

# BROCADE SAN ANALYTICS PACK FOR vREALIZE OPERATIONS

## STORAGE AREA NETWORK

## Monitoring the Health, Risk, and Efficiency of SAN Infrastructure

### HIGHLIGHTS

- Provides in-context Storage Area Network (SAN) visibility by showing how Virtual Machines (VMs) connect to storage resources across the SAN infrastructure
- Simplifies SAN operations management to enable faster problem isolation and resolution, helping to optimize application performance and reduce network bottlenecks
- Reduces the time needed to troubleshoot SAN issues, resulting in faster recovery, increased availability, and reduced costs
- Optimizes asset utilization and efficiency by visualizing trends
- Meets the unique requirements of consolidated, shared storage environments

The evolution of data centers has provided much needed agility, flexibility, and scalability, enabling a transformation from traditional data centers to Software-Defined Data Centers (SDDCs). Storage Area Networks (SANs) are critical to today's SDDC, but to truly reap the benefits of this environment, organizations need to integrate and align virtualized services. Simplified operations management is key to the success of this transformation, helping to ensure that service levels can be restored while also continuously optimizing operations, efficiency, and cost.

Organizations deploying cloud architectures often experience roadblocks that minimize the benefits of virtualization and the cloud. A lack of visibility into the underlying infrastructure and the resulting management implications can significantly impact an organization; requiring more time to troubleshoot issues and increasing downtime. The inability to see bottlenecks in the network or how those bottlenecks are affecting application performance, as well as the inability to identify underutilized network resources, prevents an organization from maximizing the advantages of the SDDC.

### THE BROCADE AND VMware SOLUTION

Together, Brocade and VMware simplify operations management for today's virtual and physical environments. With [Brocade® SAN Analytics Pack for vRealize™ Operations™](#), Brocade helps to quickly correlate the health of the SAN to VM performance.

By exploiting the unique traffic pattern learning and advanced baselining capabilities of [VMware® vRealize Operations](#), Brocade SAN Analytics Pack for vRealize Operations eliminates “noise” and extracts critical SAN alerts for enhanced Mean Time To Identification (MTTI), accelerating fault detection and problem isolation.

Brocade SAN Analytics Pack for vRealize Operations actively monitors SAN fabrics to accurately pinpoint where abnormalities occur, allowing service-impacting conditions to be uncovered before application performance is affected. The resulting faster recovery and increased availability of VMware VM-resident applications enable organizations to reduce the overall operating costs of their virtual infrastructures.

Brocade Fabric Vision technology serves as the foundation to Brocade SAN Analytics Pack, delivering innovative diagnostic and proactive monitoring and management capabilities to maximize network uptime, simplify SAN management, and provide unprecedented visibility and insight across the storage network.

Brocade Network Advisor is a simple yet powerful software management tool that complements VMware vRealize Operations. As a domain manager specializing in SAN full lifecycle management, this Brocade solution offers deeper investigation for root-cause analysis and remediation.

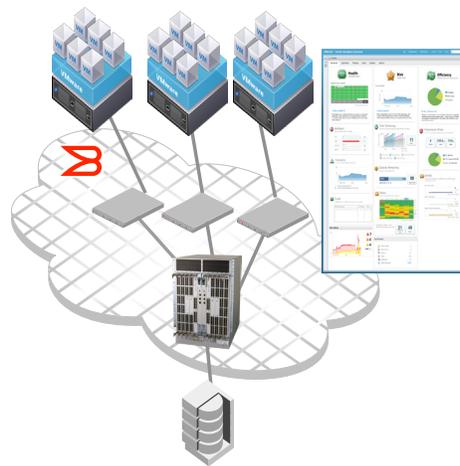
VMware vRealize Operations provides automated operations management using patented analytics and an integrated approach to performance, capacity, and configuration management. vRealize Operations enables IT organizations to gain better visibility and actionable intelligence to proactively ensure service levels, optimum resource usage, and configuration compliance in dynamic virtual and cloud environments.

The Brocade and VMware solution provides the ability to assess the health, risk, and efficiency of SAN infrastructure, allowing organizations to realize the benefits of virtualization, the

cloud, and the SDDC. The combination of Brocade Fabric Vision technology, Brocade SAN Analytics Pack for vRealize Operations, and Brocade Network Advisor greatly accelerates problem isolation, identification, and resolution—ultimately enhancing business continuity.

**LEARN MORE**

Brocade partners with companies of all sizes to deliver innovative solutions that help organizations maximize the value of their most critical information. To learn more, visit [www.brocade.com/vmware](http://www.brocade.com/vmware).



**Figure 1.** Together, Brocade and VMware simplify operations management for today’s virtual and physical environments.

**ABOUT BROCADE**

Brocade networking solutions help organizations achieve their critical business initiatives as they transition to a world where applications and information reside anywhere. Today, Brocade is extending its proven data center expertise across the entire network with open, virtual, and efficient solutions built for consolidation, virtualization, and cloud computing. Learn more at [www.brocade.com](http://www.brocade.com).

**ABOUT VMWARE**

VMware is radically transforming IT with technologies that make your business more agile, efficient, and profitable. A pioneer in virtualization and policy-driven automation, VMware simplifies IT complexity across the entire data center. We deliver value to more than 500,000 customers through virtualization software, professional services, and a robust ecosystem of more than 55,000 partners. The company is headquartered in Silicon Valley with offices throughout the world. Learn more at [www.vmware.com](http://www.vmware.com).

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