

Symantec Backup Exec™ 3600 Appliance

Power up, configure, and go

Data Sheet: Data Protection



Overview

Symantec Backup Exec™ 3600 Appliance provides backup software and optimized hardware using a single license, integrated into an affordable appliance from the industry leader in backup—Symantec. The Backup Exec 3600 Appliance helps you reduce business downtime with patented technology that recovers critical Microsoft® applications and VMware® or Microsoft Hyper-V® virtual environments in seconds, so you can stay focused on maintaining your systems. Easily protect both physical and virtual environments while reducing storage costs and improving backup performance through integrated deduplication.

Key Features

- Reduces complexity with an all-in-one backup and recovery solution and simplifies data protection with integrated software and hardware from a single vendor.
- Protects and integrates with all key VMware and Hyper-V technologies, including VMware vStorage™ and Volume Shadow Copy Service API's for data protection.
- Minimizes downtime and data loss dramatically by rapidly recovering what you need and when you need it with patented granular recovery technology.
- Includes comprehensive security equipped with Symantec™ Critical System Protection.

- Sends off-site replication to a second Backup Exec 3600 Appliance or managed Backup Exec Media Server.
- Reduces the amount of storage by up to 90 percent (10:1), while optimizing network utilization through integrated data deduplication across physical¹ and virtual² environments.
- Easy to deploy, configure, and manage through a single console to ensure operational simplicity.
- Offers Microsoft certified backup and recovery for the latest Windows® environments, including Windows® 2008 R2, Microsoft® Exchange 2010 SP1, Windows® 7, and Hyper-V.

Key Benefits

All-in-one comprehensive backup and recovery appliance

The Backup Exec 3600 Appliance offers the most comprehensive backup and recovery solution for your environment, reducing the complexity of protecting your company's most valuable asset—its data. Whether that data resides on a Windows file server, VMware or Hyper-V virtual server, or on a critical application server like Microsoft® Exchange, SQL®, or SharePoint®, Backup Exec 3600 Appliance provides full protection and recovery for both data and systems. More than just a backup target device, Backup Exec 3600 Appliance integrates pre-licensed Backup Exec software with optimized hardware, simplifying backup and reducing backup costs.

Flexible backup options

The Backup Exec 3600 Appliance offers full, differential, incremental, and deduplicated backup options across physical and virtual environments with support for a broad

1. Principle Technologies Test Report, "Backup Advantages of the Dell PowerVault DL Backup to Disk Appliance powered by Symantec Backup Exec 2010 R3" (June 2011) http://principledtechnologies.com/clients/reports/Symantec/Virt_BackupExec2010R3_0711.pdf

2. Principle Technologies Test Report, "Virtualized Backup Advantages of the Dell PowerVault DL Backup to Disk Appliance powered by Symantec Backup Exec 2010 R3" (June 2011) http://principledtechnologies.com/clients/reports/Symantec/Virt_BackupExec2010R3_0711.pdf

range of operating systems, platforms, applications, and databases.

Fast, advanced recovery for physical and virtual servers

The Backup Exec 3600 Appliance provides advanced data protection for both virtual and physical environments with a single, easy-to-use solution. Through a single-pass backup, quickly restore an entire server, virtual machine (VM), application, or database. From that same single-pass backup, you can also recover individual files or folders down to granular objects, such as individual mailboxes and emails in seconds through Symantec Backup Exec™ powered by V-Ray Technology. Patented V-Ray embedded into Backup Exec gives you visibility into virtual file systems and applications and allows for transparent backup and recovery across physical and virtual silos. Without V-Ray protecting and recovering your physical and virtual environment, recovery can be complex and time consuming. With V-Ray, it's simple and fast, saving you time and resources. The Backup Exec 3600 Appliance provides the flexibility you need to meet your recovery time objectives for each and every recovery.

Seamless built-in data deduplication

The Backup Exec 3600 Appliance provides both client and server data deduplication in a single, integrated solution. Eliminating redundant backup data, the Backup Exec 3600 Appliance reduces the amount of backup data stored by up to 90 percent while saving management costs and improving network bandwidth. Unlike other solutions used to reduce backup storage hardware costs, Backup Exec 3600 Appliance deduplicates data across backup jobs, so you realize greater storage efficiencies. In addition, Backup Exec 3600 Appliance provides advanced data deduplication for VMware, known as variable length segmenting, resulting in a smaller storage footprint for backup data and overall efficiency.

Symantec™ Critical System Protection

Only the Backup Exec 3600 Appliance is equipped with Critical System Protection. Using non-signature based Host

Intrusion Prevention, Critical System Protection proactively protects against zero day attacks and malicious insider threats. It also ensures host integrity and compliance using Host Intrusion Detection based system monitoring, notification, and auditing.

Recently put to the test at the Black Hat® Technical Security Conference, a server protected with Critical System Protection proved impermeable. Learn more at:

<https://www-secure.symantec.com/connect/blogs/unhacked-black-hat-symantec-critical-system-protection>

Centralized management and reporting

Centrally manage the Backup Exec 3600 Appliance from any location, whether at the data center, head office, or a remote location through a single console. The Backup Exec 3600 Appliance delivers an easy-to-use interface and calendar view to quickly track, monitor, and manage backup and recovery jobs. Day-to-day monitoring of backup operations also requires minimal administrator intervention allowing for lower setup and operational costs.

Backup Exec 3600 Appliance will identify potential problems that cause job failures and then notify the administrator so that corrective action can be taken. All of these tools reduce the time and resources needed to manage the Backup Exec 3600 Appliance, while improving overall backup performance.

Proven, reliable, and easy-to-use

The Backup Exec 3600 Appliance is the only solution available combining Backup Exec with optimized hardware and a single point of contact for technical support. Pre-installed with all necessary hardware and software components, the Backup Exec 3600 Appliance can be set up within minutes. It's also easy to maintain, allowing for lower setup and operational costs. More than just disk storage, the Backup Exec 3600 Appliance protects a broad range of operating systems and platforms, plus deep application and database support for faster backups and restorations.

Backup Exec Agents and Options

The Backup Exec 3600 Appliance comes standard with a wide variety of Backup Exec Agents and Options, including data deduplication and VM protection, at no additional charge. Deploy an unlimited number of included agents and options to protect 5.5 TB of native storage yielding up to 40 TB deduplicated backup capacity. Optionally, add supported agents and options at an additional charge to customize your Backup Exec 3600 Appliance.

Included Licenses	Optional Licenses	Licenses Not Supported
Symantec Backup Exec™ 2010 R3	Desktop and Laptop Option	Library Expansion Option
Deduplication Option	Central Admin Server Option	File System Archiving Option
Agent for VMware® Virtual Infrastructures	Network Data Management Protection Option	Exchange Archiving Option
Agent for Microsoft Hyper-V®	Advanced Disk-Based Option	SAN Shared Storage Option
Agent for Windows® Systems	Agent for Symantec Enterprise Vault™	NetWare® Open File Option
Agent for Microsoft® Exchange	Agent for SAP® Applications	Virtual Tape Library Option
Agent for Microsoft Active Directory®	Agent for IBM® DB2®	Backup Exec Infrastructure Manager
Agent for Microsoft SharePoint®	Remote Media Agent for Linux®	
Agent for Microsoft SQL®	Remote Agent for Novell® NetWare®	
Agent for Oracle®		
Agent for IBM® Domino®		
Remote Agent for Linux® Systems		
Remote Agent for Mac® Systems		

Technical Specifications

Component type	Specification
Operating system	Windows® Storage Server 2008 R2 x64

Component type	Specification
Security	OS hardened at factory with Critical System Protection
Motherboard/chassis	<ul style="list-style-type: none"> Intel® S3420GPRX 1U chassis: SR1695 (Full Depth)
Processor	Single Intel® Xeon X3430, Quad Core, Intel® 3420 chipset
Memory	16GB installed
Expansion	One (1) PCI-E 2.0 x 16 (x8 Throughput) connector
IO devices	<ul style="list-style-type: none"> 5x Gigabit Ethernet ports (1 production, 1 admin, 1 RMM, 2 blocked) 1x Serial port 4x USB 2.0 ports 6x SATA ports Integrated RAID module with LSI 1078 3Gbps SAS Controller
Drive bays	<ul style="list-style-type: none"> 4x hot-swappable 3.5" SAS HDDs 2x 2.5" SSD drives for OS/Application
Storage capacity	<ul style="list-style-type: none"> 2 X 40GB 2.5" SSD Disks for OS (RAID 1) 4 X 2TB hot-swappable 3.5" HDD (RAID 5) - 5.5 TB usable capacity
Power supply	Two redundant 400W AC power supplies
System cooling	Two blower fans and one rotating fan

For a complete list of system requirements, platform, and application support, please visit: www.backupexec.com/3600compatibility

Technical support services and warranty

No matter the size of your company, a service interruption can cause disruption and significant loss to your business. Symantec's technical support team is one of the finest support organizations in the industry and provides 24 hours a day, seven days a week technical support. With Symantec's essential one or three year support package you can rest assured that you're in safe hands by putting Symantec's technical expertise to work. In addition, the Backup Exec 3600 Appliance comes with a one or three year advance replacement hardware warranty.

More Information

Visit our website and follow us on Twitter

- www.backuexec.com
- Follow us on Twitter at @backuexec

To speak with a Product Specialist in the U.S.

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our website.

About Symantec

Symantec is a global leader in providing security, storage, and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored. Headquartered in Mountain View, Calif., Symantec has operations in 40 countries. More information is available at www.symantec.com.

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