



**SVM™ (Storage Virtualization Manager)**



Overview:

StoreAge Networking Technologies ([www.store-age.com](http://www.store-age.com)) is an innovator in enterprise SAN storage management. StoreAge is dedicated to providing cost effective storage management software solutions that meet the scalability, performance and data availability requirements of the enterprise. StoreAge is a technology leader in storage virtualization using an Asymmetric design implemented through a SAN appliance approach.

SVM™ (Storage Virtualization Manager) is a SAN appliance that provides virtual volume management in heterogeneous environments. The SVM features storage capacity and storage performance pooling across the entire SAN storage domain. The SVM provides centralized management for distributed enterprise storage, significantly reducing the Total Cost of Ownership. It is an ideal platform for SAN-aware Storage Applications such as Remote Mirroring, Snapshot and others and a key enabler for business continuity strategies.

SVM operates in a heterogeneous SAN environment, which can include servers and storage devices from various vendors. Storage can be flexibly allocated to the servers and value-added storage applications using SVM. Managed via a web-based GUI, storage can be organized into stripe sets, storage pools, and then selectively allocated to one or more servers. The SVM appliance is connected to a Fibre Channel loop or switched fabric, and is capable of monitoring the status of physical devices connected to the SAN. The SVM manages storage off the data path, serving the volume maps to distributed virtualization agents. This design enables full utilization of SAN performance and provides superior scalability and reliability.

SVM is a key enabler for advanced disaster recovery strategies and other enterprise storage applications, implemented above the virtualization layer.

## IBM TotalStorage Proven™ program

- Industry or cross industry segment (if applicable): All enterprise environments - Finance, medical, insurance, broadcasting, academic institutions.
- Additional software utilized with company's product (ex: middleware): SANergy, backup software (TSM)

SVM™ dramatically reduces the cost of SAN storage and SAN storage management by centralizing the provisioning, performance optimization and protection of storage across heterogeneous hosts and storage devices. Key business advantages of SVM include more efficient utilization of SAN resources, simplified management of disparate storage assets, data replication for enhanced business continuity, accelerated application testing and deployment, online data restores, and non-disruptive backup to both disk and tape.

SVM is the only Asymmetric Virtualization product available in the market today, and has been successfully deployed worldwide, gaining exceptional success in managing storage in a variety of application environments such as Microsoft Exchange, SAP, video broadcasting and many others. SVM is fully interoperable with all IBM SAN-enabled storage systems (ESS, FAST family, Mylex), as well as other SAN components. SVM also supports IBM/Tivoli software and IBM open system servers (AIX and Linux platforms).

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