

Symantec Backup Exec™ 2012 V-Ray Edition

The gold standard in virtual machine backup and recovery

Data Sheet: Backup and Disaster Recovery

Overview

Symantec Backup Exec™ 2012 V-Ray Edition is designed and built for fully or primarily virtualized environments—that is, the majority of file servers, print servers, application servers, etc.—are moved into a VMware® or Microsoft Hyper-V® virtual environment. With across-the-board, host-level protection for VMware ESX® and vSphere™ and Hyper-V, the Backup Exec 2012 V-Ray Edition is the only backup and recovery solution you need to protect fully or primarily virtualized environments.

With support for Windows® and Linux® virtual machines, included advanced integrated deduplication, and virtualized application protection, the Backup Exec 2012 V-Ray Edition provides power, simplicity, and ease of use that demanding IT administrators require. And because the V-Ray Edition is licensed per hypervisor socket, it's easy to purchase and deploy in your environment.

Reduce business downtime with unparalleled recovery, powered by Symantec™ V-Ray technology, that restores entire virtual guests and critical virtualized Microsoft applications, across both VMware and Hyper-V in minutes. Simultaneously reduce storage costs and increase backup speed with environment-wide deduplication.

Backup Exec delivers centralized management to easily extend your backup infrastructure across distributed environments and remote offices so virtual server protection is easily managed as your business grows. With a sleek and streamlined administration console, the Backup Exec 2012 V-Ray Edition makes it easier than ever to efficiently manage backup and recovery operations across your physical and virtual infrastructure. Backup Exec efficiently delivers advanced backup and recovery capabilities across both simple and complex IT environments.

Key benefits

Unmatched virtual backup and recovery

- Protect your virtual infrastructure with VMware and Hyper-V backup and recovery from the experts in virtual machine backup. Host-level backup, powered by V-Ray and integrated with VMware Data Protection application programming interfaces (APIs) and Microsoft Volume Shadow Copy Service (VSS), enables host-level backup of entire virtual guests and recovery at the virtual machine, virtual disk, application, file, folder, and granular application data level.
- Protect your virtualized applications—backup and recover granular data from virtualized Microsoft® Exchange, SharePoint®, Active Directory®, and SQL Server®. Other virtualized applications, like Oracle®, can also be protected.
- Includes Microsoft-certified backup and recovery for the latest virtualized Windows environments and applications, as well as Windows 2012, Exchange 2013, and SharePoint 2013.
- Receive comprehensive disk and tape backup, including the ability to completely protect and restore the Backup Exec server managing your virtual backups.
- Ensure your virtual machine backups are recoverable with the Virtual Machine Validator that enables VMware and Backup Exec 2012 administrators to easily validate the recoverability of full virtual machine backups via the vSphere client console.
- Backup Exec can enable high availability for virtual applications with Virtual Machine Auto-Recovery for VMware. It adds integration of the Backup Exec Management Plug-in 2.0 for VMware with Symantec™ ApplicationHA, which enables Backup Exec to automatically restore a failed virtual machine in order to recover lost application services once ApplicationHA has exhausted the steps to remediate the failure.

One product, any recovery

- With single-pass, host-level backups, Backup Exec gives administrators a wealth of recovery options from that single, host-level backup. Administrators can recover at the virtual machine, virtual disk, application, file/folder, and granular object level.
- Granular recovery for virtualized applications eliminates redundant backups for Exchange, Active Directory, SharePoint, and SQL Servers in virtual environments. From a single, host-level backup of VMware or Hyper-V guest application servers, administrators can restore individual emails, SharePoint documents, Active Directory objects, and SQL Server databases. With Backup Exec 2012, there is no need for recovery environments, additional virtual machines, or other additional resources to recover granular data.
- Protection for physical environments can be added to the Backup Exec 2012 V-Ray Edition, giving you backup and recovery across your entire environment.

Deduplication everywhere

- Reduce storage by up to 90 percent with deduplication, lowering storage costs associated with your backup infrastructure. Shrink your backup storage requirements while making wide area network (WAN) friendly remote office backup a reality. Deduplicate across all data—virtual hard disks (VHDs), virtual machine disks (VMDKs), and virtualized application data—protected by Backup Exec 2012 V-Ray Edition, not just on a per-job basis. Additionally, deduplication offers significantly greater levels of storage savings versus compression or single-instance storage.
- Included block optimization technologies—white space removal and similar technologies—ensure you are protecting only what needs protecting, not backing up empty space in VMDKs or VHDs.

Victory over complexity

- Per-socket licensing makes it simple to purchase and install Backup Exec 2012 V-Ray Edition. When you purchase the Backup Exec 2012 V-Ray Edition, you get the ability to protect supported virtualized applications, deduplicate your data with integrated deduplication, and the ability to do host-level, single-pass backups of unlimited guests running in either VMware or Hyper-V virtualization systems.
- Includes intelligent defaults for backup and recovery. The Backup Exec 2012 V-Ray Edition automatically configures backup and restore operations with intelligent defaults, drawn from both the Symantec expertise in data protection and from the most successful policies and settings from the Backup Exec community. These defaults take the guesswork out of comprehensive protection, so you can quickly protect your data and applications with minimal effort.
- Power and simplicity combined, Backup Exec 2012 V-Ray Edition has streamlined many aspects of backup and restore configuration, management, and reporting. The same award-winning capabilities and level of in-depth functionality that backup administrators expect from Backup Exec are still available in the product. The new administration console just makes it easier and faster to manage your backup and recovery infrastructure than ever before.

Comprehensive backup and recovery

Designed to meet the needs of today's virtual environments, Backup Exec 2012 V-Ray Edition delivers disk and tape data protection for VMware and Hyper-V environments. Sophisticated application and database protection is also included, with support for Exchange, SharePoint, SQL Server, Active Directory, Oracle, and others. Backup Exec 2012 V-Ray Edition provides integrated deduplication—which helps to reduce backup storage consumption, facilitates remote office/branch office protection, and enables data center replication to disaster recovery sites. Powerful encryption, with 128-bit or 256-bit

Advanced Encryption Standard (AES) encryption to disk or tape-based storage devices, ensures your critical data is secure whether in transit or at rest.

Powered by V-Ray, the Backup Exec 2012 V-Ray Edition offers unparalleled capabilities for virtual backup and recovery. V-Ray is a group of Symantec technologies that gives additional visibility into virtual machines and applications. This additional insight helps to break down physical and virtual silos which enables transparent backup and recovery across your entire environment, with a single application. This unified protection allows you to more confidently secure, protect, run, and recover business-critical systems as well as reduce complexity and costs that can result by having multiple point solutions.

Support services

No matter the size of your company, a service interruption can mean significant loss to your business. Fortunately, the Symantec technical support team is here to help. Symantec Essential technical support package provides 24 hours a day, seven days a week expert problem resolution. With the Symantec Essential support package, you can be assured that you're in safe hands:

- Free product upgrades during the life of your support contract—reassurance of knowing your Backup Exec products are up to date with the latest updates and version releases
- Technical support—24 hours a day, seven days a week expert problem resolutions through the Symantec global support and delivery team

Backup Exec Agents and Options

Licensed per socket, the Backup Exec 2012 V-Ray Edition provides scalable, easy-to-manage backup and recovery for virtual environments. Easily expand any Backup Exec 2012 V-Ray Edition environment to support physical servers, applications, and storage configurations with Backup Exec Agents and Options.

Included Backup Exec Agents and Options

- Backup Exec Media Server License
- Deduplication Option
- Agent for VMware and Hyper-V (unlimited)
- Agent for Applications and Databases (unlimited)

Optional Backup Exec Agents and Options

- Agent for Applications and Databases
- Agent for Windows
- Agent for Linux
- Agent for Mac®
- Remote Media Agent for Linux
- Enterprise Server Option
- File System Archiving Option
- Exchange Mailbox Archiving Option
- Library Expansion Option
- NDMP Option
- Virtual Tape Library Unlimited Drive Option

For more information on Backup Exec 2012 Agents and Options, please visit: <http://www.backupexec.com/>.

System requirements

For a complete list of system requirements and supported devices, please refer to the Backup Exec 2012 hardware and software compatibility list:

www.backupexec.com/compatibility

More Information

Visit our website

www.backupexec.com

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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