



***Veeam Agent for
Microsoft Windows***

Veeam Agent for Linux

Veeam Agent for Mac

Feature Comparison

Contents

Veeam Agent for Microsoft Windows	3	Standalone Deployment and Configuration	12
Backup	3	Integration with Veeam Backup & Replication	12
Recovery	3	Security & Compliance	13
Application-Aware Processing	3	Technical Support	13
Backup Targets	3	Veeam Agent for Mac	14
Backup Options	4	Backup	14
Retention and Scheduling	5	Recovery	14
Deployment and Configuration	5	Backup Targets	14
Integration with Veeam Backup & Replication	5	Backup Options	14
Security & Compliance	7	Retention and Scheduling	15
Technical Support	8	Deployment and Agent Management	15
Veeam Agent for Linux	9	Security and Compliance	16
Backup	9	Technical Support	16
Recovery	9		
Application-Aware Processing	10		
Backup Options	11		
Retention and Scheduling	11		



✓ Fully supported ✓ Partially supported

Veeam Agent for Microsoft Windows Requires Veeam Universal License	Community	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. 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				
Object Storage	✓	✓	✓	Back up to on-premises or cloud object storage. Back up requires workstation or server license. Recovery is available in all editions.
Local storage	✓	✓	✓	Back up to locally attached storage.



✓ Fully supported ✓ Partially supported

Veeam Agent for Microsoft Windows Requires Veeam Universal License	Community	Workstation	Server	Notes
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 backup repository	✓	✓	✓	Define any Veeam Backup & Replication repository as a target for Veeam Agent jobs to eliminate backup infrastructure complexity. This includes Object storage repositories, 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 backing up to a Veeam Backup & Replication repository or Veeam Cloud Connect repository, the Server edition can process multiple disks simultaneously.
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. Support for VPN auto detection with Cisco AnyConnect, Fortinet, Palo Alto 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.

✓ Fully supported
 ✓ Partially supported

Veeam Agent for Microsoft Windows Requires Veeam Universal License	Community	Workstation	Server	Notes
Source-side encryption	✓	✓	✓	Secure backup data and network transfers with source-side encryption while avoiding any negative impact on backup processing.
Changed block tracking (CBT) driver		✓	✓	Optimize backup performance for mission-critical workloads (including new support for file-level backup) 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. Now also available for server edition.
Retention based on restore points			✓	Leverage server-based retention logic to protect your most-critical server applications.
Daily schedule and backup events	✓	✓	✓	Protect servers, 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.
GFS			✓	Store backup files for long periods of time with specific GFS flags.
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				
SureBackup®	✓	✓	✓	Test and verify recoverability of agent backup by automatically creating a VM directly from a backup file in a fenced-off copy of your production environment. Provides support for custom application test scripts.

✓ Fully supported

✓ Partially supported

Veeam Agent for <i>Microsoft Windows</i> Requires Veeam Universal License	Community	Workstation	Server	Notes
Agent management		✓	✓	Organize, automate and deploy Windows and 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.
Managed policies		✓	✓	Create and distribute backup job configurations across servers, laptops and desktops via the Veeam Backup & Replication server.
Secure Bare Metal Recovery with Recovery Tokens		✓	✓	Create a secured and controlled recovery environment by generating recovery tokens for granular access to machines.
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.

✓ Fully supported
 ✓ Partially supported

Veeam Agent for Microsoft Windows Requires Veeam Universal License	Community	Workstation	Server	Notes
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 Edition).
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 Edition).
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 Edition).
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. 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 Edition).
Veeam Explorer for Microsoft Active Directory	✓	✓	✓	You can use Veeam Explorer for Microsoft Active Directory 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 Edition).
Search and 1- click restore		✓	✓	Restore machine files with a single click through a web UI.
Security & Compliance				
Deployment in IPv6 environments	✓	✓	✓	Veeam agent is fully prepared to operate in the modern data centers configured with IPv6 networking.
Deployment in Kerberos-only environments	✓	✓	✓	Move security to a new level with the possibility to run all Veeam agents in the Kerberos-only environments.



✓ Fully supported ✓ Partially supported

Veeam Agent for Microsoft Windows Requires Veeam Universal License	Community	Workstation	Server	Notes
FIPS compliance	✓	✓	✓	Veeam agent uses FIPS-compliant cryptographic APIs and modules.
Mordern email reporting	✓	✓	✓	Mordern authentication support for Microsoft 365 and Google in addition to SMTP.
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..

✓ Fully supported
 ✓ Partially supported

Veeam Agent for Linux	Community	Workstation	Server	Notes
Backup				
Veeam Agent for Linux on IBM Power			✓	File level recovery to original & other hosts (including cross-platform). Disk publish, Bare metal restore, Volume level restore. Only BTRFS & LVM snapshots supported (no kernel module)
Veeam Agent for Linux nosnap (x86_64)	✓	✓	✓	Nosnap packages are now supported for x86_64 systems and allows for greater flexibility as nosnap version is not affected by kernel patches. Support for Agent Management is provided for pre-installed agents protection groups. LVM and BTRFS snapshots are supported which makes BMR possible even without Veeam kernel module present.
Veeam Agent for Unix management			✓	Leverage VBR to deploy, configure, and control Unix agents.
Linux Deployer Package	✓	✓	✓	When installed on endpoints, Protection Groups can perform a remote deployment and management of Veeam Agent for Linux, using certificate-based authentication, removing the need for providing local credentials and communication over SSH.
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: back up not only the data from file systems that are not supported by veeam snapshot and change-tracking 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 veeam 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.



✓ Fully supported ✓ Partially supported

Veeam Agent for Linux	Community	Workstation	Server	Notes
File-level recovery	✓	✓	✓	Restore individual files in minutes.
Export as virtual disk	✓	✓	✓	Export a backup to a virtual disk in the VHD format.
Application-Aware Processing				
Application-aware processing for Oracle			✓	Create application-consistent backups with advanced application-aware processing for Oracle.
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				
Object Storage	✓	✓	✓	Back up to on-premises or cloud object storage. Back up requires workstation or server license. Recovery is available in all editions.
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.

✓ Fully supported
✓ Partially supported

Veeam Agent for Linux	Community	Workstation	Server	Notes
Backup Options				
Snapshotless file-level backup	✓	✓	✓	Back up files from file systems that are not supported by veeam snapshot and change-tracking module.
Local storage		✓	✓	Utilizing multiple backup schedules for different datasets by creating multiple backup jobs to help 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.
Job Queueing	✓	✓	✓	If jobs overlap for any reason, jobs will automatically queue until previous one is completed, and begin as scheduled.
Retention and Scheduling				
Independent built-in scheduler	✓	✓	✓	Allows for flexibility without having to rely on the system's built-in scheduler.
Retention based on restore points	✓	✓	✓	Specify the exact number of restore points that you would like to keep.
GFS				Store backup files for long periods of time with specific GFS flags.

✓ Fully supported

✓ Partially supported

Veeam Agent for Linux	Community	Workstation	Server	Notes
Standalone Deployment and Configuration				
Snapshot kernel module binaries prebuilt and digitally signed by Veeam	✓	✓	✓	Ensure security and easier installation of veeam snapshot and change-tracking module.
Source .deb and .rpm veeam snapshot and change-tracking module packages	✓	✓	✓	Ensure security and easier installation of veeam snapshot and change-tracking module.
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 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.
Secure Bare Metal Recovery with Recovery Tokens		✓	✓	Create a secured and controlled recovery environment by generating recovery tokens for granular access to machines
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.



✓ Fully supported ✓ Partially supported

Veeam Agent for Linux	Community	Workstation	Server	Notes
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 and PostgreSQL.
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.
Security & Compliance				
Deployment in IPv6 environments	✓	✓	✓	Veeam agent is fully prepared to operate in the modern data centers configured with IPv6 networking.
Deployment in Kerberos-only environments	✓	✓	✓	Move security to a new level with the possibility to run all Veeam agents in the Kerberos-only environments.
FIPS compliance	✓	✓	✓	Veeam agent uses FIPS-compliant cryptographic APIs and modules.
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.

✓ Fully supported
✓ Partially supported

Veeam Agent for Mac	Community	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			
Object Storage	✓	✓	Back up to on-premises or cloud object storage. Back up requires workstation or server license. Recovery is available in all editions.
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 object storage, 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			
Resume Backup	✓	✓	In the event of an interruption due to a network or power outage, resume backup sessions right where they stopped rather than start it from the beginning.
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. (Note: Requires server edition to have multiple backup jobs pointed to targets other than cloud connect).

✓ Fully supported
 ✓ Partially supported

Veeam Agent for Mac	Community	Workstation	Notes
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.
Job Queueing	✓	✓	If jobs overlap for any reason, jobs will automatically queue until previous one is completed, and begin as scheduled.
Retention and Scheduling			
Retention based on restore points	✓	✓	Specify the exact number of restore points that you would like to keep.
Flexible scheduling	✓	✓	Daily scheduling is available. (Note: available in server edition which enables flexible scheduling like daily, weekly, monthly and periodic backups).
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.



✓ Fully supported ✓ Partially supported

Veeam Agent for Mac	Community	Workstation	Notes
Security and Compliance			
Deployment in IPv6 environments	✓	✓	Veeam agent is fully prepared to operate in the modern data centers configured with IPv6 networking.
FIPS compliance	✓	✓	Veeam agent uses FIPS-compliant cryptographic APIs and modules.
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.