

VERITAS Backup Exec™ 10 for Windows Servers

AGENTS & OPTIONS

VERITAS Backup Exec™ for Windows Servers is the Gold Standard in Windows data protection providing comprehensive, cost effective, certified protection for Microsoft Windows server environments. A complete family of powerful agents and options deliver robust storage management tools to meet diverse application needs for growing and upgrading storage management capabilities, as well as protecting business critical information on desktops and laptops.

KEY BENEFITS

- Simplified and centralized administration of multiple Backup Exec servers significantly reduces administration time and improves operation efficiency
- Fastest disk-based backup and recovery¹
- High performance data protection of Windows, Linux, UNIX, and Netware servers
- Greater granularity and faster recovery of specific application or file system information
- Scalability to deploy storage solutions as networks and storage needs expand

AGENT AND OPTION GROUPS

Media Server Options

Exercise greater control of storage resources and alternate backup techniques on Backup Exec Media Servers

Remote Client Access Options

Connect and protect remote Microsoft Windows, Novell NetWare servers, Linux and UNIX servers on the network

Online Groupware Agents

Non-disruptive protection for corporate e-mail messaging and knowledgebase applications

Online Database Agents

Protect and recover mission-critical database applications

Disaster Recovery Options

Total recovery of local or remote systems

Storage Options

Used for expanding to larger media storage devices or sharing storage resources over a SAN

MEDIA SERVER OPTIONS

NEW! Central Admin Server Option

Provides simplified, centralized management of multiple Backup Exec media servers. A robust and scalable solution, it enables centrally managed operations, load balancing, fault tolerance, monitoring and reporting for many Backup Exec media servers in a Windows data center, distributed throughout the network, or at remote offices. The Central Admin Server option makes Backup Exec simple to grow and simple to manage.

NEW! Advanced Disk Backup Option

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. Additionally, Synthetic backups allow for quick client restore from a single backup image to reduce the number of tapes and eliminate the need to restore from incremental backups. 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.

ENHANCED! Desktop and Laptop Option

Most businesses rely on users to manually copy business critical data to a server. When users do not comply, the majority of business-critical information residing on employee workstations, desktop and laptop does not get protected. 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. This version also adds Outlook 2003 support, reporting and console access control.

ENHANCED! Advanced Open File Option*

Ensures files on local or remote servers are protected while in use. The VERITAS Backup Exec Advanced Open File Option handles open files at the volume level and is seamlessly integrated into Backup Exec software. There is no need to know which files are open ahead of time; just set a scheduled backup to use this option with a simple mouse click. Additionally, it can backup multiple volumes in one job while creating a snapshot of only one logical volume at a time. After the logical volume is snapped and backed up, the snapshot is deleted before the next logical volume is snapped. This option increases the ability to meet the minimum quiet time needed to complete a snapshot.

Advanced technology also integrates the ability to detect and leverage alternate frozen image technologies such as Microsoft Volume Snapshot Service (VSS) on Windows Servers 2003 or VERITAS Volume Manager FlashSnap™ for increased application availability.

ENHANCED! Open File Option for Remote NetWare Servers

Enhances file protection by helping to ensure that every file is protected even while in use (on a NetWare 4.2, 5.1, 6.0, and 6.5 traditional volume or NetWare 6.X NSS volumes and Windows servers, including Windows Server 2003). This option can handle open files at the volume level and is seamlessly integrated into VERITAS Backup Exec software.

REMOTE CLIENT ACCESS OPTIONS

ENHANCED! Remote Agent Client Access License (CAL) for Linux or UNIX Servers

Provides high performance network-wide data protection for 32 and 64-bit remote Linux and Unix servers. The redesigned agent extends Backup Exec software's advanced agent technology beyond Windows and Netware to meet the need of the emerging business applications on Linux operating systems. This agent provides full or incremental, or differential backup and restore of the following versions:

- Red Hat Advanced Server 2.1
- Red Hat Enterprise Linux AS, ES, WS 3.0
- Red Flag Linux Data Center 4.1
- Red Flag Linux Advanced Server 4.1
- Miracle Linux 3.1
- SuSE Linux Enterprise Server 8.2, 9.0
- Solaris (SPARC) 8,9
- VMware GSX 3.1

ENHANCED! Remote Agent Client Access License (CAL) for Windows or Netware Servers

The Remote Agent for Windows Servers expands network-wide data protection and optimize data transfers for 32 and 64-bit remote Windows servers, including local Registry and System State information. Exclusive Agent Accelerator technology helps maximize backup and recovery performance by providing source-level compression and distributed processing at the client. The result is reduced network traffic and maximized data throughput.

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.

ONLINE GROUPWARE AGENTS

ENHANCED! Agent for Microsoft Exchange Server*

A Fast, flexible technology to protect vital Exchange Server 5.5, 2000 and 2003 data while the application is online. This agent provides full or

incremental, or differential backup and restore of embedded objects, attributes, and all Outlook components. Restore can automatically mount the Exchange database upon completion of a restore job, which ensures a valid database is brought back online quickly. Use of the Single Instance Storage feature eliminates backup of duplicate information by storing only the first instance of attachments distributed to multiple mailboxes.

For Microsoft Windows Exchange 2003 Server support, the mailbox or message level restores from a full traditional backup does not require installation of a separate Exchange 2003 server. When running on Microsoft Windows Server 2003, the Backup Exec Agent for Exchange Server has added support for Microsoft Exchange Server 2003 Volume Snapshot (VSS) technology enabling the user to select either the VERITAS or the Microsoft proprietary frozen image technology for protecting open files. The agent provides the ability to perform consistency check before backup when using Microsoft Volume Shadow Copy Service.

Enhanced! Agent for Microsoft SharePoint Portal Server

Safeguards a SharePoint Portal Server 2001 and 2003 corporate knowledgebase system with online, fast and reliable data protection and recovery. SharePoint Portal Server 2003 introduces Server Farm configurations. These new distributed configurations are fully supported by the enhanced agent. Protected portal components include the Web Storage System, Search Service, Server Configuration files and the Applications folders. Restore options include a full database and dependent data restores or redirection to an alternate SharePoint Portal Server. Restores can be made to the original SPS information store or redirected to another SPS information store without affecting other workspaces.

Agent for Lotus Domino*

Integrates comprehensive data protection of vital Lotus Domino 5.x and 6.x 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. Flexible restore options include database redirection and point-in-time "roll-back" recovery of databases or

transaction logs. Users also benefit from user-controlled recycling of the transaction logs reducing manual intervention and speeding recovery. Together with Backup Exec core software, the Lotus Domino agent performs the required data protection functions vital to the protection of Lotus Domino server data and eliminates the need for separate administration and dedicated backup hardware.

ONLINE DATABASE AGENTS

ENHANCED! Agent for Microsoft SQL Server*

Ensures business-critical databases and e-business data are protected in the event of application or hardware-based corruption or loss. This agent provides SQL Server 7.0 and 2000 users' granular protection on 32 and 64-bit systems down to the individual database or file group. Execute differential backups as well as Transaction Log backups with automatic truncation. Restore with *one-pass recovery* of the last full and any subsequent backup as a single restore job or perform "rollback restores," enabling a database to be recovered to a specific moment in time, rather than a specific restore point based on the last backup job. Microsoft Virtual Device Interface (VDI) support gives users the most dependable and fastest method available for complete SQL Server protection. The agent supports Microsoft Volume Shadow Copy Service (VSS) snapshot technology to create point-in-time, recovery consistent snapshots of SQL Server 2000 on Windows Server 2003. Consistency check can be performed before backup when using Microsoft VSS snapshot provider.

Agent for Oracle on Windows Servers*

Integrates non-disruptive data protection for business-critical Oracle10g, 9i, 8i, and 8.x databases. Use advanced features such as the granular protection of individual table spaces or a complete application/database backup and the protection of archived redo logs and control files, without ever taking them offline.

Agent for SAP R/3*

Provides SAP certified data protection for business-critical SAP applications while the application is still online and in use – *supporting Oracle, MaxDB, and SQL databases*. The Agent for SAP R/3 is a reliable solution that allows Backup Exec software

to provide both local and remote protection of databases running R/3 using the SAP (BC-BRI BACKINT) interface for efficient data management. Backup Exec for Windows Servers is certified with SAP NetWeaver.

include "lights-out" backup and restore operations, 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.

DISASTER RECOVERY OPTIONS

ENHANCED! Intelligent Disaster Recovery Option

Saves recovery time by automating the traditional manual, error prone process. The Intelligent Disaster Recovery Option automates server recovery, reducing the time to recovery and gets you back into business fast. Implement a server recovery solution for both local and remote Windows servers, eliminating the need to first reload the entire operating system of crashed servers. Using either diskette-based, CD-R/CD-RW or bootable tape, the Intelligent Disaster Recovery Option will quickly recover downed servers enabling restores from the last complete backup set including full, differential, incremental, and working set backups. The Intelligent Disaster Recovery Option integrates directly with Microsoft's Automated System Recovery (ASR) functionality in Windows Server 2003 and Windows XP to provide complete disaster recovery on Windows servers. The comprehensive protection is available for remote, LAN-based computers that use Intel 64-bit Itanium processors.

ENHANCED! Intelligent Disaster Recovery Option for Remote NetWare Servers

Delivers the same automated, time-saving server recovery for NetWare servers by providing a simplified "point-in-time" recovery solution for both local and remote NetWare 4.2, 5.1, and 6.0 servers that may have been physically damaged or reconfigured during an upgrade.

SAN Shared Storage Option

This powerful LAN-free backup solution allows multiple distributed backup servers to centralize storage devices that are connected over a switched fabric or iSCSI storage area network (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 helps 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.

*These options include a Remote Agent (CAL) for Windows Servers

STORAGE OPTIONS

Library Expansion Option

Scales the media storage system by leveraging additional drives within multi-drive tape or optical autoloader/library storage systems. This option's Advanced Device and Media Management (ADAMM) technology provides extensive configuration and management capabilities to

BACKUP EXEC SUITE

To meet the evolving demands of today's Windows-based businesses, VERITAS introduces the Backup Exec Suite. Consisting of VERITAS Backup Exec for Windows Servers and all its agents and options, The Backup Exec Suite provides continuous data protection and automated data and server management with VERITAS Replication Exec and Storage Exec respectively.

VERITAS Replication Exec™

Provides continuous data protection for remote offices while reducing costs and minimizing IT workload. Replication Exec is a simple and automated solution that enables administrators to centralize backups, reducing costs by eliminating the need for remote office hardware, media, and administrations. Replication Exec integrates with Backup Exec for centralized data protection management using the new Backup Exec SmartLink technology. This lets you view job status and alerts of VERITAS Replication Exec in the Backup Exec console.

VERITAS Storage Exec™

Helps organizations maximize use of storage resources and reduce backup windows by providing automated data and storage management through real-time quotas, file blocking, and extensive reporting. With Storage Exec, administrators can establish storage quotas for individual users, block inappropriate files (MP3s, games, viruses) and incorporate best storage practices from 27 exclusive reports – helping organizations easily reclaim 30% of their storage resources. Storage Exec also reduces legal exposure by helping ensure that illegal, copy written, non-business critical information is does not end up on business servers.

¹ This was independently verified by Veritest. For complete test results, please visit <http://www.veritest.com/clients/reports/veritas/default.asp>

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