

NSS VIRTUAL APPLIANCE

HyperVisor-READY STORAGE VIRTUALIZATION FOR BUSINESS

As an elite VMware Technology Alliance Partner, FalconStor proudly provides the Network Storage Server 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) hypervisor environments. The 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 solution 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

HETEROGENEOUS SUPPORT

- Supports iSCSI & Fibre Channel (FC) connectivity to VMware vSphere and Hyper-V hosts
- Cinder driver for OpenStack® support

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 rapid disaster recovery

MIRROR VOLUMES, UP TO 1000 SNAPSHOTS*

- High availability (HA)
- Enables highly granular recovery points
- Data assurance & business continuity

AUTOMATED DR VIA RECOVERTRAC™ TOOL

- Automates complex application recovery & DR 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 5.5 certification
- Leverages VMware-based automatic recovery & testing capabilities

DATA TIERING

- Populates data on appropriate disk volumes

SYNCHRONIZED METRO CLUSTERING

- Does not require an adapter

Hypervisor SUPPORT

- VMware ESXi
- Xen
- Hyper-V
- KVM
- Oracle VM

*Snapshot agents are available for a variety of environments and file systems. Refer to the FalconStor Certification Matrix on our website for currently supported applications and databases.

PRODUCT SPECS

Network Storage Server (NSS)

NSS VIRTUAL APPLIANCE

| CHARACTERISTICS | NSSVA |
|---|---|
| Form factor | Virtual machine - OVF |
| Capacity | Requires at least one repository capacity license |
| CAPABILITIES | |
| High availability (HA) | Included |
| Application-aware snapshot agents* | Included |
| Snapshots (TimeMark®/TimeView®) per LUN | Up to 1000 |
| Application Snapshot Director for VMware | Included |
| VMware & Hyper-V virtual machine protection & recovery | Included |
| Microsoft Windows or Linux native multi-pathing support | Included |
| Recovery agents | Included |
| Automated DR via RecoverTrac tool | 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 |
| HyperTrac™ Backup Accelerator | Optional |

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