

# NetVault Backup for Network-Attached Storage

Get flexible, scalable protection for data stored on network-attached storage (NAS) devices with Quest NetVault Backup. Using a specialized plug-in that supports Network Data Management Protocol (NDMP), NetVault Backup maximizes data transfer over the network while maintaining centralized backup administration. It not only provides fast, online data backup and recovery, it also provides efficient backup and recovery options regardless of the NDMP network configuration model in use.

The solution also offers advanced features, including browsable volume selection and direct access restore (DAR) support, which lets you quickly find exactly what must be restored to provide rapid time to recovery. Altogether, with NetVault Backup, you'll be able to optimize operating efficiency, minimize impact to users and reduce your storage window.

## KEY BENEFITS

**Recover faster with DAR** — Filers that support DAR can take advantage of this NDMP feature, which enables fast recovery of whole directories, single files or subsets of files by recording each file's location within the backup media. This eliminates the need for you to read

sequentially through the entire backup set to locate and restore individual files.

**Optimize backups** — Optimize your backups with selectable index options. Enhanced options include writing the index to media or the NetVault Backup database after a backup completes.

**Operate seamlessly between multiple platforms** — NetVault Backup supports mixed server environments with integrated data protection for UNIX, Windows, Linux and NAS devices.

**Choose from multiple backup configuration options** — Increase NAS and network availability by defining NDMP-based backup functions to meet your existing storage environment. NetVault Backup supports all five NDMP data transfer models. It also supports dynamic sharing of tape devices in a NAS/SAN storage environment, leveraging your existing storage investments.

**Ensure efficient backup performance** — Experience fast NDMP backups regardless of the type or location of secondary storage devices in use. A filer backup can be performed to any machine with a direct-attached device — you're not limited to just the backup server or NAS appliance.

## BENEFITS:

- Fast indexing of backup data
- Disk-to-disk backup
- Support for all five NDMP transfer models
- Directory-level relocation
- Simple point-and-click installation and configuration
- Local backup and restore
- Filer-to-filer backup and restore
- NetVault Backup client-to-filer backup and restore
- Dynamic drive sharing on a storage area network (SAN) between filers and NetVault Backup servers and clients
- Direct access restore
- Incremental restore
- Browsable backup

Optimize operating efficiency, provide quick recovery for users and reduce your storage window with NetVault Backup for NAS.

## SYSTEM REQUIREMENTS

### Client/server:

FreeBSD  
HP-UX  
IBM AIX  
Linux  
Solaris  
Mac OS X  
Windows 2003 or later

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No third-party software required

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License needed for each NAS device and each NAS-attached tape drive

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NDMP version 2, 3 or 4

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Specifications and system requirements subject to change without notice.

**Manage and control distributed data centrally** — Leverage data transfer over the network while maintaining centralized backup administration.

**Simplify administration of NAS environments** — Experience centralized management and control of highly distributed data by providing a common backup and restore solution using a cross-platform user interface.

**Reduce storage footprint** — Add NetVault SmartDisk and reap the benefits of byte-level, variable-block deduplication technology, reducing your data storage footprint by up to 90 percent.

**Utilize NetApp options** — Quest Software has years of experience supporting vital supplementary NetApp solutions with options that include:

- **Snapshot Manager** — NetVault's Snapshot Manager for NetApp enables you to generate, automatically schedule and recover snapshots through NetVault Backup's GUI — a key factor in simplifying NetApp filer snapshot management as part of your overall data protection strategy.
- **SnapMirror to Tape** — Working in conjunction with NetApp's SnapMirror technology, NetVault Backup's SnapMirror to Tape feature enables full volumes on filers to be mirrored and backed up to tape to lower overall data protection costs and provide the ability to store data off site for improved disaster recovery support.
- **SnapVault Manager** — SnapVault Manager provides a graphical interface that is integrated with NetVault Backup to provide a single point of enterprise-wide control and improve the management of NetApp's SnapVault feature. This enables you to back up changed data from multiple storage platforms to a common Snapshot target on NetApp appliances, enabling faster tapeless restores.

## NETVAULT BACKUP FAST FACTS

- Direct access restore
- Support for library and tape sharing
- Advanced SAN/NAS support
- Comprehensive NDMP support
- Command-line interface (CLI)
- Comprehensive media management
- Disaster recovery
- Dynamic device sharing
- Event notification
- Extensive platform support
- Gigabit Ethernet (GbE) device support
- High-performance data movers
- Media data copy
- Network compression
- Load balancing
- Virtual machine protection

## ABOUT QUEST

Quest helps our customers reduce tedious administration tasks so they can focus on the innovation necessary for their businesses to grow. Quest® solutions are scalable, affordable and simple-to-use, and they deliver unmatched efficiency and productivity. Combined with Quest's invitation to the global community to be a part of its innovation, as well as our firm commitment to ensuring customer satisfaction, Quest will continue to accelerate the delivery of the most comprehensive solutions for Azure cloud management, SaaS, security, workforce mobility and data-driven insight.

### Quest

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If you are located outside North America, you can find local office information on our Web site.

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