

Single Mailbox Recovery with SnapManager® for Microsoft® Exchange

Rapidly recover single items from Exchange backups.

Key Features

- **ALLOWS SINGLE-ITEM RECOVERY**

Quickly and easily restores single mailboxes, individual folders, or any number of messages and attachments.

- **ELIMINATES BRICK-LEVEL BACKUPS**

Makes time-consuming, expensive brick-level backups unnecessary.

- **SUPPORTS RECOVERY TO PRODUCTION SERVER OR PST FILE**

Restores individual Exchange items directly to a production Exchange server or to an Outlook PST file.

- **AVOIDS INCREMENTAL RECOVERY SERVER COSTS**

Eliminates need for setting up and maintaining a separate recovery server and storage to restore single mailboxes.

The Challenge: Quickly Recover Single Items from Exchange Information Stores

One of the most time intensive tasks for Exchange administrators involves recovering single mailboxes or single messages from Exchange backups. To be prepared to recover single mail items from Exchange Information Stores quickly, administrators must perform complex, time-consuming brick-level backups. Purchasing and deploying the additional resources these backups require—software, tape media, extra disk storage, off-site storage, and servers—entails significant additional cost.

The alternative is a painful process of setting up a recovery server, loading the last full backup from tape, and then recovering a single mailbox. Having a standby recovery server saves some time, but adds cost and administrative overhead. To improve service to internal clients and meet service level agreements (SLAs), administrators need a simpler, faster, more accurate method of restoring individual Exchange items.

The Solution: Single Mailbox Recovery with SnapManager for Microsoft Exchange

The powerful combination of NetApp SnapManager for Exchange and Single Mailbox Recovery functionality enables fast, accurate, cost-effective backup and recovery of Microsoft Exchange data. NetApp software enables you to take near-instantaneous online backups of Exchange databases, verify that the backups are consistent, and rapidly recover Exchange at any level of granularity—storage group, database, folder, single mailbox, or single message. The result: improved service to internal clients, reduced infrastructure expenses, and significant timesavings for Exchange administrators.

Rapid, Disk-Efficient Exchange Backups

Brick-level backups are performance intensive and result in large datastores. The NetApp solution completely eliminates the need for cumbersome brick-level backups, saving you considerable time and expense. NetApp SnapManager for Exchange enables you to use NetApp Snapshot™ technology to perform full online backups of Exchange Information Stores rapidly and frequently. You can keep many Exchange backups online with minimal disk requirements for each incremental backup.

Maximum Restore Flexibility

By directly reading the contents of SnapManager Snapshot copies without the assistance of the Exchange server, NetApp storage with Single Mailbox Recovery functionality enables you to easily restore individual mail items from any recent (hourly, daily, weekly) Snapshot. This functionality allows you to rapidly search archived Snapshot copies for previously deleted messages that are no longer in the current mailbox. You control whether individual mailboxes, folders, messages, attachments, calendar notes, contacts, and task items are restored directly to your production Exchange server or to a new or existing offline Outlook PST file.

SOFTWARE

Network Appliance software solutions are optimized specifically for the job, are easy to use and administer, and deliver the lowest TCO and maximum ROI.

In the event of an Exchange outage, SnapManager enables you to restore the entire Exchange server or individual storage groups in a matter of minutes, irrespective of the size of the Exchange Information Store.

Reduced Time to Locate and Restore Items

NetApp SnapManager for Exchange with Single Mailbox Recovery eliminates the extra steps and time required to separately mount each backup on an Exchange server for searching specific e-mail messages. The Advanced Find feature enables you to search across all mailboxes in an archive .edb file by keyword or other criteria and quickly find the desired item.

Integrate with Your Existing Tape Environments

Single Mailbox Recovery includes Extract Wizards for Microsoft NT Backup, VERITAS Backup Exec, and optionally Extract Wizards for CA BrightStor ARCserve, Legato NetWorker, and VERITAS Net Backup. The Extract Wizard restores both private and public Exchange information and stored data from tape and disk backups to any alternate location (e.g. machine, volume, or folder), thereby eliminating the need for a recovery server. In contrast, most backup programs let you restore Exchange data only to the same or duplicate server from which it has backed up.

Unleash the Power of Information

See how the Network Appliance™ Single Mailbox Recovery option for Microsoft Exchange can help your organization manage its data storage infrastructure. Visit our Web site at www.netapp.com and let us show you what "The evolution of storage.™" can mean for your business.

Minimum System Requirements

- Operating system: Microsoft Windows® NT® 4.0 workstation or server, Microsoft Windows 2000 Pro, server or advanced server, Microsoft Windows XP
- Microsoft Exchange 5.5, 2000
- Network Appliance SnapManager for Microsoft Exchange 5.5, 2000
- Microsoft Outlook 97 or greater (MAPI)
- Pentium-class processor
- 256MB RAM or greater
- 5MB or greater free disk space



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