

Backup Exec™ 15



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

Overview

Backup Exec™ 15 delivers powerful, flexible, and easy-to-use backup and recovery that is designed for your entire infrastructure regardless of platform: virtual, physical or cloud. With Backup Exec, you get fast, reliable backup and recovery of data and systems at every level and advanced integration with the most recent releases of VMware® vSphere® and Microsoft® Hyper-V. In a matter of minutes, you can recover anything including VMs, applications, databases, files, folders, and singular application objects. Protect one to thousands of virtual machines and servers all from the same user console for optimal performance and efficiency. Backup Exec saves time, money and helps ensure your critical information is always protected and easily recoverable.

Powerful

When you can solve more problems, with less complexity, you have a simple yet powerful solution to meet your every need. Backup Exec can help you meet backup windows, reduce data protection costs, secure confidential data, optimize your existing storage, and eliminate outdated and siloed backup and recovery complexity.

- **Fast and reliable backup and recovery**—Backup Exec enables you to meet your recovery time and recovery point objectives by significantly reducing the time it takes to backup and recover your data. With Backup Exec you can mitigate the risk and cost of downtime by using a wide variety of flexible backup and recovery methods. Whether you are using disk, tape, or cloud your data is protected and easily recoverable.
- **Advanced integration with VMware and Hyper-V**—Backup Exec offers complete protection for your virtual environment and Software-Defined Data Center including new Software-Defined Storage features like VMware® Virtual SAN (5.5 and 6.0) and Virtual Volumes. Recover what you need, when and where you need it. In addition, you can easily create stand-by virtual copies of your physical systems for disaster recovery

in minutes or for general P2V migrations. Backup Exec also addresses VM sprawl by automatically identifying and protecting new VMs as they appear so you can be assured your VMs are protected from day one.

- **Save more, store less**—Flexible global deduplication in Backup Exec helps you solve for growing data challenges, regardless of how much your data changes. It minimizes backup windows, decreases network traffic, and reduces the disk space required for storing backup data. Backup Exec deduplicates across all your virtual and physical backup jobs, eliminating the need for purchasing multiple solutions and managing separate storage silos.

Key Features and Benefits

- Single solution for virtual, physical and cloud 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 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 global deduplication and change block tracking.
- 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.

Flexible

Not every backup solution has the flexibility to protect your environment while also delivering agile recovery. Backup Exec protects both virtual and physical architectures and can backup anything to virtually any storage device and can restore anywhere. From VMs, to entire servers, applications, single files and folders or granular application objects, Backup Exec is the single solution for all of your needs.

- **Virtual and physical data protection in a single solution**—Lowering costs and simplifying backup tasks starts with deploying a single solution that is designed for your entire infrastructure regardless of platform: virtual, physical, or cloud. Deeply integrated with VMware, Microsoft and Linux platforms, Backup Exec can protect one to thousands of servers and virtual machines all from the same user console, providing optimal performance and efficiency. Scalability is an important consideration in backup and recovery, and Backup Exec will support you as your organization grows.
- **Hybrid architectures to disk, tape, and cloud**—Backup Exec provides the flexibility to protect VMware, Hyper-V, or other virtualization platforms, in addition to Microsoft and Linux-based physical machines, whether local or remote. When it comes to storing critical data, Backup Exec has flexible options so you can backup to virtually any storage device including disk, tape, hosted storage, or public cloud such as the Amazon Web Service (AWS) Gateway VTL.
- **Fast, efficient, and versatile recovery**—Backup Exec provides fast, agile recovery with the ability to recover data at any level, “from anywhere, to anywhere” with a single pass backup. Backup Exec doesn’t require multiple backup passes to achieve different levels of restore granularity. In a few simple clicks, you can recover anything from virtual machines and physical servers. This includes entire applications and individual objects, files, folders, and granular application items from Microsoft® Exchange, Active Directory®, SQL Server®, and SharePoint®. Backup Exec intelligently indexes and catalogs backup data so you don’t waste valuable time and disk space mounting backup jobs, determining what’s inside, and searching for specific data. Backup Exec efficiently restores data directly from the backup, which simplifies and speeds up recovery when you need it most. Backup Exec also provides built-in disaster recovery (DR) for physical and virtual systems to help minimize downtime, mitigate risk and eliminate business disruption. In the event of a disaster,

Backup Exec can recover an entire server from a bare metal state to the same hardware or dissimilar hardware in minutes, not hours or days. It can also convert your physical servers or their backups into virtual machines. The result of this conversion is a fully recoverable backup set and a completely functional virtual machine for immediate use.

Easy to Use

Complex backup and recovery products can be inefficient, time consuming, and expensive to manage. Through intuitive wizards and insightful dashboards, Backup Exec is easy to implement, use and manage, whether you are upgrading from a previous version or switching from a competitive product.

- **Easy to manage**—Quickly track and monitor every backup and recovery job through an easy to use interface with intuitive dashboards and wizards. In a few simple clicks, you can set backup jobs, view backup status, and perform quick recoveries. Rather than using complex policies, save time and simplify the implementation of backup protection with a visual workflow that lets you replicate data on-premise, off-site or to the cloud. In addition, the centralized administration console in Backup Exec delivers scalable management of distributed sites and reduces the time and resources needed to manage your backup operations.
- **Superior visibility**—Backup Exec gives you visibility into your entire backup and recovery infrastructure so that you can take action when needed. Easily perform a granular search of backed up data including mailbox data by subject, Microsoft SQL databases by name, or SharePoint data by document name. Configure Backup Exec to intelligently browse the network and discover servers, VMs and application data at risk.
- **Flexible licensing**—Backup Exec 15 is a cost effective backup and recovery solution that’s easy to acquire, license, and deploy. Flexible licensing options for on-premise software include per TB, per socket or per module (agents and options). With Backup Exec you benefit from the ability to choose the right licensing model for your environment—all at affordable prices.

Support Services

No matter the size of your company, a service interruption can result in a significant loss to your business. Fortunately, the Veritas technical support team is here to help. The Veritas Essential technical Support is included with your Backup Exec 15 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 15 hardware and software compatibility list: 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.

- Backup Exec 15 Capacity Edition Lite (per front-end TB)
- Backup Exec 15 Capacity Edition (per front-end TB)
- Backup Exec 15 V-Ray Edition (per occupied socket)
- Backup Exec 15 (per module - media server, agent and option)

Backup Exec 15 Agents and Options

Backup Exec 15 provides scalable, easy-to-manage backup and recovery for virtual and physical environments. Backup Exec Agents and Options expand the features and functionality of Backup Exec 15 to support critical applications, databases, storage configurations and much more.

- Backup Exec Capacity Edition Lite includes Agent for Applications and Databases, Agent for VMware and Hyper-V, Agent for Windows and Agent for Linux
- Backup Exec Capacity Edition includes all Backup Exec Agents and Options
- Backup Exec V-Ray Edition includes Agent for Applications and Databases, Agent for VMware and Hyper-V and Deduplication Option (additional Agents and Options can be added and licensed as required)
- Backup Exec - Backup Exec Agents and Options are licensed individually

Agents

- Agent for Applications and Databases
- Agent for VMware and Hyper-V
- Agent for Windows®
- Agent for Linux
- Agent for Mac®
- Remote Media Agent for Linux

Options

- Agent for Applications and Databases
- Deduplication Option
- Enterprise Server Option
- Library Expansion Option
- NDMP Option
- Virtual Tape Library Unlimited Drive Option

Testimonials

“So how would ESG Lab rate Backup Exec in terms of virtual machine backup best practices? Our testing indicates that Backup Exec has hit every best practice in the center of the target Bullseye.”

— **Vinny Choinski**, Senior Lab Analyst
and **Kerry Dolan**, Lab Analyst, ESG

“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 far more compelling than its competitors.”

— **Paul Flatt**, Infrastructure & Support Manager
Mitre 10 (NZ) Limited

“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.

“Nothing else on the market comes close for performance and usability.”

— **Terry Green**, IT Manager
AutoChair

More Information

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www.backupexec.com/trybe

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