

Archiving for Storage Management with Backup Exec 2010

Much of the content produced in mid-market and enterprise companies now consists of email, documents, presentations, and other types of unstructured information. This explosion of information has a significant impact on storage spending—as well as on IT's ability to meet the needs of its internal customers and business units and it can lead to the use of any number of disparate tools just to protect applications and keep them running.

Symantec archiving and backup information management solutions are engineered to support today's Microsoft® Exchange 2003 and 2007 Server environments. Unlike typical solutions focused only at the application level, Symantec archiving and backup solutions address the total data infrastructure (applications, servers, and networks) in order to unify content sources, apply retention policies, reduce backup windows, shorten recovery times, and optimize storage resources. Symantec makes it easier for companies of all sizes to store, manage, and protect Microsoft Exchange Servers and Windows® file servers, with Backup Exec's new Archiving Options for Windows File Servers and Microsoft Exchange Mailboxes, powered by market-leading Symantec Enterprise Vault.

Control Storage Growth through Archiving

Archiving is critical to maintaining Exchange server size, performance, and scalability. Keeping old, infrequently accessed, and redundant data on primary servers not only wastes precious space, but it also costs time and money to manage, maintain, and back up the data. Consider how much time and storage space is reclaimed for backups and migration projects when there is less active content residing on Exchange primary storage. The Backup Exec Archiving Options will reclaim primary storage space, enable data lifecycle policies, and maintain end-user access to archived files.

Innovative “Off-Host” Archiving operates off Backup Copies of Exchange Mailboxes

Backup Exec's Exchange Mailbox Archiving Option operates off Exchange 2003 and Exchange 2007 mailbox data that the Backup Exec has backed up. Data in the backup set that meets archive criteria – size, age, or a combination of both is copied to the Archive by the Media Server and subsequently deleted from the source Exchange Server. This “Off-Host” archive process has some benefits archiving transfers data once, instead of multiple times, per backup cycle. Additionally, the load on the content source is lower because there is only a single Agent to deploy on the remote machine – the Remote Agent for Exchange. Exchange 2010 support is anticipated in the next release of Backup Exec.

Reduce Archive size with Integrated Deduplication in the Archive

Backup Exec's Exchange Mailbox Archiving Option enables Administrators to move older, less frequently accessed emails and attachments from expensive primary storage to cheaper disk arrays, while allowing end users to access their archived emails through Backup Exec Retrieve, a Web-based Recovery portal for Archived files, folders, and emails. Backup Exec 2010 Exchange Mailbox Archiving will deduplicate and compress data while storing a single copy of an email message in the archive, regardless of the number of times it is archived—or where it was originally from. Lastly, Archiving can apply storage lifecycle policies for data, allowing storage-optimized copies of Emails to be kept for months or years.

Key Business Benefits

- Keeps Exchange server storage at predictable levels
- Reduce the amount of data stored by Exchange Servers, which leads to improved backup times and reduced consumption of backup resources
- Integrated deduplication in the Archive, leading to efficient use of storage
- Allows Administrators to migrate Exchange Emails from expensive primary storage to cheaper, slower disk storage for long-term retention
- Innovative “Off-Host” Archive method performs Archiving on backup copies of data, leading to lower network transfers and less impact on the source Exchange server.
- Allows end-users the freedom to recover Archived data through Backup Exec Retrieve, a Web-based recovery portal

Features and Benefits

Maintain Exchange Server Storage At Predictable Levels	Administrators can control storage growth on primary Exchange storage by Archiving older data to cheaper disk storage, freeing up space for new user information.
Reduced Exchange Server Backup Windows	Archiving can reduce the overall size of Exchange Servers by moving older, infrequently accessed data to cheaper storage. Exchange Servers with less data backup faster and consume less backup resources.
Integrated Deduplication in the Archive	With Deduplication, the Backup Exec File Server Archive Option efficiently stores a single copy of a file, rather than all copies of that file that exist on a file server. Integrated deduplication in the Archive will reduce the amount of data stored to the Archive.

Licensing Backup Exec 2010 Exchange Mailbox Archiving Option

The Backup Exec 2010 Exchange Mailbox Option is designed to accommodate the needs of small and medium deployments – whether it’s a single media server environment to a robust, multi-server environment. It is licensed on a *Per-User* basis. The Agent for Exchange Servers is also required. This Agent is not included and must be purchased per Exchange server if not already installed.

Scenarios	Customer Environment	Licensing
Archiving Emails and Attachments from 1 Microsoft Exchange 2007 Server	1 Exchange 2007 Server with 150 Users, with 1 Backup Exec Media Server	<p>Qty: 1 of Backup Exec 2010 Agent for Exchange</p> <p>Qty: 1 of Backup Exec 2010 Exchange Mailbox Archiving Option (100 User License Pack)</p> <p>Qty: 5 of Backup Exec 2010 Exchange Mailbox Archiving Option (10 User License Packs)</p> <p>Qty: 1 of Backup Exec 2010 Media Server license</p>

Integrated Data Protection

Symantec Backup Exec 2010 Exchange Mailbox Archiving Option is one of several agents and options which enable administrators to design and easily implement a comprehensive data and system protection solution for physical and virtual environments.

• Deduplication Option	• Agent for Exchange Server	• Agent for Microsoft SQL Server
• File System Archiving Option	• Agent for Active Directory	• Agent for SharePoint Server

For More Information

Symantec Enterprise Sales Support: 800-745-6054

Backup Exec on the Symantec Web Site: www.backupexec.com