Veritas Backup Exec™ 16

Feature Comparison Matrix

Veritas Backup Exec™ 16 delivers a market-leading backup and recovery solution for virtual, physical and cloud environments. With Backup Exec 16, you can save time, get faster backups and recoveries, and reduce costs. Take a closer look at the new key features and innovations introduced in Backup Exec 16 and previous versions of Backup Exec outlined in the table below.

	Backup Exec Version				
Key Features	16	15	2014	2012	2010
Support for Windows Server 2016, Hyper-V 2016	●				
Support for Azure object storage targets (all regions, all tiers)	●				
Support for VMware vSphere® 6.5	●				
Instant Recovery for Hyper-V 2016 virtual machines	●				
Veritas branding-Backup Exec now carries the Veritas logo and branding for a more crisp look and feel within the interface	●				
Instant Recovery for VMware vSphere and Microsoft Hyper-V	●	●			
Instant GRT for VMware vSphere and Microsoft Hyper-V-by eliminating the need to catalog protected data as part of the backup job, Backup Exec can reduce time-to-backup by as much as half allowing backups to take place more frequently throughout the day	●	●			
S3 Private Cloud Connector-Administrators can now use any hybrid cloud storage that works natively with the Amazon S3 API without the need for additional Backup Exec licenses	●	●			
Cloudian HyperStore Support-Introduction of an S3 connector that works seamlessly with storage appliances built with Cloudian HyperStore allowing Backup Exec to record all metadata of information sent to and stored on the Cloudian HyperStore	●	●			
Support for Virtual Volumes, EVO: rail & vSAN 6-VMware converged and virtual storage technologies supported at time of VMware release	●	●			
Granular recovery from 2TB+ Disks & GPT Partitions-Enables recovery of individual application items from virtual disks greater than 2TB and those configured using GPT Partitions	●	●			
Capacity Edition Lite—Lower priced capacity-based licensing meter focused on core Microsoft and VMware technologies and inclusive of cloud connector support	●	●			
64-bit-only Media server support—End of support for Backup Exec Server installation on 32-bit server hardware	●	●			
Seamless migration from 2010, 2012, 2014 and 15 —Backup Exec maintains older version job policies and automatically converts your database, so you can enjoy a seamless, worry-free upgrade	●	●			
Granular recovery for Microsoft® Exchange and SharePoint®—Backup Exec extends its market-leading patented granular recovery technology to supported Exchange and SharePoint versions.	●	●	●		
Support for Amazon Web services storage Gateway and private S3 targets—Backup Exec continues to expand its cloud capabilities, allowing customers flexible cloud options as an alternative or additional	●	●	●		
Multi-server job model—Save time and simplify the creation of backup jobs by backing up and managing multiple servers with a single backup job.	●	●	●		
Job Monitor—Backup Exec introduces an easy-to-use interface featuring intelligent dashboards and intuitive wizards that provide the visibility you need to monitor every backup and recovery job in a single view.	●	●	●		
Virtual Machine Migrator (P2V and B2V)—Convert backups to virtual machines for instant recovery so that you can get that server back up and running in a VMware® or Microsoft® Hyper-V environment quickly and easily.	●	●	●	●	
One product, any recovery—Easily recover an entire server, virtual machine, application, database, file/folder, and granular objects from anywhere to anywhere.	●	●	●	●	
Bare metal and dissimilar hardware recovery—Recover an entire server to the same or entirely different hardware in minutes, not hours, days, or weeks.	●	●	●	●	
Guided restore wizard—Backup Exec simplifies recovery by guiding you through a process that is designed specifically for the type of data that you want to restore.	●	●	●	●	

New storage handling—Easily configure all types of storage, including disk, deduplication, network, and cloud storage, as well as storage pools. Backup Exec also provides storage trending and capacity monitoring and reporting.	■	■	■	■	
Enhanced search for restore—Perform a search of backed-up data with more granular detail including mailbox data by subject, Microsoft SQL® databases by name, SharePoint data by document name, etc.	■	■	■	■	
Discover data that's not backed up—Configure Backup Exec to browse the network and discover servers and application data that have not been backed up to help ensure critical data is always protected.	■	■	■	■	
V-ray visibility—V-Ray goes beyond traditional virtual backup solutions with x-ray like visibility into VMware and Hyper-V systems for superior data protection.	■	■	■	■	■
Granular recovery for SQL, Exchange, SharePoint, and Active Directory® in virtual environments— Recover granular SQL, Exchange, SharePoint, and Active Directory objects from a single-pass backup in VMware or Hyper-V virtual environments.	■	■	■	■	■
VMware recovery validation—Easily validate the recoverability of every full virtual machine backup via the VMware vCenter™ or vSphere client console.	■	■	■	■	■
Security layer—Advanced network security and authentication during communication between the Backup Exec server and remote agent computers over Wide Area Networks (WANs) and Local Area Networks (LANs).	■	■	■	■	■
Backup Exec management plug-in for VMware—Monitor Backup Exec from within vCenter.	■	■	■	■	■
Unlimited virtual machine protection per host—Protect an unlimited number of guest machines per host.	■	■	■	■	■
Unified backup and archiving for Exchange and file systems—Uniquely archives data from the backup copy reducing redundant data thus reducing storage space.	■	■	■	■	■
Integrated and customizable data deduplication—Reduces data backup storage while optimizing network utilization and backup windows with client/source, target/media server, and appliance deduplication of data on physical or virtual machines.	■	■	■	■	■
Patented granular recovery for SQL—Easily recover individual SQL databases and tables from a single-pass backup in seconds.	■	■	■	■	■
Unified backup for physical and virtual—A single-pass backup protects your entire environment, both physical and virtual, from a single management console.	■	■	■	■	■
Enhanced granular recovery for SharePoint—Expanded granular recovery for SharePoint restores documents, sites, sub-site, lists, libraries, calendar items, wiki discussions, and more from a single-pass backup.	■	■	■	■	■
Protection of heterogeneous server environments—High-performance agents provides protection for Linux®, Oracle®, Mac®, plus new direct attached storage support for Linux server environments.	■	■	■	■	■
Enhanced protection for NDMP-enabled network attached storage (Nas) devices—Protects NDMP configurations attached directly to storage area networks.	■	■	■	■	■
Full application protection of Veritas Enterprise Vault™—Including directory databases, partitions, or vault stores, and indexes.	■	■	■	■	■
T10 encryption—Support for LTO tape drives which utilize T10 encryption.	■	■	■	■	■
Patented granular recovery for active Directory—Restore object-level Active Directory elements including individual user accounts, organizational units, and individual attributes without rebooting a domain controller.	■	■	■	■	■
AES OpenSSL (128- and 256-bit)—FIPS-140-2 certified in-flight and at rest encryption.	■	■	■	■	■
Veritas™ LiveUpdate— instant notifications and easy deployment of product patches and updates.	■	■	■	■	■
Customized reporting—Customizable reports for all Backup Exec activity.	■	■	■	■	■
Centralized management—Easily manage multiple servers and Backup Exec media servers from a single console.	■	■	■	■	■
Backup catalog and security properties—Backup Exec backs up catalog and security properties simultaneously during the backup job.	■	■	■	■	■
Storage attached Network (SAN) support—Support for high-speed LAN free backup and shared SAN tape libraries.	■	■	■	■	■
Backup to tape and disk storage devices—Backup Exec now supports disk storage devices as well as tape.	■	■	■	■	■

VERITAS™

Backup Exec Version

To learn more and to download Backup Exec 16 free for 60 days, visit www.backupexec.com/trybe. Alternatively, contact your Veritas account representative for detailed information. For a list of supported operating systems, applications, and databases, visit: www.backupexec.com/compatibility.

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