NetVault Backup for VMware

NetVault Backup is an enterprise backup & recovery solution that's completely integrated with VMware vStorage APIs for Data Protection (VADP).

Your ability to protect virtual machines from disasters, media failure and data corruption is about to be greatly enhanced. With NetVault Backup, you can get an intuitive GUI with a single, centralized console that allows you to easily create backup and restore policies for your virtual environments.

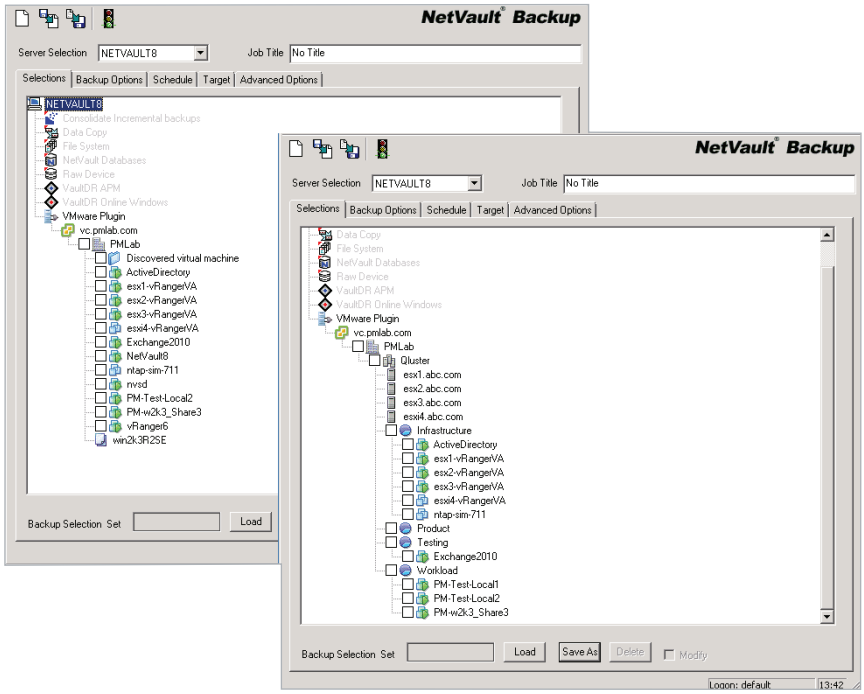
NetVault Backup is an enterprise backup and recovery solution that's completely integrated with VMware vStorage APIs for Data Protection (VADP). It allows you to protect your entire VMware environment—without the need for complex scripting or deep understanding of ESX or VADP internals.

With NetVault Backup, you can minimize downtime by restoring complete virtual machine images or individual files faster and more reliably. Through automatic integration with a wide range of backup storage devices, virtualized data can be protected and safely stored offsite to meet your disaster recovery and business continuity goals.

Key Benefits

Improve VMware ESX performance when deploying VADP

NetVault Backup works with VADP to provide centralized backups that reduce the load on each VMware ESX Server, allowing them to run more virtual machines and reduce backup traffic on the local area network. This approach is especially important if you need to consolidate hardware.



Benefits:

- Meets VMware Ready™ certification
- Supports vSphere™ 5.1, including SAN transport
- Enables vCenter and ESX-based online backups
- Creates VSS-based snapshots for application-consistent backups
- Integrates with VMware's vStorage APIs for Data Protection (VADP) and Change Block Tracking (CBT)
- Supports backup and restore of VMware Thin Provisioned Disks
- Enables backup and restore of VMs within a vApp
- Reduces backup windows by backing up multiple VMs in parallel
- Supports VMotion™ using new vSphere VM locking API
- Performs full-image backups of virtual machines
- Allows full and incremental backups on Windows and Linux guests
- Offers ease of use with its point-and-click GUI
- Restores complete VM image or individual files
- Relocates individual files to alternate directory or virtual machine

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System requirements

VMware Versions
VMware vCenter
VMware ESX
VMware ESXi

ESX Server Platforms
VMware Supported Windows 32 and 64 bit Servers
VMware Supported Linux 32 and 64 bit Servers

You'll have the flexibility to protect all your virtual machines deployed on a VMware ESX Server and protect multiple VMware ESX Servers with a single NetVault client. You can restore an entire virtual machine or individual files from a Windows and Linux guest directly from an image-level backup stored on disk — no need for an intermediary restore.

Additionally, NetVault Backup benefits from VMotion's ability to track the deployment and migration of virtual machines to ensure that backups and restores are performed without requiring detailed knowledge of the location of the individual virtual machines.

Increase confidence while deploying VMware

NetVault Backup protects an individual ESX Server or a full vCenter environment while empowering you to create comprehensive, flexible backup policies without the need to understand ESX or VADP internals or create complex scripting. NetVault Backup provides peace of mind because staff members can simply point-and-click to backup or restore virtual machines. It increases efficiency by consolidating virtual machine backup management into a single environment, improving storage administration efficiency. The solution enhances Windows protection by performing VSS-based snapshots to quiesce applications before backup.

Ensure business continuity with automatic integration of backup devices

Since offsite backups are an important part of any data protection plan, NetVault Backup integrates with a wide range of backup storage devices. You can ensure that your virtualized environments are protected and stored offsite for disaster recovery purposes. It also frees you from being available 24x7 by allowing less experienced VMware administrators to confidently initiate restores correctly and as quickly as possible, reducing downtime and improving business continuity.

Shorten Backup Windows and Improve Device Utilization

NetVault Backup can back up multiple virtual machines in parallel to shrink your backup window. The solution also integrates with VMware's Change Block Tracking (CBT) to ensure only new and changed data blocks are sent to over the wire, greatly improving efficiency and reducing the demand on your network.

What's more, NetVault Backup preserves the use of VMware's Thin Disk Provisioning feature during VM recovery operations to control storage costs and protect data by ensuring virtual machine disks only use the amount of storage they currently need while being able to dynamically add more allocated space as required.

About Dell

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