

Symantec Backup Exec™ 10d for Windows Servers
Designed for Disk and Delivers Continuous Data Protection

What is Symantec Backup Exec 10d for Windows Servers? 2

Key Messages 2

What’s New and Improved? 3

Key Continuing Features & Benefits 5

System Requirements..... 7

Maintenance and Support 9



What is Symantec Backup Exec 10d for Windows Servers?

Symantec Backup Exec 10d *for Windows Servers*, is the industry leading Windows data protection solution designed for disk, providing comprehensive, cost-effective, and certified backup and recovery – now including true continuous data protection with the industry's first web-based file retrieval. Centralized administration provides scalable management of distributed backup and remote servers. An intuitive interface and wizards simplify data protection and recovery procedures for any level user and any size network. With a complete family of high performance agents and options to protect Windows, Linux, and UNIX server data, as well as desktops and laptops, Backup Exec offers simple, flexible, and granular data protection.

Key Messages

Eliminates Backup Windows

- Data protected immediately and continuously
- No more incrementals or differentials
- Only changed data transmitted

Delivers Industry's First Web-Based File Recovery

- Simple user experience
- For Administrators or End-Users
- No special software – just use a standard browser

Provides Complete Protection – Just Add Data

- Comprehensive Disk-to-Disk-to-Tape Data Protection
- From Applications to File Servers to Workstations
- Integrated management via Backup Exec SmartLink



What's New and Improved?

Core Features

Continuous Protection Server

Revolutionizes data protection by eliminating the backup window, improving reliability, and introducing the industry's first web-based end user file restore with continuous disk-based data protection. Combined with Backup Exec 10d, it delivers the only complete disk and tape based solution.

Multi-Staged Disk Backups

Improves manageability by defining retention periods for disk-based backups before moving them onto tape, supporting disk-to-disk-to-tape strategies.

Backup Exec SmartLink Technology

Simplifies and centralizes management by integrating with Continuous Protection Server, Replication Exec™ and Storage Exec™.

Policies

Provides a method for managing backup jobs and strategies, allows the administrator to determine what to protect, and when, in advance of running the backup job.

Environment Check Utility

Simplifies installation by detecting potential issues that may cause a problem during the install. Runs prior to Backup Exec being installed and checks if the media server has the proper system environment and checks 3rd party application versions.

Availability Windows for Selection Lists

Set a time range for when resources in a selection list will be available for backup. Set a default availability window for all selection lists, or set the availability window for each individual selection list.

Virtual Server Protection Support

Provides backup and recovery protection for the Microsoft Virtual Server and VMware environment where one machine with multiple processors is configured into multiple virtual machines.

Cluster Protection Support

Provides backup and recovery protection for servers in cluster server environment. A separate Backup Exec core product, agent or option license is required (available for separate purchase) for all ACTIVE servers or nodes only, whether they are physical or virtual.



Agent/Option Features

Continuous Protection Agent -

Provides continuous disk-based data protection for local or remote Windows file servers with a LAN or WAN connection to a Backup Exec 10d Continuous Protection Server. The Continuous Protection Agent captures all changes to files continuously at the block level, reducing network traffic and increasing efficiency.

Agent for Microsoft Data Protection Manager -

Provides high performance network-wide data protection for the Microsoft Data Protection Manager, including all embedded SQL Server components to ensure long term data protection to tape.

Advanced Disk-based Backup Option

Enables faster backup and fast disk-based recovery through synthetic and off-host backups.

Centralized Admin Server Option

Simplifies and centralizes management and monitoring of multiple Backup Exec servers across a distributed network or in remote offices.

Remote Agent for Linux/UNIX Servers

Provides high performance network-wide data protection for 32 and 64-bit remote Linux and UNIX servers.

Agent for Microsoft SharePoint Portal Server 2003

Safeguards a SharePoint Portal Server 2001 and 2003 corporate knowledgebase system with online, fast and reliable data protection and granular recovery – including server farms.

Extended Application and Platform Support

Integrates fast and reliable data protection support for application platforms such as Microsoft Operations Manager, Microsoft Virtual Server, VMware, Lotus Domino, and Oracle 10g. Now includes Continuous Protection Agent.

Advanced Open File Option

Ensures files on local or remote servers are protected while in use. Helps deliver 100% data integrity and helps ensure 100% complete backups. Now includes Continuous Protection Agent.



Agent for Microsoft SQL Server

Now includes a Continuous Protection Agent, along with a Client Access License for a Remote Agent *for Windows Servers*.

Agent for Microsoft Exchange Server

Now includes a Continuous Protection Agent, along with a Client Access License for a Remote Agent *for Windows Servers*.

Key Continuing Features & Benefits

True Continuous Data Protection

- Data residing on file servers is protected right when data changes
- No need to schedule backups
- Jobs can also be scheduled

Block-Level Protection

- Only the changed data (block level) is captured and protected.
- Reduces the data moving across the network, increasing efficiency

Point-In-Time Snapshots

- Provides previous versions of files
- Leverages VSS snapshots
- Robust snapshot grooming
- Provides greater flexibility in managing and retaining snapshots

Push Deployment

- Simplifies installation for remote offices
- No need for onsite installation

Web-Based End User Recovery

- Enables end users to retrieve their own files – *without* contacting IT
- Reduces requests and improves service levels
- No software to install on client



- Only need a standard web-browser
- Built on Windows security (users only see their own files)
- Users access data from “safe” area
- No data, file, or system risk (e.g. can’t delete files)
- Easy search by file name indexing

Backup Exec-like Admin Console

- New, Improved simple and intuitive interface
- Leverages critically acclaimed Backup Exec Interface

Simultaneous Backups

- Provides multi-streaming
- Multiple files servers can be continuously protected at a one time

System/Server State Backup

- Protects system state information
- Reducing the time/effort with server recovery
- Not a full bare metal recovery solution

Bandwidth Throttling

Allocates the maximum amount bandwidth used for continuous data protection jobs.

Protects Open Files

Protects open files while during continuous protection.

Auto Job Resume

- Automatically resumes continuous protection job when lost connect is restore
- No administrator intervention required

Protects both Windows 2000 and Windows Server 2003

Extends the level of continuous protection across your organization.

Backup Exec SmartLink

Simplifies management by letting you view continuous protection job status and alerts from Backup Exec “Panther” Beta in the Backup Exec console.



System Requirements

For detailed compatibility or requirements information, contact your SYMANTEC sales representative, an authorized reseller or visit support.symantec.com.

Minimum System Requirements

Operating System

- Microsoft Windows 2000 Server family
- Microsoft Windows Server 2003 family
- Microsoft Windows XP Service Pack 1 or later
- Microsoft Windows Storage Server 2003
- Microsoft Small Business Server 2003 Standard and Premium, Microsoft Small Business Server 2000
- Microsoft Small Business Server 2000

Internet Browser

Internet Explorer 6.0 or later

Processor

Intel Pentium, Xeon, or compatible

Memory - Backup Exec Media Server

- Required: 256 MB RAM
- Recommended: 512 MB (or more for better performance)

Memory - Backup Exec CASO Server (may depend on number of media servers being supported)

- Required: 512 MB RAM
- Recommended: 1 GB

Note: RAM requirements may vary depending on operations performed, the options installed, and the specific system configuration.

Virtual Memory Recommendations

20 MB above Windows recommended size for total paging file size (total for all disk volumes)



Disk Space

- 350 MB (Typical Installation)
- 550 MB (includes all options)

Note: Disk space requirements may vary depending on operations performed, the options installed, and the specific system configuration. Backup Exec Database and Catalogs will require additional space

Other Hardware

- Network interface card or a virtual network adapter card
- CD-ROM drive
- Recommended - A mouse
- Optional for pager notification – Modem supported by Microsoft Windows
- Optional for printer notification – Requires a printer supported by Microsoft Windows

Storage Hardware

Backup Exec requires at least one storage media drive and/or single-drive robotic library and the appropriate controller card. Removable storage devices and non-removable hard drives can also be targeted for backups. Refer to the Backup Exec hardware compatibility list <http://support.Symantec.com/rd/bews-compatibility.htm> for a complete list of devices that are supported.

Note: Support for a single robotic library drive is available when you purchase Backup Exec. To enable support for additional robotic library drives, you must purchase Backup Exec Library Expansion Option.

Application Support

Backup Exec Agents and Options support most major applications. Refer to the Backup Exec application compatibility list at <http://support.Symantec.com/rd/bews-compatibility.htm> for a complete application support list.

Maintenance and Support

The following maintenance and support options are available for purchase.

Telephone Support	Basic Support- VS1	Extended Support- VS2
Regional Business Hours (Monday-Friday)	●	●
Extended Hours (24 x 7 x 365)	○	●
Number of Support Incidents	Unlimited	Unlimited
Number Designated Named Callers	2	6
E-Services		
Standard Support Web Site-support@veritas.com	●	●

Basic Support is for small businesses that need consistent, basic support with timely software updates. Customers include small offices and home offices with a limited number of users, running a single server with one or to Symantec products licensed where continuous uptime is not required. No IT activity is likely to take place after regional business hours.

Extended Support is for businesses that have an increased need for uninterrupted availability of their data and require around-the-clock support. These customers are usually single-location, homogeneous environments that run workgroup servers and multiple database together with Symantec products. IT activity during off-hours is limited.

Copyright © 2005 Symantec Corporation. All rights reserved. Symantec, the Symantec logo, Backup Exec, Replication Exec and Storage Exec are trademarks or registered trademarks of Symantec Corporation or its affiliates in the United States and other countries. Other names may be trademarks of their respective owners.

