

SOFTWARE

SNAPMANAGER FOR VIRTUAL INFRASTRUCTURE

KEY FEATURES

Automated policy-based data protection of data stores through Snapshot™

Virtual machine-consistent backups through hot-backup mode enablement

Granular recovery of virtual machines through SnapRestore®

Increased server utilization for application workloads through eliminating interruptions and performance impact caused by traditional backups/restores

Replication of data stores to secondary sites through SnapMirror®, enabling cost-effective disaster recovery

Eliminates development and maintenance costs of customized scripts for backups

Easy-to-use interface

Empower your VMware administrators with an automated solution for data protection and recovery of virtual machines in a virtual infrastructure.

THE CHALLENGE

Server virtualization introduces new challenges when it comes to data protection for virtual machines and business continuity. The demand placed on highly utilized servers by traditional backups and disaster recovery in a virtual infrastructure can easily exceed the amount of available server resources. Additionally, the mobility of virtual machines requires a new level of operational agility to manage a storage environment in which virtual machines can migrate from one physical server to a different one based on workload balancing or failover requirements.

Virtual infrastructure administrators and storage administrators often use backups within each virtual machine combined with scripts that are expensive to develop and maintain. This approach often requires more computing and I/O bandwidth than is available on a given server. An alternative is to use a dedicated proxy server to back up multiple ESX servers, but it's often necessary to continually add proxy servers to meet workload demands.

THE SOLUTION

SnapManager® for Virtual Infrastructure is a comprehensive data management solution that streamlines storage management in a VMware® ESX environment. It also simplifies backup, restore, and disaster recovery operations for virtual machines.

Deployed in combination with NetApp storage systems, SnapManager for Virtual Infrastructure software empowers virtual infrastructure administrators to address these challenges through policies that storage administrators set for the virtual infrastructure environment. These policies provide hot backups, rapid restores, and disaster recovery solutions that deliver a unique combination of availability, scalability, performance, and reliability for the VMware ESX environment.

Protect Your Virtual Infrastructure with Automated Data Protection and Recovery of Your Virtual Machines without Impacting Your Servers

When managing multiple ESX servers, virtual infrastructure administrators can now rely on a seamless solution to centrally back up, recover, and replicate virtual machines through an easy-to-use user interface that can co-exist in the virtual center environment they are familiar with.

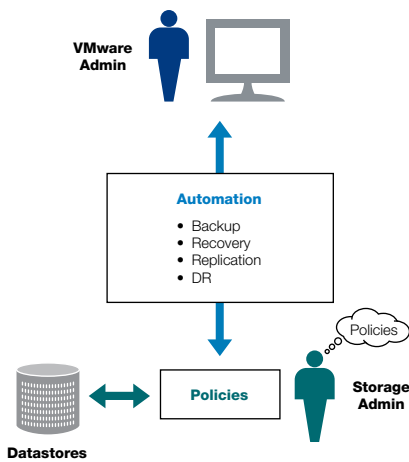


Figure 1) SnapManager for Virtual Infrastructure

SnapManager for Virtual Infrastructure integrates NetApp Snapshot, SnapRestore, and SnapMirror technologies for automated backups of data stores. It provides granular recovery of virtual machines as well as cost-effective disaster recovery solutions through replication of data stores to a secondary site. By also leveraging the Data ONTAP® data-protection functionality of NetApp storage systems and the ESX Hot-Backup mode capability, SnapManager for Virtual Infrastructure eliminates the elusive backup window and provides virtual machine-consistent backups.

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