

veeam

Veeam Agent
for Microsoft Windows

Veeam Agent
for Linux

Veeam Agent
for Mac



Feature Comparison

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Veeam Agent *for Microsoft Windows*

Fully supported
 Partially supported

Veeam Agent for Microsoft Windows	Community/Free	Workstation	Server	Notes
Requires Veeam® Universal License				
BACKUP				
Entire computer				Image-based backup of the entire machine for bare-metal restores
Volume-level				Image-based backup of specific volumes
File-level				Back up specific files and directories. Easily select user profiles for quick targeted backup configuration.
RECOVERY				
Bare-metal recovery				Restore the entire system to the same or different hardware via a bootable recovery image of your computer that includes recovery tools you can leverage should your computer fail to start.
Volume-level recovery				Restore a failed drive or partition.
File-level recovery				Restore individual files in minutes.
APPLICATION-AWARE PROCESSING				
Application-aware processing				Create application-consistent backups with advanced application-aware processing (including transaction log truncation).
File indexing and search				A catalog of files enables effortless search of individual files, so you can find and restore a file without knowing its precise location or when it was deleted.
Transaction log backup				Achieve low RPOs for Microsoft SQL and Oracle databases.
BACKUP TARGETS				
Local storage				Back up to locally attached storage.
Rotated USB media				Store your backup files on a single or several external hard drives.
Shared folder				Back up to an SMB file share.

Veeam Agent for Microsoft Windows	Community/Free	Workstation	Server	Notes
Veeam backup repository	✓	✓	✓	Define any Veeam Backup & Replication repository as a target for Veeam Agent jobs to eliminate backup infrastructure complexity. This includes HPE StoreOnce Catalyst, EMC Data Domain, and ReFS. Community Edition does not support third-party storage integrations. Enterprise storage integration requires primary storage to be registered in Veeam Backup & Replication server as a repository.
Veeam Cloud Connect Repository		✓	✓	Get your backups off site with fully integrated, fast and secure backup and restore from the cloud through a Veeam-powered service provider of your choice.
BACKUP OPTIONS				
External USB drive backup	✓	✓	✓	Protect your periodically connected USB drives without any harm to regular day-to-day backup activity.
Parallel disk processing			✓	Achieve your recovery point objective (RPO) targets through increased backup job performance when using the server job type that has the ability to process multiple disks at the same time when backing up to a Veeam Backup & Replication repository or Veeam Cloud Connect repository.
Multiple backup jobs		✓	✓	Utilizing multiple backup schedules for different datasets by creating multiple backup jobs helps achieve the desired RPO. Workstation edition only provides the ability to create an unlimited number of backup jobs to a Veeam Cloud connect repository plus a single backup job to any Veeam supported backup repository.
Endpoint protection for mobile users		✓	✓	Back up to a local cache when the specified target is not available and sync your cached backups once the connection has been reestablished.
Network management	✓	✓	✓	Define the scope of network rules for your backup agent to use network bandwidth more efficiently. Now including improved supported VPN vendor with auto detection of Cisco AnyConnect, Fortinet and any Microsoft Windows TAP-9 VPN adapter.
Synthetic full		✓	✓	Eliminate impact on production by creating synthetic full backups. Interaction with production workload is limited to the time it takes to complete an incremental backup, and the VBK creation is then offloaded to the target repository.
Source-side encryption	✓	✓	✓	Secure backup data and network transfers with source-side encryption without any negative impact on backup processing.

Veeam Agent for Microsoft Windows	Community/Free	Workstation	Server	Notes
Changed block tracking (CBT) driver			✓	Optimize backup performance for mission-critical server workloads with Veeam-powered change block tracking driver.
RETENTION AND SCHEDULING				
Retention based on days when computer was used	✓	✓		Get user-friendly retention based on days when your computer was running.
Retention based on restore points			✓	Leverage server-based retention logic to protect your most-critical server applications.
Daily schedule and backup events	✓	✓	✓	Protect laptops and desktops daily or based on user activity via backup events.
Continuous, daily, weekly and monthly schedule			✓	Choose from flexible options designed to back up your critical application servers as frequently as required.
Adjustable backup window			✓	Define the time intervals for your backup jobs to avoid unwanted overhead for production applications.
DEPLOYMENT AND CONFIGURATION				
Silent installation and upgrade	✓	✓	✓	Deploy or upgrade your agents in unattended mode.
Configuration API		✓	✓	Configure your agents with the help of a simple command-line interface.
INTEGRATION WITH VEEAM BACKUP & REPLICATION™				
Agent management		✓	✓	Organize, automate and deploy Linux backups with Veeam Agent protection groups – Create groups based on Active Directory or CSV files and configure custom automatic update and deployment schedules.
Integration with software deployment tools	✓	✓	✓	Protection group (PG) for pre-installed agents – This protection group type provides a convenient way to install agents using third-party software distribution solutions, when deploying them from the backup server is not possible due to security and network connectivity restrictions. The PG wizard creates a custom agent installation package that enables agents to connect to the backup server automatically using the PKI-based authentication with a single-use certificate. The backup server then places an incoming agent into the protection group that created the installation package and issues a new permanent authentication certificate. At which point, you can use the agent in “managed by agent” backup policies normally.
Managed jobs			✓	Control and manage backup activity for servers and failover clusters via the Veeam Backup & Replication server.

Veeam Agent for Microsoft Windows	Community/Free	Workstation	Server	Notes
Managed policies		✓	✓	Create and distribute backup job configurations across laptops and desktops via the Veeam Backup & Replication server.
Instant VM Recovery®	✓	✓	✓	Provides additional data recovery and portability options, enabling you to instantly recover ANY Veeam backup to VMware vSphere and Hyper-V within minutes – reducing downtime.
Direct Restore to AWS/Microsoft Azure/Azure Stack	✓	✓	✓	Restore or migrate on-premises, Windows-based or Linux-based VMs, physical servers and endpoints directly to AWS, Microsoft Azure and Microsoft Azure Stack.
Volume-level recovery	✓	✓	✓	Restore computer volumes from the Veeam Backup & Replication server directly to the machine.
Export as virtual disk	✓	✓	✓	Restore computer disks as VMDK, VHD or VHDX files.
Veeam Explorer™ for Microsoft Exchange	✓✓	✓✓	✓✓	Get instant visibility into Microsoft Exchange backups for item recovery of individual Exchange items (emails, appointments, notes, contacts, etc.), online archive mailboxes and hard-deleted items. Leverage comprehensive e-Discovery functionality, including query-result, size estimation and detailed export reports. (Please note: Application-aware processing is only available in Server Job Mode.)
Veeam Explorer for Microsoft SQL Server	✓✓	✓✓	✓✓	Restore individual SQL databases with ease without needing an extensive SQL background or having to search for database and transaction-log files. (Please note: Application-aware processing is only available in Server Job Mode.)
Veeam Explorer for Microsoft SharePoint	✓✓	✓✓	✓✓	Get instant visibility into SharePoint backups with advanced search-and-browse capabilities for quick recovery of individual SharePoint items and entire sites. (Please note: Application-aware processing is only available in Server Job Mode.)
Veeam Explorer for Oracle	✓✓	✓✓	✓✓	Restore individual Oracle databases with ease without needing an extensive Oracle background or having to search for database and transaction-log files. Enterprise and Enterprise Plus editions include agentless, transaction-log backup, archived log management and transaction-level recovery of databases back to the original or new Oracle Server, as well as the ability to publish and export Oracle databases. (Please note: Application-aware processing is only available in Server Job Mode.)

Veeam Agent for Microsoft Windows	Community/Free	Workstation	Server	Notes
Veeam Explorer for Microsoft Active Directory	✓	✓	✓	You can use Veeam Explorer <i>for Microsoft Active Directory</i> to restore Microsoft Active Directory objects from any successfully created backup or replica of a virtualized Microsoft Active Directory Server. The backup or replica must be created with application-aware processing enabled. (Please note: Application-aware processing is only available in Server Job Mode.)
Search and 1-click restore		✓	✓	Restore machine files with a single click through a web UI.
TECHNICAL SUPPORT				
24.7.365 Technical Support	✓	✓	✓	Get 24.7.365 enterprise-level technical support when you need it with your VUL-enabled products. Please Note: Veeam does not provide phone support for Community, Free, or NFR licensed products. Email support is provided on a best-effort basis depending on staff availability, but there are no response goals or response guarantees for this service.

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Veeam Agent *for Linux*

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Veeam Agent for Linux	Community/Free	Workstation	Server	Notes
BACKUP				
Entire computer				Image-based backup of the entire machine for bare-metal restores
Volume-level				Image-based backup of specific volumes
File-level				Back up specific files and directories, including extended attributes (xattr) support: backup not only the data from file systems that are not supported by veeamsnap snapshot module (such as NSS, ZFS and others) but also make sure that all additional important metadata is safe.
Built-in volume snapshot and changed block tracking				Get consistent, incremental online backups enabled by veeamsnap kernel module with built-in volume snapshot and CBT capabilities.
RECOVERY				
Bare-metal recovery				Restore your entire system to the same or different hardware. Additional administration tools to support complex configurations are included, such as RAID management, Network Manager, LUKS2 tools and others, as well as an improved disk layout management for your convenience.
Volume-level recovery				Restore a failed drive or partition.
File-level recovery				Restore individual files in minutes.
Export as virtual disk				Restore disks as VHD files.
APPLICATION-AWARE PROCESSING				
Application-aware processing for MySQL				Create application-consistent backups with advanced application-aware processing for MySQL.
Application-aware processing for PostgreSQL				Create application-consistent backups with advanced application-aware processing for PostgreSQL.
Pre-freeze/post-thaw snapshot scripts				Specify scripts for application-aware processing to create transactionally consistent backups.
File indexing and search				Create an index of files and directories located on the Veeam Agent computer during backup. File indexing allows you to search for specific files inside Veeam Agent backups and perform 1-click restore in Veeam Backup Enterprise Manager.
BACKUP TARGETS				

Veeam Agent for Linux	Community/Free	Workstation	Server	Notes
Local storage	✓	✓	✓	Back up to locally attached storage.
Shared folder	✓	✓	✓	Back up to an SMB or NFS share.
Veeam backup repository	✓	✓	✓	Define any Veeam Backup & Replication repository as a target for Veeam Agent jobs to eliminate backup infrastructure complexity. This includes HPE StoreOnce Catalyst, EMC Data Domain, and ReFS. Community Edition does not support third-party storage integrations. Enterprise storage integration requires primary storage to be registered in Veeam Backup & Replication server as a repository.
Veeam Cloud Connect repository		✓	✓	Get your backups off site with fully integrated, fast and secure backup and restore from the cloud through a Veeam-powered service provider of your choice.
BACKUP OPTIONS				
Snapshotless file-level backup	✓	✓	✓	Back up files from file systems that are not supported by veeamsnap kernel module.
Multiple backup jobs		✓	✓	Utilizing multiple backup schedules for different datasets by creating multiple backup jobs helps achieve the desired RPO. Workstation edition only provides the ability to create an unlimited number of backup jobs to a Veeam Cloud connect repository plus a single backup job to any Veeam supported backup repository.
Source-side encryption	✓	✓	✓	Protect your information from unauthorized access, especially if you back up sensitive data to remote locations.
Pre/post job scripts	✓	✓	✓	Execute custom scripts before and/or after the backup job.
Push files to recovery media	✓	✓	✓	Keep the most important files, such as network or storage settings, in Recovery Media.
RETENTION AND SCHEDULING				
Schedule	✓	✓	✓	Cron-based scheduler allows you to choose when to back up your servers or workstations.
Retention based on restore points	✓	✓	✓	Specify the exact number of restore points that you would like to keep.
STANDALONE DEPLOYMENT AND CONFIGURATION				
Snapshot kernel module binaries prebuilt and digitally signed by Veeam	✓	✓	✓	Ensure security and easier installation of veeamsnap kernel module.
Source .deb and .rpm snapshot kernel module packages	✓	✓	✓	Let DKMS automatically rebuild veeamsnap kernel module if your system does not provide stable kABI.
INTEGRATION WITH VEEAM BACKUP & REPLICATION™				
Agent management		✓	✓	Organize, automate and deploy Linux backups with Veeam Agent protection groups – Create groups based on Active Directory or CSV files and configure custom automatic update and deployment schedules.

Veeam Agent for Linux	Community/Free	Workstation	Server	Notes
Integration with software deployment tools	✓	✓	✓	Protection group (PG) for pre-installed agents – This protection group type provides a convenient way to install agents using third-party software distribution solutions, when deploying them from the backup server is not possible due to security and network connectivity restrictions. The PG wizard creates a custom agent installation package that enables agents to connect to the backup server automatically using the PKI-based authentication with a single-use certificate. The backup server then places an incoming agent into the protection group that created the installation package and issues a new permanent authentication certificate. At which point, you can use the agent in “managed by agent” backup policies normally.
Managed jobs			✓	Control and manage backup activity for servers via the Veeam Backup & Replication server.
Managed policies		✓	✓	Create and distribute a backup job configuration across laptops, desktops and servers.
Export as virtual disk	✓	✓	✓	Restore computer disks as VMDK, VHD or VHDX files.
Instant VM Recovery®	✓	✓	✓	Provides additional data recovery and portability options, enabling you to instantly recover ANY Veeam backup to VMware vSphere and Hyper-V within minutes – reducing downtime.
Direct Restore to AWS/ Microsoft Azure/Azure Stack – part of Veeam Cloud Mobility	✓	✓	✓	Restore or migrate on-premises, Linux-based physical servers, workstations and endpoints directly to AWS, Microsoft Azure and Microsoft Azure Stack.
Application-item recovery			✓	Utilize Veeam Explorer™ to search for and restore items from Oracle.
Integration with Veeam Service Provider Console		✓	✓	Starting with Veeam Service Provider Console v5, Veeam Agent for Linux can be managed by Veeam Service Provider Console.
TECHNICAL SUPPORT				
24.7.365 Technical Support	✓	✓	✓	Get 24.7.365 enterprise-level technical support when you need it with your VUL-enabled products. Please Note: Veeam does not provide phone support for Community, Free, or NFR licensed products. Email support is provided on a best-effort basis depending on staff availability, but there are no response goals or response guarantees for this service.

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Veeam Agent *for Mac*

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Veeam Agent for Mac	Community/Free	Workstation	Notes
BACKUP			
File-level			Back up specific files and directories.
User profile			Simply enable "back up entire user profile" to ensure no important files are missed.
RECOVERY			
File-level recovery			Restore individual files or folders quickly and easily.
User profile			Recover an entire user profile to the same or new device.
BACKUP TARGETS			
Local storage			Back up to locally attached storage.
Veeam backup repository			Define any Veeam Backup & Replication repository as a target for Veeam Agent jobs to eliminate backup infrastructure complexity. This includes HPE StoreOnce Catalyst, EMC Data Domain, and ReFS. Community Edition does not support third-party storage integrations. Enterprise storage integration requires primary storage to be registered in Veeam Backup & Replication server as a repository.
Veeam Cloud Connect repository			Get your backups off site with fully integrated, fast and secure backup and restore from the cloud through a Veeam-powered service provider of your choice.
BACKUP OPTIONS			
Multiple backup jobs			Utilizing multiple backup schedules for different datasets by creating multiple backup jobs helps achieve the desired RPO. Workstation edition only provides the ability to create an unlimited number of backup jobs to a Veeam Cloud connect repository plus a single backup job to any Veeam supported backup repository.
Source-side encryption			Protect your information from unauthorized access, especially if you back up sensitive data to remote locations.
Compression			Decrease backup storage requirements and network traffic with built-in compression. Multiple compression options let you balance storage consumption and performance.

Veeam Agent for Mac	Community/Free	Workstation	Notes
SCHEDULE			
Retention based on restore points	✓	✓	Specify the exact number of restore points that you would like to keep in your Veeam Backup & Replication console job settings or from CLI.
DEPLOYMENT AND AGENT MANAGEMENT			
Integration with software deployment tools	✓	✓	Protection group (PG) for pre-installed agents – This protection group type provides a convenient way to install agents using third-party software distribution solutions, when deploying them from the backup server is not possible due to security and network connectivity restrictions. The PG wizard creates a custom agent installation package that enables agents to connect to the backup server automatically using the PKI-based authentication with a single-use certificate. The backup server then places an incoming agent into the protection group that created the installation package and issues a new permanent authentication certificate. At which point, you can use the agent in "managed by agent" backup policies normally.
Agent backup policy jobs	✓	✓	Create and distribute backup job configurations across laptops, desktops and workstations.
Search and 1-click restore	✓	✓	Restore files with one-click through a web UI.
Integration with Veeam Service Provider Console		✓	Starting with Veeam Service Provider Console v5, Veeam Agent for Mac can be managed by Veeam Service Provider Console.
TECHNICAL SUPPORT			
24.7.365 Technical Support	✓	✓	Get 24.7.365 enterprise-level technical support when you need it with your VUL-enabled products. Please Note: Veeam does not provide phone support for Community, Free, or NFR licensed products. Email support is provided on a best-effort basis depending on staff availability, but there are no response goals or response guarantees for this service.

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