE, F5 LTM, or Citrix NetScaler load-balancers to a new Brocade vADC solution, and the second

is a customizable migration service that supports organizations using any other non-Brocade vendors' Layer 4 through Layer 7 application delivery equipment. The vADC Migration Service includes:

- Planning to identify prerequisites, migration schedules, and details of the migration process
- Evaluation of current third-party ADC configurations, determining optimization options, and preparation of new configurations for the vADC replacement system
- Contingency plans
- Migration performed by Brocade engineers according to the final migration plan

The service minimizes risk by developing a concise plan of action with identified contingencies and provides efficiencies and expert advice from engineers experienced with migrations.

Optimizing Service Delivery

Brocade consultants have access to a vast Brocade Knowledge Base, including product and engineering expertise. Brocade consultants are certified experts on industry-leading technology and have many years of hands-on experience delivering networking solutions. The ability to proactively monitor and evaluate the efficiency of application delivery switches will provide the high performance that is expected for today's Web site and business applications. Brocade consultants are available to work with organizations for ongoing performance tuning of Brocade vADC products to maintain their high level of quality.

Maximizing Investments

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

Brocade vADC Services Ordering Information

Product SKU	Description
DESIGN-VADC-1	vADC architecture review and design assistance for one vADC instance.
ASSESS-VADC-1	vADC assessment and redesign for one vADC instance.
ASSESS-VADC-CUST	vADC assessment and redesign custom-scoped for large/complex environments.
CONV-VADC-1	vADC implementation and conversion from ADX/vADX for one instance.
CONV-VADC-CUST	vADC implementation and conversion from ADX/vADX custom-scoped for large/complex environments.
MIGR-VADC-COMP-1	vADC implementation and migration from one competitor ADC.
MIGR-VADC-CUST	vADC implementation and migration from non-Brocade ADC/SLB custom-scoped for large/complex environments.
IMPL-VADC-CUST	Customized vADC Implementation for complex environments.

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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