

Snapshot Director for VMware Environments

CONTINUOUS AVAILABILITY OF VMWARE APPLICATIONS WITH 100% DATA INTEGRITY

As an elite-level VMware technology partner, FalconStor is proud to offer the FalconStor® Snapshot Director for VMware, which dramatically improves data protection and disaster recovery (DR) for VMware vSphere virtual machines (VMs) by providing 100% transactionally consistent snapshots with complete application data integrity. This easy-to-deploy tool works with the FalconStor® Network Storage Server (NSS) solution, enhancing VMware snapshot technology with the intelligence needed to comprehend, communicate with, and capture application-specific data. It coordinates the snapshot process between the VMware vSphere hosts and the guest VM applications, placing all applications in a “hot” backup mode. Because systems are in backup mode for only a brief period of time, overhead is minimized. The FalconStor Snapshot Director consolidates snapshot management by automatically gathering information from VMware vCenter Server, which is especially helpful in environments with clustered VMware vSphere hosts. Snapshots can be used for local backup and recovery, or replicated offsite for immediate disaster recovery (DR).



Highlights

Open architecture

- Integrates with VMware environments without costly infrastructure changes or impact on existing procedures
- Integrates with all leading applications including Oracle, Microsoft Exchange & SQL Server, IBM DB2 UDB, Lotus Notes/Domino (see certification matrix at www.falconstor.com/matrix)

Cost-effective & easy to deploy

- Coordinates with VMware vSphere & vCenter Site Recovery Manager hosted database, email, & file systems
- Minimizes backup overhead

Continuous availability through fast, reliable data recovery

- 100% transactional integrity of VMware snapshots, for efficient recovery without lengthy consistency checks
- Consolidates & simplifies snapshot management & DR

Specifications

Supported Environments	<ul style="list-style-type: none"> • VMware vSphere 4.x, vSphere 5.0, vCenter Site Recovery Manager • FalconStor NSS 6.15, FalconStor NSS 7.0, FalconStor® HyperTrac™ Backup Accelerator for VMware 6.x
Solution Components	<ul style="list-style-type: none"> • FalconStor Snapshot Director for VMware – runs as a virtual appliance • FalconStor Intelligent Management Agent (IMA) software – runs on each VM (optional) • File system-specific or application-specific FalconStor snapshot agents – run on their respective VMs (optional)
Snapshot Agents	<ul style="list-style-type: none"> • Linux: IBM Lotus Notes/Domino, Oracle, MySQL, Linux file system • Microsoft Windows: Microsoft Exchange Server, IBM Lotus Notes/Domino, Microsoft SQL Server, Oracle, Sybase, Informix, IBM DB2 UDB, SAP, Pervasive SQL, Microsoft Volume Shadow Copy Service, Microsoft Windows file systems

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