

# What's new in Backup Exec

# What's New in Backup Exec releases and its feature packs

This document includes the following topics:

- [What's New in Backup Exec releases from Backup Exec 20 to Backup Exec 25](#)
- [What's new in Backup Exec 25](#)
- [What's new in Backup Exec 24](#)
- [What's new in Backup Exec 23](#)
- [What's new in Backup Exec 22.2](#)
- [What's new in Backup Exec 22.1](#)
- [What's new in Backup Exec 22](#)
- [What's new in Backup Exec 21.4](#)
- [What's new in Backup Exec 21.3](#)
- [What's new in Backup Exec 21.2](#)
- [What's new in Backup Exec 21.1](#)
- [What's new in Backup Exec 21](#)
- [What's new in Backup Exec 20 Update 6](#)
- [What's new in Backup Exec 20 Update 5](#)

- [What's new in Backup Exec 20 Update 4](#)
- [What's new in Backup Exec 20 Update 3](#)
- [What's new in Backup Exec 20 Update 2](#)
- [What's new in Backup Exec 20 Update 1](#)
- [What's new in Backup Exec 20](#)

## What's New in Backup Exec releases from Backup Exec 20 to Backup Exec 25

This article lists the new features added from Backup Exec 20 to Backup Exec 25. For more information on these features, see the Backup Exec Administrator's Guide.

## What's new in Backup Exec 25

The following table lists the new features introduced in Backup Exec 25:

Item	Description
Support for Windows Server 2025	<p>Backup Exec now supports backups and restores of Windows Server 2025. Backup Exec Server and Backup Exec Agent for Windows can be installed on Windows Server 2025.</p> <p>You can find a list of compatible operating systems, platforms, and applications in the Backup Exec Software Compatibility List (SCL).</p> <p><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>
Microsoft 365 enhancements	<ul style="list-style-type: none"><li>■ Backup Exec supports restore of Exchange items to a .pst file. You can access the PST file from your Microsoft Outlook.</li><li>■ Backup Exec supports backup and restore of Teams private channels site data.</li><li>■ Backup Exec provides the ability to add and apply filters to your Microsoft 365 backup selections that enables you to select multiple users or items significantly faster.</li></ul>

Item	Description
NetApp ONTAP Cluster Aware Backup support	Backup Exec now supports NetApp's ONTAP Cluster Aware Backup (CAB) that allows you to back up a VServer (Virtual Server) or SVM (Storage Virtual machine).
Role-based access control v2	The Role-based access control (RBAC) feature is now enhanced to provide support for the Central Administration Server (CAS) and Managed Backup Exec Server (MBES) environment.  Additionally, a new role is created for the restore administrator to manage restore jobs.
Support for self-protect backup job	Backup Exec now supports a self-protect backup job that is automatically created when Backup Exec is installed and performs backup of the metadata on the media server to facilitate a faster restore process.
Malware Detection V2	Backup Exec is now enhanced to support malware detection using Symantec Protection Engine (SPE).
Support for new cloud storage regions	Backup Exec users benefit through support for the following cloud storage regions, enabling greater flexibility and economy: <ul style="list-style-type: none"> <li>■ Amazon: Canada West (Calgary)</li> <li>■ Google: Johannesburg (africa-south1)</li> <li>■ Google: Tel Aviv (me-west1)</li> <li>■ Wasabi: Milan (eu-south-1)</li> </ul> Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:  <a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a>

## What's new in Backup Exec 24

The following table lists the new features introduced in Backup Exec 24.

Item	Description
Backup Exec Simple Capacity - Subscription	<p>Backup Exec has introduced a new Subscription-based capacity model that allows you to use the product in a way that best suits your environment.</p> <p>The subscription metering is capacity-based, which allows you to protect the total number of front-end terabytes (FETB).</p> <p>The following licenses are introduced:</p> <ul style="list-style-type: none"> <li>■ Backup Exec Simple Capacity Core Pack</li> <li>■ Backup Exec Simple Capacity Add On</li> </ul> <p>For more information about the new Subscription licensing, refer to the Backup Exec Licensing Guide.</p>
Backup Exec Restore Only	<p>The Restore Only license in Backup Exec allows you to restore your backup sets if you do not have a valid license or if your license has expired.</p> <p>If you have a valid backup license, your backups and restores continue to work as expected.</p> <p>For more information, refer to the Backup Exec Licensing Guide.</p>
Microsoft 365 enhancements	<ul style="list-style-type: none"> <li>■ Backup Exec provides improved speed for Microsoft 365 Forever Incremental and Consolidate Full backups that helps to reduce the backup window for large scale data.</li> <li>■ Backup Exec supports selective workload configuration when you add a Microsoft 365 tenant.</li> </ul>

## What's new in Backup Exec 23

The following table lists the new features introduced in Backup Exec 23.

Item	Description
Malware Scan for virtual machine backup sets	<p>Backup Exec lets you run malware scan on VMware and Hyper-V virtual machine backup sets and can be triggered on an ad hoc basis or before the restore operation.</p> <p>Backup Exec currently uses Windows Defender to run the malware scan.</p>
Role-based access control	<p>Backup Exec provides the ability to configure role-based access control (RBAC) and gives additional security by controlling the level of access to the Backup Exec console.</p>
Microsoft 365 enhancements - SharePoint Online fidelity restore	<p>Backup Exec now supports disaster recovery for SharePoint sites. All the SharePoint entities can be recreated and the properties, settings, and data for all entities can be restored, including their permissions.</p>
Multi-stream backup of virtual machines	<p>Backup Exec now supports multi-stream backup of disks within a virtual machine.</p> <p>Virtual disks are backed up in parallel, which helps to achieve faster virtual machine backups along with enhanced utilization of disk performance and network bandwidth.</p>

Item	Description
Support for new cloud storage regions	<p>Backup Exec users benefit through support for the following cloud storage and cloud storage regions, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ NetApp ONTAP S3 cloud storage</li> <li>■ Amazon: Melbourne</li> <li>■ Amazon: Hyderabad</li> <li>■ Amazon: Zurich</li> <li>■ Amazon: Spain</li> <li>■ Amazon: Tel Aviv</li> <li>■ Google: Turin</li> <li>■ Google: Doha</li> <li>■ Google: Berlin</li> <li>■ Google: Dammam</li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p>

## What's new in Backup Exec 22.2

The following table lists the new features introduced in Backup Exec 22.2.

Item	Description
Backup Exec Accelerator v3	<p>Customers can now experience significantly faster Forever Incremental backups to disk storage on ReFS volumes. The Block Cloning Technology is used when Hyper-V and VMware virtual machines are backed up to disk storage that is configured on an ReFS volume.</p>
Anomaly Detection	<p>Backup job parameters are now monitored for any change in patterns to detect anomalies which are then reported in Backup Exec.</p>

Item	Description
Support for new cloud storage - SCloud	<p data-bbox="682 279 1147 331">SCloud is now supported by Backup Exec Cloud Connector.</p> <p data-bbox="682 354 1201 435">Backup Exec users benefit from cloud storage choices through support for the following SCloud storage regions, enabling greater flexibility and economy:</p> <ul data-bbox="682 458 811 574" style="list-style-type: none"> <li data-bbox="682 458 784 479">■ Jakarta</li> <li data-bbox="682 487 811 508">■ Singapore</li> <li data-bbox="682 517 798 538">■ Vietnam</li> <li data-bbox="682 546 798 567">■ Bangkok</li> </ul> <p data-bbox="682 597 1208 649">You can find a list of supported cloud storage regions in the Backup Exec Hardware Compatibility List (HCL).</p> <p data-bbox="682 671 1094 690"><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>
Support for new cloud storage - Impossible Cloud	<p data-bbox="682 722 1181 774">Impossible Cloud is now supported by Backup Exec Cloud Connector.</p> <p data-bbox="682 796 1208 878">Backup Exec users benefit from cloud storage choices through support for the following Impossible Cloud storage region, enabling greater flexibility and economy:</p> <ul data-bbox="682 900 830 921" style="list-style-type: none"> <li data-bbox="682 900 830 921">■ Los Angeles</li> </ul> <p data-bbox="682 944 1208 996">You can find a list of supported cloud storage regions in the Backup Exec Hardware Compatibility List (HCL).</p> <p data-bbox="682 1019 1094 1038"><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>
HPE StoreOnce WORM Support	<p data-bbox="682 1064 1208 1173">Backup Exec WORM capability or data immutability is now available with Hewlett Packard Enterprise (HPE) StoreOnce Catalyst that helps to protect your data from ransomware and other forms of malware.</p>

## What's new in Backup Exec 22.1

The following table lists the new features introduced in Backup Exec 22.1.

Item	Description
Support for Microsoft 365 - Phase II	<p>Backup Exec enables you to backup and restore Microsoft 365 data.</p> <p>The following workloads are supported:</p> <ul style="list-style-type: none"><li>■ SharePoint Online</li><li>■ Teams (using Graph Export API)</li></ul> <p>These are metered APIs and there are costs associated from Microsoft. Refer to the Microsoft documentation for more information about the costs.</p> <p><a href="https://learn.microsoft.com/en-us/graph/teams-licenses">https://learn.microsoft.com/en-us/graph/teams-licenses</a></p> <p>Phase I of Microsoft 365 protection included support for Exchange Online and OneDrive.</p>
Support for SQL Server 2022	<p>Backup Exec now protects SQL Server 2022. You can also host the Backup Exec database on SQL Server 2022.</p>
Backup Exec Agent for Oracle	<p>The Agent for Oracle now supports Oracle 19c and Oracle 21c.</p>
Support for partial virtual machine restore	<p>Backup Exec enables you to restore selected disks from within a virtual machine backup, which helps to restore critical disks faster with no impact to other disks and with no data loss.</p>
Azure Object Lock	<p>Customers can now create Write Once, Read Many (WORM) enabled backup sets on Azure cloud storage configured with Backup Exec cloud deduplication. Azure Object Storage offers protection from ransomware and capitalizes on the deduplication to cloud feature.</p> <p>Backup Exec has already extended support for S3 Object Lock.</p>

Item	Description
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage regions, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ Google: Columbus</li> <li>■ Google: Dallas</li> <li>■ Google: Milan</li> <li>■ Google: Madrid</li> <li>■ Google: Paris</li> <li>■ Amazon: Middle East (UAE)</li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p> <p><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>
Agent for Linux	<p>The Agent for Linux now supports:</p> <ul style="list-style-type: none"> <li>■ Red Hat Enterprise Linux 9.0</li> <li>■ Red Hat Enterprise Linux 9.1</li> <li>■ CentOS 9.0</li> <li>■ Oracle Enterprise Linux 9.0</li> <li>■ Oracle Enterprise Linux 9.1</li> </ul>
Agent for Unix	<p>The Agent for Unix now supports:</p> <ul style="list-style-type: none"> <li>■ IBM AIX 7.3</li> </ul>

## What's new in Backup Exec 22

The following table lists the new features introduced in Backup Exec 22.

Item	Description
Support for Microsoft 365	<p>Backup Exec enables you to backup and restore Microsoft 365 data.</p> <p>The following workloads are supported:</p> <ul style="list-style-type: none"> <li>■ Exchange Online</li> <li>■ OneDrive</li> </ul>

Item	Description
Backup Exec Simple-Subscription	<p>Backup Exec has introduced Subscription-based licensing with the aim to simplify and consolidate all licenses into a single edition that includes all features and adds the new Microsoft 365 feature.</p> <p>The subscription metering is instance-based. One instance is a virtual machine or physical machine or 10 Microsoft 365 users.</p> <p>The following licenses are introduced:</p> <ul style="list-style-type: none"> <li>■ Backup Exec Simple Core Pack</li> <li>■ Backup Exec Simple Add On</li> </ul> <p>For more information about the new Subscription licensing, refer to the Backup Exec Licensing Guide.</p>
64-bit SQL Express Database	<p>Backup Exec now uses a 64-bit SQL Express 2017 instance to host its database. It helps to get increased performance and make optimum usage of a 64-bit server.</p>
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage regions, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ Google: Santiago</li> <li>■ Amazon: Jakarta</li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p> <p><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>
Generic S3 cloud provider support with Backup Exec Cloud Deduplication	<p>Backup Exec supports cloud deduplication for the Generic S3 Cloud provider.</p>
S3-Compatible Cloud Storage with V4 authentication	<p>Backup Exec now supports configuring of S3-compatible cloud storage with V4 authentication in Backup Exec. You can configure region information that enables storage to support V4 compatible cloud providers.</p>

## What's new in Backup Exec 21.4

The following table lists the new features introduced in Backup Exec 21.4.

Item	Description
OpenStorage Object Lock	Customers can now create Write Once, Read Many (WORM) enabled backup sets for DataDomain storage.
S3 Object Lock	Customers can now create Write Once, Read Many (WORM) enabled backup sets on Amazon S3 cloud storage configured with Backup Exec cloud deduplication.
Backup Exec Agent for VMware improvements	Backup Exec Agent for VMware users get significant backup job performance improvements for virtual machines.
Improvements in backup to deduplication storage	Backup Exec users get improvement in mount time of media during backup to deduplication storage folder.
Instance-based Licensing v3	The Instance-based licensing model in Backup Exec is enhanced to include enforcement of the licenses. For more information about the Enforcement state, refer to the Backup Exec Administrator's Guide.
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage region, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ Google: Delhi</li> <li>■ Google: Melbourne</li> <li>■ Google: Toronto</li> <li>■ Azure: Arizona</li> <li>■ Azure: Dubai</li> <li>■ Azure: Zurich</li> <li>■ Azure: Seoul</li> <li>■ Azure: Hong Kong</li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p>

## What's new in Backup Exec 21.3

The following table lists the new features introduced in Backup Exec 21.3.

Item	Description
Backup Exec Cloud Deduplication	Backup Exec is enhancing its existing cloud support to include cloud deduplication. This enables the users to perform backups to cloud storage with deduplication, which helps to save storage costs and network bandwidth.
Support for Windows Server 2022	<p>Backup Exec now supports backups and restores of Windows Server 2022. Backup Exec Server and Backup Exec Agent for Windows can be installed on Windows Server 2022.</p> <p>You can find a list of compatible operating systems, platforms, and applications in the Backup Exec Software Compatibility List (SCL).</p>
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage region, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ Amazon: Osaka</li> <li>■ Google: Warsaw</li> <li>■ Google: Dual-region support for the following:                             <ul style="list-style-type: none"> <li>■ Asia - Tokyo, Osaka</li> <li>■ Europe - Finland, Netherlands</li> <li>■ US - Iowa, South Carolina</li> </ul> </li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p>

## What's new in Backup Exec 21.2

Item	Description
Instance-based Licensing v2	The Instance-based licensing model in Backup Exec is enhanced to display the details for instances considered in calculations. Based on the configured threshold, warning alerts are displayed when the instances used approach the number of instances licensed in Backup Exec.

Item	Description
Backup Exec Accelerator v2	Customers can now experience significantly faster Forever Incremental backups to deduplication storage. The Backup Exec Deduplication Block Cloning technology is used when Hyper-V and VMware virtual machines are backed up to Backup Exec deduplication disk storage.
Support for SQL Server In-Memory OLTP (Optimization)	Support for Microsoft SQL Server In-Memory optimized tables.
Enhanced cloud-based and on-premises in-product help	<p>Customers can now experience a whole new way to access the Backup Exec help system. Backup Exec 21.2 gives you access to a cloud-based HTML help system and also an on-premises HTML help system. By default, you have access to the cloud-based help.</p> <p>The new help system offers the following:</p> <ul style="list-style-type: none"> <li>■ Better search capability</li> <li>■ Modern look and feel</li> <li>■ Accessibility from cloud</li> <li>■ Multi-browser support</li> </ul>
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage region, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ Google: Jakarta</li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p> <p><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>
Agent for Linux	The Agent for Linux now supports Advanced Open File Option (AOFO-L) with RHEL 7.8, 8.2, and SUSE Linux Enterprise Server 12 SP4.

## What's new in Backup Exec 21.1

Item	Description
SQL Server Always On availability group	Backup Exec now protects databases in SQL Server Always On availability group with SQL server version 2012 and later.

Item	Description
Microsoft SharePoint Server 2019 with GRT	Backup Exec now supports protection of SharePoint Server 2019 and granular restore of individual items (GRT) from SharePoint 2019 backups.
Improved encryption key security	Backup Exec now supports data encryption using 256-bit AES encryption key generated using enhanced password-based Key Derivation Function 2 (PBKDF2) algorithm.
Support for Azure Files	Backup Exec now protects Azure Files as a workload over Common Internet File System (CIFS).
Support for AWS for Windows File Server	Backup Exec now protects Amazon FSx for Windows File Server as a workload over Common Internet File System (CIFS).
Backup Exec Agent for Oracle	The Agent for Oracle now supports Oracle 18C.
Windows Server, version 2004 and Windows 10, version 2004	Backup Exec now protects Windows Server, version 2004 and Windows 10, version 2004.
Agent for Linux	The Agent for Linux now supports Advanced Open File Option (AOFO-L) with RHEL 7.7, 8.0, and 8.1.
Backup Exec Agent for AIX and Solaris	The agent for AIX and Solaris platforms is now available with the Linux Agent and uses a common installable package for all platforms. The common installable is available as part of the Backup Exec DVD media.
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage regions, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ Google: Salt Lake City and Las Vegas</li> <li>■ Amazon: Cape Town and Milan</li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p> <p><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>

# What's new in Backup Exec 21

Item	Description
Enhanced licensing experience	<p>Backup Exec users get an enhanced licensing experience. Connection with Veritas Entitlement Management System will be authenticated and updated licenses will be downloaded automatically.</p> <p>Backup Exec will also automatically synchronize licenses when maintenance contracts are renewed.</p>
Instance-based Licensing	<p>The Instance-based licensing model in Backup Exec is available in Bronze, Silver, and Gold packaging. Licensing is based on the number of physical and virtual machines that are protected.</p>
Enhancements to Remote Administration Console	<p>Remote Administration Console users can connect to the Backup Exec server using the logged on user's credentials as default authentication. This authentication can also be used by smart card users.</p> <p>Users now have the ability to allow client connections over Kerberos only.</p>
Enhanced Backup Exec deduplication engine	<p>Backup Exec users get an updated deduplication engine that uses stronger hash algorithms, while backing up to the Backup Exec deduplication folder.</p>
Enhancements to Instant Recovery and Recovery Ready	<p>Backup Exec now allows Instant Recovery and Recovery Ready operations for virtual machines backed up to deduplication disk storage.</p>
Enhancements to Ransomware Resilience	<p>As part of continued enhancements in the disk storage lockdown feature, Backup Exec does not allow other non-Backup Exec processes to modify backup data via external code execution.</p>
Backup Exec Agent for Linux	<p>The Backup Exec Agent for Linux now supports the following:</p> <ul style="list-style-type: none"> <li>■ RHEL 8</li> <li>■ RHEL 8.1</li> <li>■ Oracle Linux 8</li> <li>■ Oracle Linux 8.1</li> </ul>
Support for vSphere 7.0	<p>Backup Exec protects vSphere 7.0.</p>

## What's new in Backup Exec 20 Update 6

Item	Description
Backup Exec Accelerator	Backup Exec supports forever incremental backups for VMware and Hyper-V virtual machines. It eliminates the need to do frequent full backups of the source virtual machines by creating consolidated full backup sets on the Backup Exec server.
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage regions, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"><li>■ Amazon: Bahrain</li><li>■ Azure: UAE – North</li></ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p> <p><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>

## What's new in Backup Exec 20 Update 5

Item	Description
Veritas SaaS Backup integration	<p>Backup Exec integrates with Veritas SaaS Backup to provide unified reporting across both products.</p> <p>In the Backup Exec console, you can use the reporting feature to run the Jobs Summary report to view Veritas SaaS Backup data along with Backup Exec data after configuring a Veritas SaaS Backup account.</p> <p>For more information about Veritas SaaS Backup, go to the following URL:</p> <p><a href="http://www.veritas.com/pdf/whitepapers/saasbackupmain.pdf#subtopic=reporting">http://www.veritas.com/pdf/whitepapers/saasbackupmain.pdf#subtopic=reporting</a></p>
Support for new cloud storage	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage tiers in Amazon, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"><li>■ Amazon S3 Glacier</li><li>■ Amazon S3 Glacier Deep Archive</li><li>■ Amazon S3 Intelligent-Tiering</li><li>■ Amazon S3 One Zone-Infrequent Access</li></ul>

Item	Description
Windows Server, version 1903 and Windows 10, version 1903	Backup Exec now protects Windows Server, version 1903 and Windows 10, version 1903.
Support for new cloud storage regions	<p>Backup Exec users benefit from cloud storage choices through support for the following cloud storage regions, enabling greater flexibility and economy:</p> <ul style="list-style-type: none"> <li>■ Google: Hong Kong, Mumbai, Osaka, Finland, Netherlands, Zurich, Montreal, Sao Paulo, and Los Angeles</li> <li>■ Amazon: Hong Kong</li> </ul> <p>Review the Backup Exec Hardware Compatibility List (HCL) for supported cloud storage regions. You can find the HCL at the following URL:</p> <p><a href="http://www.veritas.com/docs/000017788">http://www.veritas.com/docs/000017788</a></p>

## What's new in Backup Exec 20 Update 4

Item	Description
Ransomware Resilience	Backup Exec monitors access to its disk-based storage device locations. Any changes to the disk-based storage device locations can only be done by Backup Exec. No other process can write to the disk storage.
Support for Resilient Change Tracking (RCT)	Backup Exec supports protection of virtual machines hosted on Hyper-V using the Resilient Change Tracking (RCT) method. Resilient Change Tracking (RCT) is available for Hyper-V running on Windows Server 2016 and later.
Backup for Office 365 with Veritas SaaS Backup	<p>Free trial of Veritas SaaS Backup is available for Backup Exec customers for fully automated data protection for Office 365 and other SaaS workloads.</p> <p><a href="https://www.veritas.com/form/trialware/saas-backup">https://www.veritas.com/form/trialware/saas-backup</a></p> <p>For more information about Veritas SaaS Backup, go to the following URL:</p> <p><a href="https://www.veritas.com/product/backup-and-recovery/saas-backup?om_camp_id=us_vrc_be_web_saas-backup_customers">https://www.veritas.com/product/backup-and-recovery/saas-backup?om_camp_id=us_vrc_be_web_saas-backup_customers</a></p>
Support for Veritas Smart Meter	<p>Backup Exec users can track their capacity usage and entitlement with Veritas Smart Meter.</p> <p><a href="https://taas.veritas.com/">https://taas.veritas.com/</a></p>

Item	Description
Support for Server Message Block (SMB) and Scale-Out File Server	Backup Exec supports protection of Hyper-V virtual machines hosted on Server Message Block (SMB) and Scale-Out File Server shares. This support is available if the Resilient Change Tracking (RCT) method is selected and Hyper-V is running on Windows Server 2016 and later.
Support for Microsoft SharePoint Server 2016 with GRT	Backup Exec now adds support for granular restore of individual items (GRT) from SharePoint 2016 backups.
Backup virtual machine disks selectively - Hyper-V	<p>You can now choose which virtual disks to include or exclude when backing up Hyper-V virtual machines.</p> <p>This feature is applicable for virtual machines hosted on Hyper-V and is already available for VMware virtual machines.</p>
Backup jobs with debug logging enabled	Backup Exec users can run a job with debug logging enabled. This feature makes it easy to get the debug logs, which can be sent to technical support.

## What's new in Backup Exec 20 Update 3

Item	Description
GDPR Guard	Backup Exec users can now block access to certain backed up items for privacy and compliance requirements of an organization. With GDPR Guard, users can specify the list of blocked items that should no longer be viewed or restored using Backup Exec.
Support for Windows Server 2019	<p>Backup Exec now supports backups and restores of Windows Server 2019. Backup Exec and Agent for Windows can be installed on Windows Server 2019.</p> <p>You can find a list of compatible operating systems, platforms, and applications in the Backup Exec Software Compatibility List (SCL).</p>

Item	Description
Support for Microsoft Exchange Server 2019	<p>Support for backups and restores of Exchange Server 2019 databases, and restore of individual items (GRT) with Exchange Server 2019 is available.</p> <p>You can find a list of compatible operating systems, platforms, and applications in the Backup Exec Software Compatibility List (SCL).</p>
Retry backup for only failed resources	<p>Backup Exec users can now retry a failed backup job for only those resources that failed during the last run.</p>
Backup virtual machine disks selectively - VMware	<p>You can now choose which virtual disks to include or exclude when backing up VMware virtual machines.</p> <p>This feature is only applicable for virtual machines hosted on VMware vSphere.</p>
Support for new cloud storage - Alibaba	<p>Alibaba Cloud Object Storage Service (OSS) is now supported by Backup Exec Cloud Connector.</p> <p>You can find a list of supported cloud storage regions in the Backup Exec Hardware Compatibility List (HCL).</p>

## What's new in Backup Exec 20 Update 2

Item	Description
Instant Cloud Recovery	<p>Backup Exec users get Disaster Recovery powered by Azure Site Recovery. You can monitor the replication health and enable replication of on-premise virtual machines, whose hosts are configured with Azure Site Recovery.</p> <p>For more information about Azure Site Recovery, go to the following URL:  <a href="https://azure.microsoft.com/services/site-recovery/">https://azure.microsoft.com/services/site-recovery/</a></p>
Support for vSphere 6.7	<p>Backup Exec protects vSphere 6.7.</p>

Item	Description
Support for Microsoft SharePoint Server 2016	Backup Exec now supports protection of SharePoint Server 2016. Granular restore is limited to farm-level components.
Windows Server, version 1803 and Windows 10, version 1803	Backup Exec now protects Windows Server, version 1803 and Windows 10, version 1803.
Establish trust for vCenter/ESX(i) servers	Backup Exec users can now review and validate the security SSL certificates installed on vCenter/ESX(i) hosts.

## What's new in Backup Exec 20 Update 1

Item	Description
Backup Exec now introduces Subscription and Perpetual-based Licensing	<p>The Subscription and Perpetual licensing models in Backup Exec are available in Bronze, Silver, and Gold packaging. The Subscription and Perpetual licensing models facilitate simpler transactions for businesses with fewer sets of licenses to manage for users.</p> <p>It makes it easy for users to do backups since they are paying based on the front end capacity they are protecting.</p>
Enhanced Instant recovery	Backup Exec users can now also instantly recover any non-Windows virtual machine.
Support for OpenDedupe Connectors	The OpenDedupe OST Connector now supports Azure Archival Storage and Amazon Glacier. With the integration between Backup Exec and OpenDedupe, you can now back up to this storage.
Enhancing S3-Compatible Cloud service provider coverage	<p>Backup Exec supports more cloud storage providers when the cloud storage is configured with the "compatible-with-s3" provider. For more information, refer to the following technote:</p> <p><a href="http://www.veritas.com/docs/000126210">http://www.veritas.com/docs/000126210</a></p>

Item	Description
Backup Exec integrates with Veritas™ Information Map	<p>Backup Exec integrates with Veritas™ Information Map. This integration helps organizations gain insight into their data by providing an immersive visual experience of the global information environment for an organization.</p> <p>Backup Exec can be configured to populate Information Map with metadata of an organization's unstructured data and identify areas of risk, value, waste, and interest.</p>
Veritas Update replaces LiveUpdate	LiveUpdate has been replaced with Veritas Update to provide updates for Backup Exec.
Enhanced inbound firewall rules for Backup Exec	Backup Exec has enhanced the existing inbound firewall rules to provide access for only the required ports and restrict access to all other ports. This helps to minimize probability of a security lapse or violation.
Enhancements to Backup Exec with a powerful Deduplication engine	Backup Exec users can get improved speed, scale, and stability while backing up to the Backup Exec deduplication folder.
Payment Card Industry Data Security Standard (PCI DSS) support	Backup Exec can be installed for data protection in an environment configured to use TLS 1.2 that helps to comply with the Payment Card Industry Data Security Standard (PCI DSS) 3.1/3.2 requirements.
Transport Layer Security (TLS) 1.2 support	Backup Exec can be installed for data protection in an environment configured to use TLS 1.2.
Improved IPv6 support	Backup Exec client-side deduplication, NDMP Option, and RMAL features can also be used with the IPv6 (Pure and Dual Stack) protocol.
Support for SQL Server 2017	Backup Exec now protects SQL Server 2017. You can also host the Backup Exec database on SQL Server 2017.

# What's new in Backup Exec 20

Item	Description
Backup Exec integrates with Veritas™ Information Map	<p>Backup Exec integrates with Veritas™ Information Map to help organizations gain insight into their data by providing an immersive visual experience of the global information environment for an organization.</p> <p>Backup Exec can be configured to populate Information Map with metadata of an organization's unstructured data and identify areas of risk, value, waste and interest.</p>
Veritas Update replaces LiveUpdate	<p>LiveUpdate has been replaced with Veritas Update for providing updates to Backup Exec.:</p>
Backup Exec now comes with the convenience of Subscription-based Licensing	<p>Backup Exec licensing has changed. Backup Exec is now available in three editions: Backup Exec Bronze, Silver, and Gold. Each edition includes a specific set of features, and are priced on a per-terabyte basis. A Trial edition is also available, which includes all of the agents and features included with the Gold edition.</p> <p>For more information about licensing changes, see the Backup Exec Administrator's Guide.</p>
Enhancements to Backup Exec with a powerful Deduplication engine	<p>Backup Exec users get improved speed, scale, and stability while backing up to the Backup Exec deduplication folder.</p>
Payment Card Industry Data Security Standard (PCI DSS) support	<p>Backup Exec can be installed for data protection in an environment configured to use TLS 1.2 in compliance with the Payment Card Industry Data Security Standard (PCI DSS) requirements.</p>
Support for SQL Server 2017	<p>Backup Exec now supports backup and restore of SQL Server 2017.</p>