



NetApp™
Go further, faster



Software

SnapManager for Virtual Infrastructure

Simplify management and increase productivity with our backup, restore, and disaster recovery solutions for VMware virtual server environment

KEY BENEFITS

INCREASE PRODUCTIVITY

Increase your productivity with our easy-to-use interface and automated data protection policies.

ELIMINATE BACKUP WINDOWS

Speed your backup process when you enable our hot-backup mode. You get virtual machine-consistent backups (for fast, granular recovery) without affecting performance.

INCREASE PERFORMANCE

Increase performance and improve server utilization for your application workloads by eliminating interruptions caused by traditional backups and restores.

PROTECT MORE DATA

Get cost-effective disaster recovery with our SnapMirror® technology. You can protect more of your critical data by replicating your data stores to lower-cost secondary sites.

REDUCE COSTS

Eliminate the development and maintenance costs for customized backup scripts by using our automated policies.

THE CHALLENGE

Simplify backup and management of complex virtual environments

Along with your virtualized server environment come a whole new set of data protection and business continuity issues. First, you can find yourself with fully loaded servers after you perform the backup and disaster recovery processes required in a virtual environment. Additionally, virtual machines require more intensive management as they migrate from one physical server to another, depending on the needs of workload balancing or failover requirements.

To resolve these issues, you can run expensive, labor-intensive scripts along with your standard backup processes. Unfortunately, this approach often takes more CPU cycles and uses more I/O bandwidth than may be available on a given server. Or you can use a dedicated proxy server to back up multiple ESX servers—but the downside is that you often end up adding more proxy servers to meet your ever-increasing workload demands.

THE SOLUTION

Streamline your virtual environment

SnapManager for Virtual Infrastructure can help you resolve the inherent issues that arise in your VMware® ESX environment. We can help you simplify management and increase productivity with our backup, system restoration, and disaster recovery solutions for virtual server environments.

When deployed in combination with our storage systems, SnapManager for Virtual Infrastructure empowers you to address the inherent virtual machine challenges through policies that you set. Using SnapManager to set policies for hot backups, rapid restores, and disaster recovery solutions, you can experience:

- Higher data availability
- Broader system scalability
- Better overall performance
- Enhanced data reliability

Protect your virtual infrastructure

You can centrally manage recovery and replication of your virtual machines with our SnapManager for Virtual Infrastructure. Our easy-to-use interface appears within the virtual center environment you're already familiar with.

By leveraging the data protection features of our Data ONTAP® operating system and our integrated Snapshot™, SnapRestore®, and SnapMirror technologies, you can:

- Automate backups of data stores
- Automate granular recovery of your virtual machines
- Eliminate the backup window for fast, complete backups
- Perform consistent backups across all virtual machines
- Create cost-effective disaster recovery solutions through replication of data stores to a secondary site

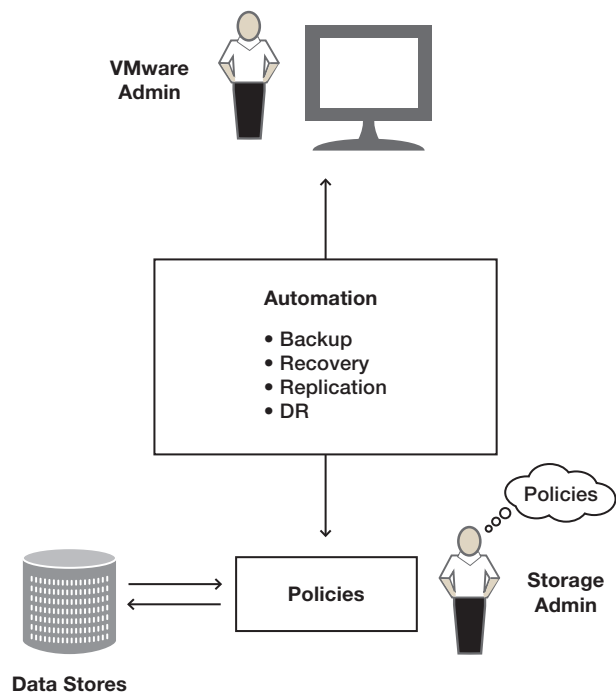


Figure 1) SnapManager for Virtual Infrastructure

NetApp creates innovative storage and data management solutions that help you accelerate business breakthroughs and achieve outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at NetApp.com.

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