

Symantec Backup Exec 12.5 for Windows Servers



Feature Enhancement Comparisons to Earlier Versions

Is your data protection solution optimized to efficiently backup your growing IT environment? Over the last several years, Symantec has significantly invested in transforming Backup Exec into a highly scalable, data protection solution that can go far beyond just protecting a single or small group of Windows Servers.

From adding 3-tier centralized managed to manage hundreds of Backup Exec servers, to performance enhancements allowing Backup Exec to protect multi-terabyte environments with Continuous Protection, to recovery of granular Exchange, SharePoint, and Active Directory objects from a single-pass database –level backup with our patent-pending Granular Recovery Technology(GRT), to expanding beyond just Windows to support Linux, MAC, NDMP, and Unix servers, Backup Exec has the capabilities you need to meet your data protection and recovery needs as your environment grows in size and complexity.

With Backup Exec 12.5, Symantec continues to deliver enhanced functionality that simplifies data protection and recovery that now includes protection and granular recovery for virtual environments that include VMware and Microsoft Hyper-V, while also upgrading SharePoint, NDMP, Linux, Oracle, Lotus, and SQL support.

See what the latest version of Backup Exec can do for your organization with the help of the table below that shows what key improvements of Backup Exec where made in each version. Be sure to also see the information after this table on the new **Backup Exec Infrastructure Manager** which is designed to assist in upgrading your Backup Exec environment to take advantage of this new and expanded functionality.

Backup Exec Feature Comparison By Version (Click on each link in the table below for more information on the feature)	12.5	12	11d	10.X	9.X
New! Complete Protection of VMware Environments and Guest Virtual Machines with the Agent for VMware Virtual Infrastructure	✓				
New! Complete Protection of Microsoft Hyper-V Servers and Guest Virtual Machines with the Agent for Microsoft Virtual Servers	✓				
Enhanced! Granular Recovery of Most SharePoint Individual Components Including Site, Sub-site, List, Calendar Items, Wiki Discussions, and More	✓				
Enhanced! NDMP Support for Remote and SAN Shared NDMP Configurations	✓				
New! Linux Support for Direct Attach of Tape and Disk Backup Devices to Linux Servers with Remote Media Agent for Linux Servers	✓				
New! Support for Microsoft SQL 2008 Including Support for SQL 2008 Filestream Data Types and SQL 2008 Enterprise Edition Compression	✓				
New! Integrated Support for Microsoft Essential Business Server 2008	✓				
New! Support for Microsoft Small Business Server 2008	✓				
New! Support for Oracle 11g on Windows and Linux (32/64-bit)	✓				
New! Support for Lotus Domino 8 (64-bit) on Windows	✓				
Includes Complete “out-of-the-box” Protection for Windows Servers 2008-2000, including All Open Files and Basic System Recovery	✓	✓			
Introduction of the Agent for Enterprise Vault™ Ensures Valuable Data Archives are Backed-up and Easily Recoverable	✓	✓			
Introduction of Symantec Protection Network (www.spn.com) Integration Provides Secure, Cost Efficient, Off-site Backup and Electronic Vaulting of Backup Exec Data Instead of Traditional Expensive Tape Pickup Services (North America only)	✓	✓			
Introduction of Symantec Endpoint Protection Integration for Proactive backup based on preset Threatcon levels	✓	✓			
Optimizations for Faster Backup With Newer LTO4 and LTO3 Tape Devices, including LT04 T-10 Hardware Encryption Support	✓	✓			

Protection for Lotus Domino 8 (32-bit)	✓	✓			
Improved Granular Recovery Technology (GRT) to Remote and Non-Windows Backup Locations, including Expanded GRT Off-host Backup of Exchange Support and Disk Space Management	✓	✓			
Includes Revolutionary and Patent-Pending Granular Recovery Technology (GRT) for Microsoft Exchange, Active Directory, and SharePoint to Recovery Individual Items from a Single-Agent, Single-Pass Backup	✓	✓	✓		
Granular Exchange Mailbox, Message, and Public/Private Folder Level Recovery Without Separate Mailbox Backups	✓	✓	✓		
Full data protection for Exchange 2007 . Including Support for Continuous Protection, GRT, and LCR/CCR Configurations	✓	✓	✓		
Active Directory Agent to Provide Object Level Active Directory Recovery to Recover Individual User Accounts, Organizational Units, Individual Attributes, Without Rebooting a Domain Controller	✓	✓	✓		
Document Level Recovery for SharePoint Portal Server 2003, 2007, WSS 2.0/3.0	✓	✓	✓		
Support for 64bit OS and Hardware Windows 2003 R2 2003 x64	✓	✓	✓		
Includes AES OpenSSL (128/256-bit) FIPS-140-2 Certified Encryption	✓	✓	✓		
True Continuous Protection/Replication for Exchange	✓	✓	✓		
NDMP Option for Netapp, IBM N-Series, and EMC Celerra	✓	✓	✓		
High Performance Oracle Agent for Oracle 8i, 9i, 10g (32/64bit) , Support on Windows/Linux with RMAN Support	✓	✓	✓		
Support for Highly-available Oracle 8i, 9i, 10g (32bit and 64bit) for Oracle Real Application Clusters (RAC) on Windows/Linux	✓	✓	✓		
Protection of IBM DB2 9.x Databases on Windows	✓	✓	✓		
LiveUpdate Built-in for Easy Updates to Backup Exec Including Drivers	✓	✓	✓		
Protection for Apple Systems Running MAC OS X Desktop or Server	✓	✓	✓		
Customized Reporting for Complete Reporting of All Backup Exec Activity	✓	✓	✓		
Centralized, 3-tier Management of Multiple Backup Exec Servers from Single Console with the Backup Exec Central Administration Server Option	✓	✓	✓	✓	
True Continuous Protection/Replication for Windows File Servers	✓	✓	✓	✓	
High Performance Protection for 32bit/ 64bit Linux and Unix Servers with the Backup Exec Remote Agent for Linux and Unix Servers (RALUS)	✓	✓	✓	✓	
Synthetic Backups of Windows File Servers Eliminates Regular Full Backups	✓	✓	✓	✓	
Off-Host Backup of Exchange and SQL to Eliminate Backup Windows	✓	✓	✓	✓	
True Continuous Protection/Replication for Windows 2000, XP, Vista Desktop/Laptops, whether in the office or on the road with the Desktop and Laptop Option	✓	✓	✓	✓	✓
Complete Disk-to-Disk-to-Tape Solution with ability to easily duplicate media	✓	✓	✓	✓	✓
Outlook-like Easy Calendar-Based Job Scheduling	✓	✓	✓	✓	✓
SAN Support for High Speed LAN-free Backup and Shared SAN Tape Libraries with the Shared Storage Option	✓	✓	✓	✓	✓

To help customers upgrade to the latest versions of Backup Exec to take advantage of these improvements listed above, Symantec has also released the **Backup Exec Infrastructure Manager (BEIM)** to assist in the;

Inventory	Discovery	Upgrade	Deployment	License Management
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of **Backup Exec versions 9.1 thru 12.5.**

Please see the following link for more information www.backupexec.com/beim or contact:

- Your preferred Symantec reseller at <http://www.symantec.com/partners/>
- Or Symantec Sales at http://www.symantec.com/business/contact_sales.jsp