

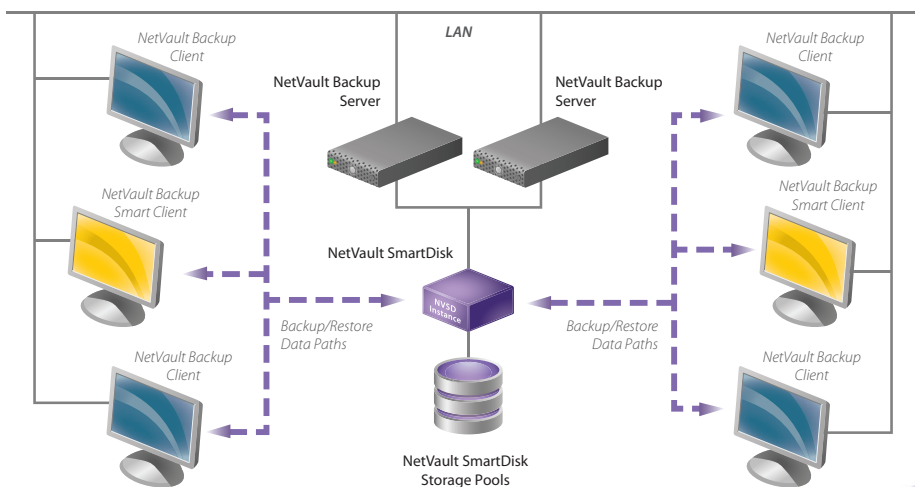
Quest® NetVault SmartDisk

Fast, Cost-Effective and Scalable Disk-Based Backup and Deduplication Services for NetVault Backup

Your organization expects you to do what seems impossible on a limited storage budget: retain a rapidly growing volume of data, back it up within small windows that don't run into operating hours, and make it easily accessible for the long term.

NetVault SmartDisk turns the impossible into the easily attainable. It provides disk-based backup and optional data deduplication that reduces storage costs using a powerful byte-level, variable block-based software deduplication feature. This capability optimizes the use of storage resources in backup disk pools by analyzing smaller chunks of data during dedupe operations. This analysis ensures duplicate data is identified at a more granular level. The byte-level, variable block approach intelligently compresses protected data for up to 90% reduction in the backup storage footprint. SmartDisk is hardware independent so you can use your existing storage infrastructure, often eliminating the need to purchase additional storage devices or expensive storage appliances. And with SmartDisk's post-process deduplication option, you can schedule the deduplication outside the backup window to prevent any impact on normal backup operations.

SmartDisk's seamless integration with NetVault Backup provides job-level deduplication, giving you complete control over the operation. This allows you to separately target deduplicated and non-deduplicated data to ensure the best storage savings and performance. And when this capability is combined with NetVault Backup's job-level encryption, you can get the best of both worlds by deduplicating the primary copy of your backup data for cost savings while encrypting the secondary copies for off-site storage and compliance needs.



NetVault SmartDisk's ability to share disk-based backup storage across heterogeneous platforms eases administrator workloads by providing a single data protection solution.

FAST FACTS

- Simplified disk-based backup
- Byte-level, variable block, software-based deduplication
- Hardware independent
- Post process deduplication
- Rapid deployment with existing infrastructure
- Seamless integration with NetVault Backup
- Job-level deduplication
- Shared storage support
- Easily scalable
- Heterogeneous platform support

COST-SAVING BENEFITS

- Can reduce data storage footprint by up to 90%
- Analyzes smaller amounts of data to prevent fixed blocks from masking changes and storing duplicate data as unique
- Works on most file systems and eliminates need to acquire dedicated drives or appliances
- Allows you to scale by easily adding file system paths to existing storage pools reducing complexity and deferring storage expenses

Plus, you can make the secondary copies outside the backup window while still maintaining strict security standards. SmartDisk's point-and-click interface is so intuitive that a minimal level of storage expertise is required to perform deduplicated disk-based backups.

As your disk-based backup and deduplication needs grow, the highly scalable SmartDisk architecture enables you to easily add more capacity without discarding existing deployments and wasting your previous investments. You also have the option to quickly deploy multiple SmartDisk instances to balance network, disk and deduplication workloads as well as to ensure storage are not under-utilized.

Additional Features

- **Deployment of multiple instances** allows you to distribute network loads and disk deduplication resources to improve load balancing and performance.
- **Shared storage support** enables you to share disk-based backup storage across heterogeneous platforms for a single data protection solution.
- **Data movement support** lets you move data from one SmartDisk instance to another instance, or to VTL and tape-based devices to place redundant backups in off-site locations for failover and disaster recovery.
- **Fast restores** minimize downtime and achieve shorter Recovery Time Objectives.
- **Retention policy support** lets you store the most recent backup copies on disk while moving older data off site or to less expensive storage devices.
- **Tiered storage deployments** provides a foundation for efficient life cycle management.

About Quest NetVault Products

From real-time protection and granular recovery to powerful de-duplication, disk-based and tape backup, and application support, Quest NetVault can help you to seamlessly manage resources across multiple platforms through a single provider and intuitive administrative consoles. With the power of NetVault, you can shrink backup data requirements by as much as 90 percent and conserve storage capacity. Learn more and download t 