



APPLICATION SOLUTIONS

SINGLE MAILBOX RECOVERY FOR MICROSOFT® EXCHANGE SERVER

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 Microsoft Exchange items directly to a production Exchange Server or to an Outlook PST file.

Avoids Incremental Recovery Server Costs

Eliminates the need to set up and maintain a separate recovery server and storage to restore single mailboxes.

Rapidly recover single items from Exchange backups.

THE CHALLENGE:

Quickly Recover Single Items from Exchange Information Stores

One of the most time-intensive tasks for Exchange administrators is recovering single mailboxes or single messages from Exchange backups. To be prepared to recover single e-mail items from Exchange Information Stores quickly, administrators must perform complex, time-consuming brick-level backups. Purchasing and deploying the additional resources that these backups require—software, tape media, extra disk storage, off-site storage, and servers—entail 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 to meet service level agreements, administrators need a simpler, faster, more accurate method of restoring individual Exchange items.

THE SOLUTION:

Single Mailbox Recovery Combined 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 create 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 results: improved service to internal clients, reduced infrastructure expenses, and significant time savings for Exchange administrators.

RAPID, DISK-EFFICIENT EXCHANGE BACKUPS

Brick-level backups are performance intensive and result in large data stores. 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 Exchange Server, NetApp storage with Single Mailbox Recovery functionality enables you to

easily restore individual mail items from any recent (hourly, daily, weekly) Snapshot copy. Using this functionality, you can 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.

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, regardless of the size of the Exchange Information Store.

REDUCED TIME TO LOCATE AND RESTORE ITEMS

NetApp Single Mailbox Recovery eliminates the extra steps and time required to separately mount each backup on 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 Windows NT® Backup, Symantec® Backup Exec™, and optionally extract wizards for CA BrightStor ARCserve, Legato NetWorker, and Veritas® NetBackup™. The extract wizard restores both private and public Exchange information and stored data from tape and disk backups to any alternate location (for example, 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 server from which it has backed up or to a duplicate server.

ABOUT NETWORK APPLIANCE

Network Appliance is a world leader in unified storage solutions for today's data-intensive enterprise. Since its inception in 1992, Network Appliance has delivered technology, product, and partner firsts that simplify data management. Information about Network Appliance™ solutions and services is available at www.netapp.com.

MINIMUM SYSTEM REQUIREMENTS

- SnapManager 3.2 for Exchange or later
- Windows® 2000 Server or Windows 2003 Server with the latest service packs installed
- SMBR V4.2 can also run on Exchange 2007 Server (if running SMBR on Exchange Server 2007, Outlook 2003 or Outlook 2007 must be installed and configured)
- Microsoft Outlook 2000 or later (Outlook 2003 or later, if running on Exchange Server 2007)
- Processor in the Pentium® class
- 256MB RAM
- 150MB of free hard disk space for the installation (more disk space will be needed for processing log files when opening an EDB file)

Note: SMBR V4.2 supports Exchange 5.5, Exchange 2000, Exchange 2003, and Exchange 2007.

