

# BROCADE SOLID STATE READY PROGRAM

## STORAGE AREA NETWORK

## Is Your Network Ready for Solid State Storage?

### HIGHLIGHTS

- Offers a comprehensive, integrated, and simplified solution for bandwidth-intensive, low-latency applications
- Improves reliability, performance, and scalability across server, storage, and networking components
- Ensures seamless interoperability and optimum performance when deploying all-flash and hybrid arrays in Brocade storage fabrics
- Leverages shared technical expertise to reduce support time and provide faster resolution

Throughout its history, Brocade has remained committed to ensuring the highest quality standards in the testing of its products with partners. Beginning with its award-winning portfolio of Storage Area Network (SAN) solutions, Brocade, with its OEM partners, has provided industry-leading storage solutions that meet the most stringent quality requirements in the most demanding business environments.

A well-tested and well-implemented solution can change an organization's impact on the business and enable additional business processes by delivering greater performance, faster application response times, and a reduced Total Cost of Ownership (TCO).

### THE BROCADE SOLUTION

Brocade has extended its SAN solutions as well as its testing standards and processes to products from solid state storage vendors that have joined the Brocade Solid State Ready (SSR) program. As a result, today's organizations can be confident that Brocade SSR solutions meet the same rigorous quality standards that have made Brocade the industry leader in SAN solutions.

Paramount to the SSR solutions is the Brocade suite of fabric-based SAN solutions, consisting of the Brocade® Gen 5 Fibre Channel portfolio and Brocade VDX® switches powered by Brocade VCS® Fabric technology.

The Brocade Gen 5 Fibre Channel portfolio comprises purpose-built, data center-proven network infrastructure for storage, delivering unmatched reliability, simplicity, and 16 Gbps performance. Brocade Fabric Vision technology, an extension of Gen 5 Fibre Channel, provides a breakthrough hardware and software monitoring, management, and diagnostic solution that unleashes the full potential of high-density server virtualization, cloud architectures, and next-generation storage.

Brocade VCS Fabric technology, delivered on Brocade VDX switches, is purpose-built to meet the needs of cloud environments, scale-out data center architectures, and mission-critical IP storage workloads. Brocade VCS fabrics leverage Brocade's 15 years of innovation in SAN fabrics to deliver a multipath, non-blocking architecture highly optimized for low-latency, high-bandwidth IP storage traffic. Like Brocade Gen 5 Fibre Channel,

Ethernet-based VCS fabrics provide a highly automated, efficient, and resilient infrastructure to address the needs of the most demanding data center environments.

### THE BROCADE SOLID STATE READY (SSR) PROGRAM

The Brocade SSR program is a comprehensive testing and configuration initiative to verify Fibre Channel and Ethernet fabric (iSCSI and NAS) network interoperability with all-flash and hybrid storage arrays. It provides a holistic approach to quality that leverages the expertise, proven testing methodologies, and tools of engineering teams across Brocade to deliver the highest quality solutions.

At the forefront of the Brocade SSR program is customer input, both in terms of requirements and expectations. By gathering and analyzing customer feedback—including performance data, enhancement requests, and manageability requirements—Brocade ensures that its solutions provide organizations with the highest level of confidence when deploying Solid State Drives (SSDs) in Brocade storage fabrics.

### SOLID STATE READY TESTING AND CONFIGURATIONS

The objective of the Brocade SSR program is to complete all multi-phase testing, focusing on functionality, reliability, availability, serviceability, performance, scalability, and manageability of the solution. Tests include:

- Confirming seamless interoperability with Brocade fabrics and sustained performance
- Stress testing on different I/O workload scenarios while sustaining high throughput and IOPS performance levels using Medusa, Vdbench, and VMware IOAnalyzer tools
- Delivering optimal availability and performance in multipath Windows, Linux, and VMware configurations

For more information about the Brocade SSR program, contact [solidstateready@brocade.com](mailto:solidstateready@brocade.com) or visit [www.brocade.com/partnerships/technology-alliance-partners/solid-state-ready-program/index.page](http://www.brocade.com/partnerships/technology-alliance-partners/solid-state-ready-program/index.page).

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

### 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).



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