

Network Storage Server (NSS) Virtual Appliance

VMWARE READY STORAGE VIRTUALIZATION FOR BUSINESS CONTINUITY

As an elite VMware Technology Alliance Partner, FalconStor proudly provides the FalconStor® Network Storage Server (NSS) Virtual Appliance: a pre-configured, production-ready virtual machine that provides a cost-effective, feature-rich virtual SAN solution for small-to-medium business (SMB) and remote/branch office (ROBO) VMware environments. The FalconStor NSS Virtual Appliance enables storage virtualization and provisioning in both physical and virtual server environments, for improved operational efficiency and simplified management. Advanced features include thin provisioning, high availability (HA) with mirroring, performance tiering, application-consistent snapshots, WAN-optimized replication, and automated disaster recovery (DR). This VMware Ready solution, which has achieved VMware Storage Virtual Appliance (SVA) for VMware vSphere 5.0 certification, improves the utilization of storage resources to minimize storage overhead while ensuring data availability and business continuity.



Highlights

All-inclusive functionality

- Simple, capacity-based pricing
- Capacity size & disk type scales from 1TB to 10TB¹ per virtual appliance

Heterogeneous support

- Supports iSCSI & Fibre Channel (FC) connectivity to VMware vSphere hosts

Thin provisioning

- Enables efficient management of existing capacity
- Simplifies administration
- Increases utilization of disk capacity
- Reduces capital expenditures (CapEx)

WAN-optimized replication via MicroScan™ technology

- Reduces bandwidth requirements by up to 95%
- Enables fast disaster recovery

Data tiering

- Populates data on appropriate disk volumes

Mirrored volumes, up to 255 snapshots²

- Optional high availability (HA)
- Enables granular recovery points
- Data assurance & business continuity

Automated disaster recovery via RecoverTrac™ tool

- Automates complex application recovery & disaster recovery testing
- Supports physical-to-physical (P2P), physical-to-virtual (P2V), & virtual-to-virtual (V2V) recovery

VMware Site Recovery Manager support

- One of the first solutions to achieve VMware Site Recovery Manager 5.0 certification
- Leverages VMware-based automatic recovery & testing capabilities

¹Requires at least one repository capacity license; supports up to 10 repository capacity licenses.

²Snapshot agents are available for the following environments: Microsoft Exchange Server, Microsoft SQL Server, Microsoft VSS, IBM DB2, IBM Informix, Lotus Notes/Domino, Oracle, Sybase, MySQL, SAP, MaxDB, and VSS, as well as file systems (Linux, HP-UX, Solaris, AIX, Microsoft Windows).

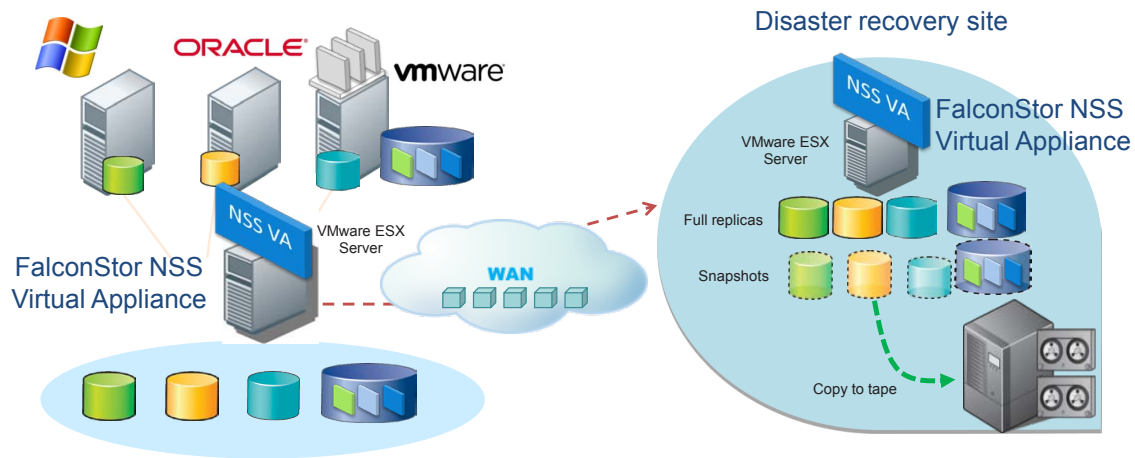


Specifications: FalconStor NSS Virtual Appliance

NSSVA

| Characteristics | |
|--|---|
| Form factor | Virtual machine - OVF |
| Capacity: usable | 1TB - 10TB ¹ (Requires at least one repository capacity license; supports up to 10 capacity licenses.) |
| Host Connections | |
| iSCSI - 1 Gb/s | 1 physical port |
| iSCSI - 10 Gb/s | Host option |
| 8Gb FC | Host option |
| Capabilities | |
| High availability (HA) | Optional |
| Application-aware snapshot agents ² | Optional |
| Snapshots (TimeMark®/TimeView®) per LUN | Up to 255 |
| Application Snapshot Director for VMware | Included |
| Storage Replication Adapter for VMware Site Recovery Manager | Included |
| DynaPath® for Microsoft Windows or Linux native multipathing | Included |
| Recovery agent | Included |
| Automated disaster recovery via RecoverTrac tool | Included |
| Multisite Cluster Adapter for Microsoft Windows | Included |
| Data journaling | Included |
| Thin provisioning | Included |
| Synchronous & asynchronous data mirroring | Included |
| WAN-optimized replication w/ compression & encryption | Included |
| SNMP integration | Included |
| Email alerts | Included |
| Reporting | Included |
| Central Client Manager (CCM) | Included |
| HyperTrac™ Backup Accelerator | Optional |

Example of local storage management, automated failover & recovery with FalconStor NSS Virtual Appliance



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