

Veritas NetBackup PureDisk™ Remote Office Edition

Innovative data protection for enterprise remote offices

The enterprise remote office challenge

For many companies, protecting remote office data can be a challenge. Today, many companies perform tape backups at each remote office, but this approach can be unreliable, cumbersome, and expensive. The alternative method, creating backups over a wide area network (WAN), also poses problems because of the amount of data and the cost of bandwidth. Veritas NetBackup PureDisk Remote Office Edition software addresses these hurdles and enables companies to efficiently manage and protect remote office data.

The Symantec solution

Veritas NetBackup PureDisk Remote Office Edition offers secure, storage-optimized data protection for remote offices across diverse IT environments. NetBackup PureDisk Remote Office Edition combines disk-based backup with distinctive fingerprinting technology to rapidly identify the unique, changed segments of data across different offices. By identifying only those unique segments of data to back up, NetBackup PureDisk Remote Office Edition reduces the network bandwidth used to move data offsite as well as the amount of storage required. Web-based access for both data recovery and administration streamlines management and access to important data. These features in NetBackup PureDisk Remote Office Edition enable enterprise IT groups to effectively address the challenges of remote office data protection.

Key benefits

- Eliminates tape and backup administration at remote offices for “hands-off” management of data
 - Reduces storage and network consumption from backups by 10–50X
 - Enables enforcement of enterprise data-management and compliance policies on remote office data
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Secure, optimized data protection for enterprise remote offices

NetBackup PureDisk Remote Office Edition performs global single-instance storage across all remote offices and data centers. NetBackup PureDisk technology fingerprints each file based on its contents to accurately identify unique files across clients and locations. When file contents change, NetBackup PureDisk identifies only the unique segments of changed data within the file and compresses them. This reduces the size of the backup, the bandwidth needed to move data, and the secondary storage required. Finally, NetBackup PureDisk can also encrypt local backup data at a remote office, in transit, and at a central site.

Fast, flexible recovery from remote offices or data centers

NetBackup PureDisk stores data on disk at remote offices, data centers, or in both locations for tapeless restores. NetBackup PureDisk can efficiently replicate globally unique file segments to another site for centralized backup and recovery. The replication capabilities of NetBackup PureDisk also enable it to replicate copies to multiple sites, which helps companies efficiently move data to a disaster recovery site for fast, disk-based recovery.



Standardized remote office protection

Companies seek to standardize their data protection environments so that they can increase efficiency, eliminate data loss, and meet internal and external compliance requirements. Companies can choose NetBackup PureDisk to protect file-based data for major platforms at remote offices of any size because of the software's scalability and flexibility. Backup and retention policies can be set by system administrators at the data center.

Key features and benefits

Global single-instance storage across all remote offices and data centers

- Enables bandwidth-efficient backup of data to a central site or data center
- Dramatically reduces storage required for disk-based backup and recovery

Fast and flexible data recovery

- Recover data from a local server, a data center, or another remote site
- Quickly search for and recover files

Highly scalable architecture

- Protect small offices (one or two servers) or large offices based on the same technology
- Back up multiple clients simultaneously without burdening the network
- Easily expand storage capacity by adding PureDisk servers connected to any disk-based storage device

Bandwidth-efficient replication

- Protect NetBackup PureDisk servers by replicating content to a data center and/or a disaster recovery site
- Maintain any number of full backups at a remote office (or data center) using local retention policies
- Maximize available bandwidth with asynchronous replication mode and policy-based filtering

Standardized remote office data protection

- Easily configure backup parameters for multiple machines
- Standardize data and retention policies to meet corporate compliance or service level agreement (SLA) requirements

Secure, Web-based administration and management

- Administer and manage NetBackup PureDisk from anywhere using an SSL-enabled Web browser
- Configure flexible user roles, including visible scope and functional access
- Use 256-bit encryption on data at rest and in transit

Virtual file system interface

- Quickly restore backup data that is filtered by file metadata such as file type, date, and source using a CIFS virtual file system interface
- Locate and recover data through the virtual file system interface

Data Sheet: Data Backup and Recovery Veritas NetBackup PureDisk Remote Office Edition

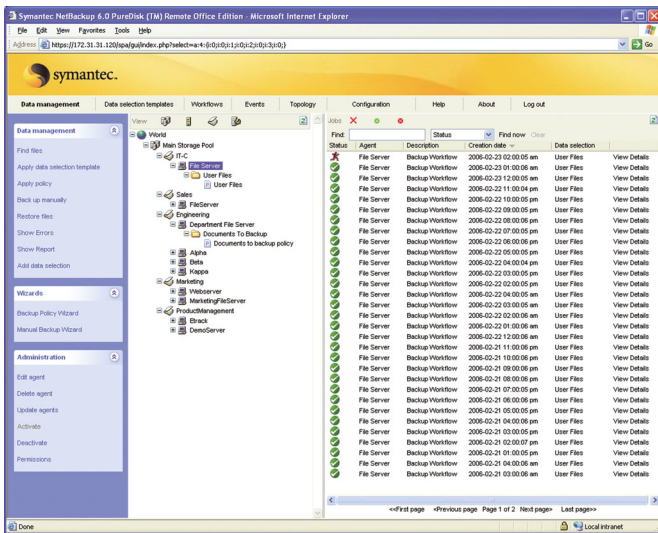


Figure 1. Manage and administer NetBackup PureDisk through a secure, Web-browser interface.

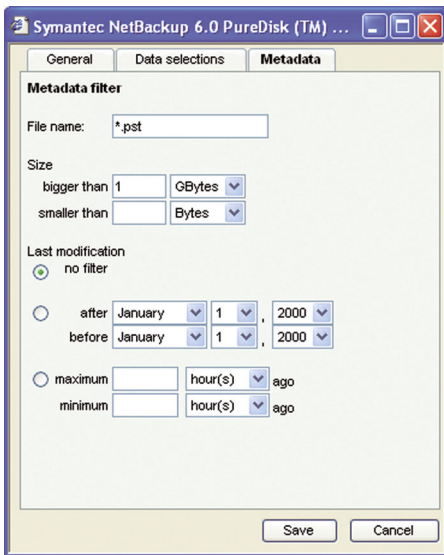


Figure 2. Quickly find files for recovery by filtering metadata.

Platforms supported

Clients (or servers) to be protected with NetBackup PureDisk Remote Office Edition require an agent.

The agent functions on the following O/S platforms:

- Microsoft® Windows®
- SUSE Linux®
- Red Hat® Linux
- Major UNIX Platforms: Solaris, HP-UX, and AIX

Applications supported

- Microsoft Exchange Server
- Microsoft SQL Server

This is a summary of applications and platforms supported as of the publication date. Additional information on platform and application support and system requirements is available, see www.symantec.com/enterprise/support for a complete and current list.



More information

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www.symantec.com

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About Symantec

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