Symantec Backup Exec™ 2014

Powerful, flexible, and easy-to-use backup and recovery built for virtual and physical environments

Data Sheet: Backup and Disaster Recovery

Overview

Symantec Backup Exec™ 2014 delivers powerful, flexible, and easy-to-use backup and recovery to protect your entire infrastructure whether built upon virtual, physical, or a combination of both. Using modern technology, Backup Exec backs up local and remote data to virtually any storage device including tape, disk and cloud. Recovery is fast and efficient. With a few simple clicks, you can quickly search and restore granular file or application objects, applications, VMs, and servers directly from backup storage. Additionally, easily protect more data while reducing storage costs through integrated deduplication and archiving technology. Backup Exec saves time and money and helps protect and recover your critical information in the event of a disaster or data loss.

Powerful: Radically faster backup and recovery with innovative virtualization capabilities

Super charge the performance of your backup with Backup Exec 2014. Get fast and reliable backups that are up to 100% faster[1] than the prior version, including backups of VMware and Hyper-V virtual machines and backups that leverage deduplication technology.

Backup Exec's integration with Microsoft® Volume Shadow Copy Service (VSS) and VMware's vStorage APIs for Data Protection (VADP) provides fast virtual machine snapshots for all your virtual machines. By executing post-processing tasks, such as log truncation, collection of meta data, and searchable catalogs, Backup Exec delivers highly optimized backup and fast, agile recovery.

With the explosion of data and virtual machines, your organization likely has volumes of duplicate data. Backup Exec's integrated block level data deduplication technology minimizes backup windows, decreases network traffic, and reduces the disk space required for storing backup files. Unlike other solutions that deduplicate data on a per backup job basis, Backup Exec deduplicates data across all backup jobs, including physical and virtual environments. The result is more efficient deduplication and a greater reduction in storage.

"So how would ESG Lab rate Backup Exec 2014 in terms of virtual machine backup best practices? Our testing indicates that Symantec has hit every best practice in the center of the target. Bullseye." *Vinny Choinski, Senior Lab Analyst, and Kerry Dolan, Lab Analyst, ESG.*

"Our backups complete with near 100% reliability and restores are consistently successful with zero fuss. It just works." *Brandon Mosak, IT Director, Task Force Tips Inc.*

"I've used other backup solutions in a virtualized environment with varying degrees of success. But for me, the ability to back up a virtual machine image as well as the files inside it—or restore an entire virtualized application or the granular data in it, whether it's Exchange, SharePoint or SQL—that's what makes Backup Exec 2014 far more compelling than its competitors." *Paul Flatt, Infrastructure & Support Manager, Mitre 10 (NZ) Limited.*

"Backup Exec is the backup and recovery gold standard." *Terry Green, IT Manager, AutoChair.*

[1]. Backup Exec 2014 Backup Performance, Symantec Testing, January 2014.

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Flexible: A single solution for virtual and physical with fast, efficient, versatile recovery

Recovery is all about being able to restore exactly what you need, when you need it - quickly and easily. But not all backup solutions support both flexible backup and agile recovery. Backup Exec protects mixed virtual and physical architectures and backs up to virtually any storage device including disk, tape and cloud while providing fast, efficient, versatile recovery.

Recovery of any object, whether an entire virtual machine, physical server or a granular application object, is simple and fast. Backup Exec intelligently indexes and catalogs backup data so you don't waste valuable time and disk space mounting the backup job, determining what's inside, and searching for specific data. With deep visibility into the data structure and type, Backup Exec quickly and efficiently restores data at any level directly from storage. This advanced capability simplifies and speeds up recovery when you need it most. In just a few simple clicks, you can recover physical servers, virtual machines, applications, databases, files, folders, and granular application objects from Exchange, Active Directory, SQL Server, and SharePoint. Backup Exec also includes Simplified Disaster Recovery (SDR) technology, helping minimize downtime and business disruption. In the event of a disaster, Backup Exec can recover an entire server from a bare metal state to the same or dissimilar hardware in minutes – not hours or days. Additionally, Backup Exec can convert physical backups to virtual machines (P2V) for instant recovery.

Easy to Use: A user interface that simplifies backup & recovery

There's no need to wrestle with traditional, complex or niche solutions that are inefficient and time consuming. Backup Exec takes a different approach with intuitive wizards and insightful dashboards to quickly track and monitor every backup and recovery job. From a single console you can set backup jobs, view backup status, perform recoveries, and instantly convert physical backups to virtual machines.

When setting backup jobs, Backup Exec's stages technology saves time and simplifies the implementation of backup protection. Use stages to create single backup jobs that support multiple processes such as sophisticated disk-to-disk-to-tape backups (D2D2T), replicating data from remote offices to data centers, migrating backup data from expensive primary disk storage to cheaper secondary disk storage, and more. Backup jobs can also be configured to automatically discover and protect new or unprotected resources that haven't been backed up.

Backup Exec's centralized administration console delivers scalable management of distributed Backup Exec servers and reduces the time and resources needed to manage your backup operations. Overall, Backup Exec easily supports your growing infrastructure.

Key Features and Benefits

- Single solution for virtual and physical environments simplifies backup and reduces cost and complexity associated with multiple point products.

- Fast virtual machine snapshots through deep integration with Microsoft® Volume Shadow Copy Service (VSS) and VMware's vStorage APIs for Data Protection (VADP) minimizes CPU, memory, and I/O load performance impacts on the virtual host.

- Protect more data while minimizing the disk space required for storing backup files with integrated deduplication, change block tracking and archiving technology.

- Backup to virtually any storage device including disk, tape and cloud.

- Fast, efficient, and versatile recovery easily restores virtual machines, servers, applications, databases, file/folders and granular objects in seconds.

- Minimize downtime and disruption with integrated bare-metal, physical to virtual (P2V) and virtual to physical (V2P) recovery.

Support Services

No matter the size of your company, a service interruption can mean significant loss to your business. Fortunately, Symantec's technical support team[2] is here to help. Symantec Essential technical support is included with your Backup Exec 2014 purchase and provides 24 hours a day, seven days a week expert problem resolution. In addition, while your support contract is active, you can upgrade your appropriate Backup Exec licenses to newer versions as they become available completely free of charge.

System Requirements

For a complete list of system requirements and supported devices, please refer to the Backup Exec 2014 hardware and software compatibility list: www.backupexec.com/compatibility

Available Editions, Agents, and Options

Backup Exec Editions

Backup Exec is available as on-premise software with three licensing options—per TB, per socket, per module—or an all-inone, award winning integrated hardware appliance inclusive of Backup Exec software licensing.

- Symantec Backup Exec™ 2014 (per module - media server, agent and option)
- Symantec Backup Exec™ 2014 V-Ray Edition (per occupied socket)
- Symantec Backup Exec™ 2014 Capacity Edition (per front-end TB)
- Symantec Backup Exec™ 3600 Series Appliance (per appliance)
- Symantec Backup Exec™ 2014 Small Business Edition (per server/virtual machine)

Backup Exec 2014 Agents and Options

Backup Exec 2014 provides scalable, easy-to-manage backup and recovery for virtual and physical environments. Easily expand any Backup Exec 2014 environment to support critical applications, databases, and storage configurations with Backup Exec Agents and Options.

Agents	Options
• Agent for VMware and Hyper- • Agent for Applications and Databases • Agent for Windows • Agent for Linux • Agent for Mac • Remote Media Agent for Linux	• Deduplication Option • Enterprise Server Option • File System Archiving Option • Exchange Mailbox Archiving Option • Library Expansion Option • NDMP Option • Virtual Tape Library Unlimited Drive Option

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[2.] The primary language offered by Symantec Technical Support is English and our worldwide support centers are structured to provide local language support, subject to available resources.

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