

What's New in Veritas NetBackup 6.5.2 & 6.5.3

Frequently Asked Questions



Q) What are the key themes in the latest release of Veritas NetBackup platform?

A) There are three key themes - they are as follows:

1. Mission-Critical Enterprise Windows Protection
 - Expanded NetBackup support for Microsoft applications, including Microsoft SharePoint 2007, Exchange 2007, SQL Server, and Windows 2008 (including “Works with MS2008 certification”)
 - Granular document restore for SharePoint 2003/2007 and granular mailbox restore for Exchange 2003/2007¹
 - Continued NetBackup leadership with VMware protection by adding VCB incremental backups and Snapshot Client support in a Virtual Machine
2. Increased Protection and High Availability for NetBackup Disk Environments
 - RealTime Protection integration with NetBackup to reduce application data loss and recovery times with true continuous protection
 - Increased disk flexibility and control of Flexible Disk Option, Storage Lifecycle Policies, and SAN Client extended support for high-speed backups
3. Enhanced NetBackup Usability, Manageability and Support
 - Extended support for NetBackup tape environments including higher availability and encryption key management
 - Improved manageability of the NetBackup database, troubleshooting and configurability of NetBackup environments

Q) What are the detailed features and benefits of the “Mission-Critical Enterprise Windows Protection” theme?

A) They are summarized in the following table:

Feature	Benefit
Microsoft SharePoint 2007: Document Restore	The ability to do two types of restores from a single-pass backup. Restore types include database and document restore. Saves backup processing time and storage unit space.
Granular Mailbox Restore from Microsoft Exchange 2003 & 2007 Database Backup ¹	Allows NetBackup to do granular mailbox restores for Microsoft Exchange 2003 & 2007 environments. Dramatically reduces time, bandwidth and storage in protecting large Exchange environments.

¹ Feature available with NetBackup 6.5.3.

Microsoft Exchange: Instant Recovery from Snapshots	Protects Exchange environments with the fastest recovery possible - a snapshot on disk. Ensures this critical application is up and available as needed.
Microsoft Exchange 2007: Continuous Replication Support	Provides replication support for Exchange 2007. Reduces I/O server load during backup processing of Exchange 2007 using continuous replication.
Microsoft SQL Server: File Level Checkpoint Restart	In the event of a SQL backup failure, NetBackup will allow for the backup to be resumed at the point of failure, preventing an organization from having to start over from the beginning. This increases the efficiency of backup operations over time and eliminates unnecessarily having to back up the entire database again.
Microsoft Windows Server 2008 Support	Support for NetBackup client and media servers on Windows Server 2008. NetBackup has received “works with MS2008 certification”.
VMware: VCB Incremental Backup	To complement Symantec’s market leading protection of VMware environments with granular file level and full VMDK recovery from one backup pass, NetBackup now supports the ability to only back up the changed files within a VMDK. This new feature eliminates the need for daily VMDK full backups, which saves storage, and still allows image level (VMDK) restores or file-level restores from any backup.
Snapshot Client Support in a Virtual Machine (off cycle)	NetBackup Snapshot Client is now supported in a virtual machine. Any Snapshot Client that is supported in a physical configuration will also be supported in the virtual configuration.

Q) Isn’t Backup Exec the “Gold Standard in Windows”?

A) Absolutely, and Symantec Backup Exec will continue to provide Windows protection for the small to medium-size business market. With the new release, Symantec has expanded its market-leading Windows support to its Veritas NetBackup platform as Microsoft applications and databases are growing in size and are becoming critical for enterprise and large enterprise environments.

Q) What are the detailed features and benefits of the “Increased Protection and High Availability for NetBackup Disk Environments” theme?

A) They are summarized in the following table:

Feature	Benefit
RealTime Protection Integration	Helps organizations dramatically reduce application data loss and recovery times with true continuous data protection (CDP). It also eliminates the need for lengthy backup windows with scalable appliance-based architecture for off-host backups. RealTime protects application consistency and integrates with NetBackup for easy management of backup and recovery of

	critical applications.
Remote NDMP Backup to Disk	NetBackup customers can now protect their filers with the industry standard protocol (NDMP) and leverage disk as a destination target. Provides the best of NDMP and disk for protection of mission critical data. Any vendor platform that supports remote NDMP can use this feature.
Flexible Disk Option: Force Restore/Duplication Media Server	Ultimate flexibility for customers to control the assignment of restore and duplication jobs with NetBackup Flexible Disk Option. It gives customers more control over how restore and duplication activities occur by allowing them to specify a media server within a disk pool or a specific media pool for these activities.
Storage Lifecycle Policy Support for Snapshots	NetBackup Storage Lifecycle Policies now support Snapshot and RealTime Protection policies. Storage Lifecycle Policies make managing the lifecycle of backup data easier. This feature allows customers to control the creation and retention of multiple copies of backup data in a template that can be applied to many backup policies. Not only does this provide a clear map for data, but it also makes managing change easier. When a retention time or storage destination changes, a customer can modify one lifecycle policy and affect the change across all backup policies that use the template.
SAN Client: Support for Qlogic 2400 (4GB) HBAs	Expanded SAN Client support to include Qlogic 2400 (4GB) HBAs. Increases performance of SAN Client backups and decreases overall backup duration time.
SAN Client: Support for Tape as Storage Destination	Extends SAN Client support to tape allowing customers to benefit from high-speed backups to tape environments in addition to disk.

Q) What are the detailed features and benefits of the “Enhanced NetBackup Usability, Manageability & Support” theme?

A) They are summarized in the following table:

Feature	Benefit
Tape Robotic Path Failover	Provides high availability for customers using tape libraries with multiple robotic connection paths from the media server to the tape library. If one path fails, an alternate path will automatically be used when the job is retried, and for all future jobs.
Encryption Key Management for Tape Drives	Centralized, encrypted Key Management Server (KMS) that supports LTO4 and IBM TS1120 encrypted tape drives. Initial release included at no extra charge.

NetBackup Operations Manager (NOM) Enhancements	Enhancements include high availability support with Veritas Cluster Server for both Windows and Solaris environments, infrastructure updates for improved performance, and improved alert policy configuration.
NetBackup Without Reverse Name Lookup	NetBackup can be configured to be more tolerant of customer network configurations which minimize backup job failures. Allows customers to control all Domain Name Server (DNS) requests.
Activity Monitor Job State Details	Enables customers to more easily troubleshoot and monitor what is happening with backup jobs via the NetBackup Activity Monitor. Includes the ability to see the reason why a job is in a particular state (e.g., when it is queued).
Improved Usability of Job Priority Scheme	Enables NetBackup customers more control over their backup job priority. Customers can configure up to 20 job types including the ability to dynamically change the job priority when backup jobs are queued. Also allows customers to control job priority scheduling with external scheduler tools.
Database Administration Tool for NetBackup RDBMS	New NetBackup Administration Tool that allows customer to do common database administration tasks on the EMM database, e.g., increase tablespace size, rebuild tables, moving the database, etc. Makes administrating data, especially large environments, much more efficient.

Q) When will NetBackup 6.5.2 be generally available?

A) NetBackup 6.5.2 is available now; NetBackup 6.5.3 will be available in Summer 2008.

Q) Where can I go to get more information on NetBackup 6.5.2 and 6.5.3?

A) Please refer to the "Getting Started" link on the NetBackup Support site.

http://www.symantec.com/business/support/getting_started.jsp?pid=15143