

SvSAN

Storage Virtual Appliance

Provides shared storage for VMware environments

SvSAN

SvSAN™ is a Storage Virtual Appliance that unlocks the resources of your VMware® server and provides you with a virtual SAN in minutes. Leverage the internal disk drives and RAID in your VMware server (or an external, direct attached array) and you'll have a highly available SAN without having to make a significant investment in new hardware!

It's simple... all you have to do is install StorMagic's SvSAN on your VMware server and you'll be sharing your datastores and enabling features such as VMware HA, VMotion and DRS without having to install a complex shared storage system.

Add the StorMagic high availability option to provide storage redundancy, using the servers' internal storage, and build reliable VMware clusters with no single point of failure.

Manage all of your datastores from a single management console! Select the "StorMagic" tab in vCenter and you'll be able to manage and monitor all aspects of the storage: VMware datastores, internal RAID controllers and the virtual SAN.

Our tests have shown that SvSAN addresses the shared storage needs of small to mid-sized and remote office environments. SvSAN can deliver similar performance to external storage arrays with a comparable number of disk drives.

AT A GLANCE

- SvSAN provides a robust shared storage system for VMware Server
- Single operation provisioning of datastores, integrated vCenter management and dynamic scalability unlocks the full potential of VMware
- Leverage the processing power and storage of your VMware server
- Enable VMware HA, VMotion and DRS
- As your needs grow, you can add more capacity and performance




Eliminate steps normally required to provision a clustered datastore – SvSAN does this with a single operation.

Scale performance and capacity as your needs grow, without interrupting your daily operations. Add additional capacity to your VMware server and you can begin using it immediately. If your performance requirements change and you want more performance, adding it is easy: simply add another SvSAN.

BENEFITS


- Create a virtual SAN from your internal disk storage
- Create, manage and provision datastores from a simple console embedded into VMware vCenter
- Manage internal RAID controllers directly from vCenter
- Share datastores across clustered ESX servers
- Create highly available datastores using synchronous mirroring
- Eliminate specialized training by leveraging an intuitive interface
- Scale performance and capacity non-disruptively
- Enable VMware HA, VMotion and DRS

Without



The Power of SvSAN →

With



CHECK LIST		
X	Shared Datastores	✓
X	Access to datastores in event of a server failure	✓
X	Single operation provisioning	✓
X	Create, manage & provision from vCenter	✓
X	VMotion <i>both</i> applications & datastores	✓
X	Leverage the server's internal disk drives	✓
X	Simple interface to manage datastores and RAID	✓

For more information, regarding StorMagic® SvSAN, contact us at: 800 517 5282 +44 117 952 7390 (Europe) or visit www.StorMagic.com

SvSAN Product Specifications:

Operating Environment
iSCSI/SCSI Support

VMware® ESX Server 3.5, vSphere 4 and ESXi
Compliant with iSCSI standard, RFC 3720
Authentication: One-way CHAP/mutual CHAP
iSNS/Access Control Lists
256 Targets per appliance
1024 simultaneous sessions
Target Access Control Lists
SCSI-2 Reservations

High Availability

Yes, synchronous mirroring. Requires optional license

Integrated Data Protection

Yes

RAID

Hardware RAID Controllers supported
RAID levels 0,1,5 and 6

Snapshot

256 snapshots per SVA
VSS Provider for Windows®

Storage Capacity

Unlimited capacity

Storage Licenses Included

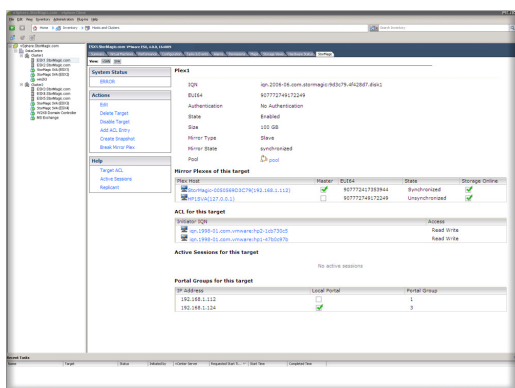
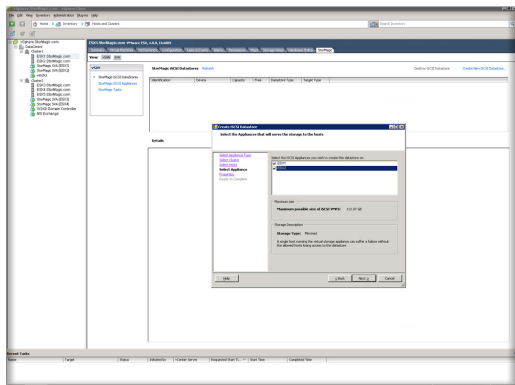
2 Terabyte. Optional 4, 8 and unlimited

Management

VMware vCenter
Web GUI
Wizard-based installation
Event Log Storage Licenses Included
Call home (email notification)
Administrator authentication

Remote Management

Yes



SvSAN provides a complete management console integrated with vCenter. Single operation provisioning of datastores, RAID management and error handling are all available from a single console.

- Integrated into vCenter
- Single operation provisioning
- Create and manage datastores from one console
- Automated configuration of mirrored SvSAN to enable failover of datastores*

*requires high availability option

System Requirements

- VMware ESX Server 3.5, vSphere 4 and ESXi
- Virtual CPU with 2000MHz reserved
- 1 GByte of memory reserved
- Gigabit Ethernet connectivity
- 500MB of disk space
- Additional 20GB disk space recommended when using high availability option
- Integrated RAID configuration and management available for:
 - LSI: All MegaRAID SAS controllers
 - 3Ware: 9500S-4LP/9500S-8/9500S-12/9500S-8MI/9500S-12MI/9650SE-2LP/9650SE-4LPML/9650SE-8LPML/9650SE-12ML/9650SE-16ML/9650SE-24M8/9690 Series
 - Intel: SRCSASRB/SRCSASJV/SRCSATAWB

For more information: call 1 800 517 5282, +44 117 952 7390 (Europe), contact a local reseller or visit www.StorMagic.com

Suggested List Price \$995

About StorMagic

Since 2006, StorMagic has been exclusively focused on simplifying and automating the management of data storage. The cornerstone of our corporate mission is to leverage innovation to reduce the acquisition and management costs of shared storage. With SvSAN, StorMagic has achieved a new milestone; by leveraging the resources of your VMware server and providing integrated vCenter management, its solutions deliver a highly available shared storage environment for a fraction of the cost of traditional systems.

As a TAP Select (Technology Alliance Partner), the VMware community works directly with StorMagic in developing and validating its products.

Explore the revolutionary data storage solution already trusted by prestigious organizations such as Johns Hopkins, Oxford University, Mitsis LLC, ONWASA, Weiss Group Inc. and Classbase IMS.

“The SvSAN provides faultless performance coupled with a dedication to service that impacts our quality standards and needs”

ClassBase IMS