



Backup Exec 12 for Windows Servers Agents and Options

PRODUCT OVERVIEW

Symantec Backup Exec™ 12 for Windows® Servers is the gold standard in Windows data protection, delivering proven, efficient, certified disk-to-disk-to-tape backup and recovery for Windows-based environments. Continuous data protection of Microsoft® Exchange, SQL, file servers and workstations for reduced backup windows. Plus, patent pending granular recovery technology in the Agents for Exchange, SharePoint Server and Active Directory to easily restore individual emails, documents and user preferences in seconds.

Backup Exec 12 new multi-product integration also provides additional scalability and simplifies the IT challenge to secure, backup and archive business critical data through cross-platform integration with Symantec Endpoint Protection™, Enterprise Vault™, Backup Exec™ System Recovery and, for North America only, the new Symantec Online Storage*.

ADDITIONAL AGENTS AND OPTIONS*:

Backup Exec Agents and Option enhance and extend platform and feature support for Backup Exec Environments. Whether you need to protect critical Microsoft applications or non-Microsoft Operating systems, Backup Exec 12 for Windows Servers has an expansive portfolio of high powered Agents and Options to scale and grow a Backup Exec environment.

* Advanced Open File Option (AOFO) and Intelligent Disaster Recovery Option (IDRO) are now included with each core Backup Exec 12 license and with each Agent for Windows Systems providing complete out-of-the-box data protection

OPTIONS / AGENTS	DESCRIPTION	BENEFITS
<p>NEW! Symantec Backup Exec 12 Agent for Enterprise Vault</p>	<p>The new Backup Exec 12 Agent for Enterprise Vault provides customers with new integrated backup protection for Symantec Enterprise Vault archives. Backup Exec provides full application protection for Enterprise Vault Directory Databases, Partitions or Vault Stores and Indexes. Symantec Enterprise Vault customers can now backup and recover data quickly and easily with the latest Agent for Enterprise Vault archives. All backup and recovery jobs are managed through the Backup Exec console which allows users to easily select some or all of the Enterprise Vault resources they wish to backup as well as quickly browse and select the Enterprise Vault components for recovery, including individual Partition files and Indexes. Another example of how Symantec delivers integrated functionality to better ensure complete data availability.</p>	<ul style="list-style-type: none"> • Easy to manage data protection for Enterprise Vault archives • Recover individual partition files and indexes in seconds • Integrated backup, recovery and archive solution
<p>Enhanced! Symantec Backup Exec Agent for Windows Systems</p>	<p>The Agent for Windows Systems has been significantly enhanced. With the continued benefits of Remote Agent for Windows Servers and the Continuous Protection Agent capabilities, this agent now also includes the Advanced Open File Option and Intelligent Disaster Recovery Option. The Remote Agent expands network-wide data protection and optimizes data transfers for 32- and 64-bit remote Windows servers. Exclusive Agent Accelerator technology helps maximize backup and recovery performance by providing source-level compression and distributed processing at the client. The Continuous Protection Agent enables continuous disk-based data protection for remote file servers with LAN or WAN connectivity to the Backup Exec Continuous Protection Server. Continuous protection simplifies backups by consolidating data protection into a central server, eliminates the backup window needed to protect each file server, and provides faster restores by helping to ensure business-critical data is immediately accessible. The Advanced Open File Option handles open files in multiple volumes and ensures files on local or remote servers are protected while in use and are not skipped when running a backup job. The Intelligent Disaster Recovery Option saves time by automating the traditional manual, error-prone process of system recovery. This tape-based system recovery solution quickly recovers downed servers, enabling restores from the last complete backup set, including full, differential, incremental, and working set backups. With four powerful technologies wrapped into one agent, users truly have complete data and system protection every remote Windows servers.</p>	<ul style="list-style-type: none"> • Optimizes data transfers for 32- and 64-bit remote Windows servers for faster backups • Protects open files on local or remote servers while in use • Automates server disaster recovery for local and remote tape-based environments to quickly get your business back on track • Provides continuous disk-based protection, with point-in-time snapshots, while eliminating file server backup windows



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Enhanced! Symantec Backup Exec Agent for Microsoft Exchange Server	This agent includes continuous data protection for Exchange Server and revolutionizes data protection and recovery by eliminating the daily backup window for Exchange backup jobs while still allowing recovery of individual messages, folders and mailboxes—in seconds with patent pending Granular Recovery Technology. Additionally, administrators do not need to run a mailbox (or MAPI) backup, which significantly reduces the number of backups, time and cost required to protect Exchange. With Granular Recovery Technology the enhanced Exchange Agent can granularly recover from a single full backup, eliminating the need for multiple Exchange backups. Plus Backup Exec 12 granular recovery backup jobs can now be easily stored to a remote or removable disk drive, or off to a fiber channel or iSCSI SAN environment. Fast, flexible technology protects vital Exchange Server 2000, 2003, and 2007 data while the application is still online.	<ul style="list-style-type: none"> • Unmatched restore features of individual email, folders, mailboxes in seconds • Eliminates the need to run Exchange mailbox backups • Reduce backups and speed up recovery times • Now supports off-host options for high performance, less impact backup and recovery of Exchange
Enhanced! Symantec Backup Exec 12 Agent for Active Directory	Symantec Backup Exec 12 Agent for Microsoft Active Directory dramatically reduces the time to recover from small disasters, helping to improve employee productivity, reduce the potential for greater issues, and alleviate the aggravation associated with traditional Active Directory protection and recovery. Only Backup Exec 12 can leverage the innovative Granular Recovery Technology (GRT) which enables fast recovery of Active Directory user accounts, printers, organizational units (OU's), down to the individual attribute level without Domain Controller reboots, and now supports granular recovery of Microsoft Server 2008 Active Directory Domain Services objects.	<ul style="list-style-type: none"> • Restore objects without rebooting AD Domain Controllers • Single Pass Backups for complete AD or object level recovery from single backup • Point and Click restores • Supports Microsoft Server 2008 Active Directory Domain Services objects
Symantec Backup Exec Agent for Microsoft SQL Server	Continuous protection of SQL databases eliminates the daily backup window for SQL server and enables recovery of database transactions that have been made right up to the time of the hardware or software failure. Additionally, flexible recovery options allow IT administrators to restore SQL databases to destinations other than where they originated, directing a copy of the actual data streams being sent to media by a SQL database to a local directory for later use. The SQL Server 2005 snapshots are integrated into the Backup Exec catalog for a consolidated look at all data copies available for recovery in seconds. This agent provides SQL Server 7.0, SQL Server 2000, and SQL Server 2005 users with efficient data protection of 32- and 64-bit systems down to the individual database or file group.	<ul style="list-style-type: none"> • Eliminate the daily backup for SQL Servers with Continuous data protection • Quickly restore data from local backup destination • Recover up-to-the-minute data changes
Symantec Backup Exec Agent for Microsoft SharePoint Server	Recover critical data in seconds with the enhanced Agent for Microsoft SharePoint Server (SPS).with patent-pending Granular Recovery Technology. Now individual documents can be restored from SharePoint Portal Server 2003, SharePoint Server 2007 and SharePoint Services 3.0 quickly and easily, offering users efficient granular restore of only the specific file or version of a file that has been deleted or corrupted without having to recover the entire database.. This agent safeguards a SharePoint corporate knowledgebase system with online, fast, and reliable data protection and recovery. Plus distributed server farm configurations are fully supported by the high powered agent.	<ul style="list-style-type: none"> • Granular Recovery of individual SharePoint documents in seconds • Fast, efficient data protection • Flexible support for SharePoint Server and SharePoint Services
Symantec Backup Exec Agent for Oracle on Windows and Linux Servers	Integrate nondisruptive data protection for business-critical Oracle 10g, 9i, and 8i application/database backup and the protection of archived redo logs and control files, without ever taking them offline. Backup Exec 12 delivers full support of Oracle's Recovery Manager (RMAN). Initiate backups and restores from the Backup Exec Media Server or from the Oracle RMAN console. Multistream support is available for increased performance during backups and restores. Supports Intel Xeon EMT64, Intel Pentium EMT64, AMD Athlon, and AMD Opteron processors. The new version also supports Red Hat and SUSE Linux.	<ul style="list-style-type: none"> • Scalable data protection for Oracle environments • Multistream support for increased performance



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<p>Symantec Backup Exec Remote Agent for NetWare Servers</p>	<p>The Remote Agent for NetWare Servers incorporates remote NetWare server data protection and recovery into daily backup and recovery activities. This agent offers 100 percent SMS compatibility and NDS bindery information for NetWare servers. Exclusive Agent Accelerator technology helps maximize backup and recovery performance by providing source-level compression and distributed processing to reduce network traffic and maximize throughput.</p>	<ul style="list-style-type: none"> • Scalable heterogeneous data protection for Novell NetWare environments • High powered remote agents for fast, efficient backup and recovery
<p>Symantec Backup Exec Agent for Oracle RAC on Windows or Linux Servers</p>	<p>With this Symantec Backup Exec 12 Oracle RAC Agent, protect an Oracle application server or business critical applications requiring high availability running within Oracle Real Application Clusters (RAC) on Windows and Linux servers. Initiate backups and restores from the Backup Exec media server or from the Oracle RMAN console. Multistream support is available for increased performance during backups and restores.</p>	<ul style="list-style-type: none"> • Scalable data protection for Oracle environments • Multistream support for increased performance
<p>Symantec Backup Exec Remote Agent for Linux or UNIX Servers</p>	<p>Provides high-performance network-wide data protection and recovery for 32- and 64-bit remote Linux and UNIX servers, including support for Intel Xeon EMT64, Intel Pentium EMT64, AMD Athlon, and AMD Opteron processors. The redesigned agent extends Backup Exec software's advanced agent technology beyond Windows and NetWare to meet the needs of the emerging business applications on Linux operating systems. This agent offers full or incremental, or differential, backup and restore for the following products: Red Hat®, Red Flag, Miracle, SUSE, Sun™ Solaris™ (SPARC), VMware, HP-UX®, NOES SUSE Linux, Solaris 10 on Intel, and AIX.</p>	<ul style="list-style-type: none"> • Scalable heterogeneous data protection for Linux and UNIX environments • High powered remote agents for fast, efficient backup and recovery
<p>Symantec Backup Exec Agent for SAP Applications</p>	<p>Provides SAP certified data protection for business-critical SAP applications while the application is still online and in use—supporting both Oracle and MaxDB database. The Agent for SAP is a reliable solution that allows Backup Exec software to provide both local and remote protection of databases using the SAP (BC-BRI BACKINT) interface for efficient data management. Backup Exec for Windows Servers is certified with SAP NetWeaver and BR*Tools 6.40. Protect and recover SAP applications running in a cluster environment. For protection of SAP that is running on Microsoft SQL database, the Backup Exec Agent for Microsoft SQL Server should be used.</p>	<ul style="list-style-type: none"> • Certified online data protection for SAP applications • Scalable data protection for SAP environments
<p>Symantec Backup Exec Advanced Disk-Based Backup Option</p>	<p>Enables faster backups and restores through advanced disk-based backup and recovery, including Synthetic and Off-Host backups to perform zero impact backups. Synthetic backups reduce backup windows and network bandwidth requirements and do not impact the original client. True image restore functionality automatically restores data sets sequentially, simplifying restores.</p> <p>The Off-Host backup feature enables better backup performance and frees the remote computer by processing the backup operation of the remote computer on a Backup Exec media server instead of on the remote computer or host computer.</p>	<ul style="list-style-type: none"> • Support for synthetic backups to reduce the weekly backup window • Supports Off-host backups providing zero impact backups • Simplifies the management and restore of critical data sets
<p>Symantec Backup Exec Central Admin Server Option</p>	<p>Simplifies management by providing concise information and centralized management of multiple Backup Exec media servers across the network. A robust and scalable solution, it enables centrally managed operations, load balancing, distributed catalogs, bandwidth throttling, fault tolerance, and monitoring and reporting for many Backup Exec media servers in a Windows data center, distributed throughout the network or at remote offices.</p> <p>The Central Admin Server Option makes Backup Exec simple to grow and effortless to manage. Operations can continue uninterrupted on the managed media server even when there is a nonpersistent network connection to the central administration server.</p>	<ul style="list-style-type: none"> • Scale and centrally manage multiple media servers through one console • Load balance jobs, supports bandwidth throttling and more while operations continue uninterrupted • Easy to view and manage reporting of multiple media server environments • Supports nonpersistent network connections to the central admin server



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<p>Symantec Backup Exec Desktop and Laptop Option</p>	<p>With the majority of business-critical information residing outside the data center or off corporate servers, protection for desktops and laptops is a must. The Desktop and Laptop Option delivers continuous data protection to desktops and laptops whether in the office or on the road. Not only improving data protection and efficiency, this option enables users to restore their own files and maintains synchronization between multiple desktops and laptops so the most up-to-date file versions are available on all of a user's computers. Because the Desktop and Laptop Option does not require a dedicated stand-alone server as competing products do, it easily integrates into existing IT infrastructure and policies, helping lower the total cost of ownership. The new push-install functionality from within Backup Exec centralizes deployment. Backup Exec 12 adds support for Windows Vista, Windows XP 64-bit OS, as well as delta file transfer, reducing the total amount of data being backed up. This option is integrated with Backup Exec Retrieve (available with the Backup Exec Continuous Protection Server) for even greater simplified file recovery.</p>	<ul style="list-style-type: none"> • Protect mission critical data on remote desktops and laptops quickly and efficiently • Continuously protect data whether in the office or off the corporate network • Simple, "google-like" end-user data recovery through Backup Exec Retrieve • 5 free licenses included with each core license
<p>Symantec Backup Exec Library Expansion Option</p>	<p>Scales the media storage system by leveraging additional drives within multidrive tape or optical autoloader/library storage systems. This option's Advanced Device and Media Management (ADAMM) technology provides extensive configuration and management capabilities, including lights-out backup and restore operations and bar code reader and portal support for both SCSI and Fibre attached devices. Users can partition slots within a library to target backup jobs to a specific slot.</p>	<ul style="list-style-type: none"> • Support additional drives in a multi-drive tape device • Easily manage the target backup location to a specific drive. • Scalable tape-based support
<p>Symantec Backup Exec SAN Shared Storage Option</p>	<p>This powerful LAN-free backup solution allows multiple distributed backup servers to centralize storage devices that are connected over a switched fabric or iSCSI SAN for greater performance, efficiency, and fault tolerance. SAN Shared Storage Option load balances job activity across shared devices from multiple Backup Exec servers. The increased performance, backup speeds, and centralized management of media help lower the total cost of ownership. The SAN Shared Storage Option is a groundbreaking solution in manageability and performance for large-scale, high-end storage environments</p>	<ul style="list-style-type: none"> • Scalable storage area network (SAN) support for greater backup performance • Easily load balance SAN job activities through any attached Backup Exec media server • Provides fast, efficient backup options for growing businesses
<p>Enhanced! Symantec Backup Exec Agent for Lotus Domino</p>	<p>The Agent for Lotus Domino integrates comprehensive data protection of vital Lotus Domino 6.x, 7.x and 8 messaging and collaboration databases within daily backup activities. The backup and restore of partitioned and clustered Lotus Domino servers are also supported. Using the native Domino backup API, this option integrates non-disruptive data protection of the databases and transaction logs. Plus flexible restore options include database redirection and point-in-time "rollback" recovery of databases or transaction logs. Users benefit from user-controlled recycling of the transaction logs, reducing manual intervention and speeding up recovery</p>	<ul style="list-style-type: none"> • Now supports Lotus Domino 8 • Flexible restore features • Efficient, easy to manage data protection of the Lotus Domino database and transaction logs
<p>Symantec Backup Exec Agent for DB2 on Windows Servers</p>	<p>The new Symantec Backup Exec 12 Agent for DB2 supports the backup and restore of IBM® DB2 on Windows servers, allowing administrators to view logical objects (databases, table spaces) and select these entities to be recovered to a specified point in time. Initiate backups and restores from the Backup Exec media server or from the DB2 Command Line Processor.</p>	<ul style="list-style-type: none"> • Complete database protection for IBM DB2 environments • Easy backup and recover critical DB2 data
<p>Enhanced! Symantec Backup Exec Remote Agent for Macintosh Servers</p>	<p>The enhanced Symantec Backup Exec 12 Remote Agent for Macintosh Servers provides support for on-line non-disruptive backup of Macintosh OS X 10.3, 10.4 and 10.5 operating systems. The expanded Macintosh platform support broadens the data protection offering for Backup Exec customers and further ensures up to date backup and recovery for heterogeneous platforms.</p>	<ul style="list-style-type: none"> • Now supports Mac OS X 10.5 environments • Scalable data protection for remote Mac servers and workstations



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Enhanced! Backup Exec for Windows System Recovery Option	Streamlined for use with Backup Exec for Windows Servers, it provides advanced, affordable disk-based Windows system recovery—in minutes. This Option delivers business critical system recovery capabilities offered in the full version of Symantec Backup Exec System Recovery to complement a Backup Exec for Windows Server deployment. Ensure your business can easily recover from a system failure, natural disaster or crippling human error.	<ul style="list-style-type: none"> • Dissimilar hardware recovery • Physical to virtual (P2V) conversion • Customizable Symantec Recovery Disk • Now supports Microsoft Windows Server 2008
Enhanced! Symantec Backup Exec NDMP Option	The enhanced Symantec Backup Exec 12 NDMP Option supports the backup and restore of NDMP NetApp (Data ONTAP 7.0 or later) EMC Celerra (with DART 5.5 or later) and IBM N Series filers with tape devices attached. Support for NDMP devices greatly expands the number of disk targets that can be selected for disk-based data protection.	<ul style="list-style-type: none"> • Now supports IBM N Series filers • Enhanced storage capabilities

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