

veeam

Veeam Agent *for Microsoft Windows v4*

Veeam Agent *for Linux V4*

Feature Comparison



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Veeam Agent for Microsoft Windows v4

Veeam Agent for Microsoft Windows v4, a key component of Veeam Backup & Replication, is a comprehensive backup and recovery solution for Windows-based workstations, physical servers and cloud instances that enable organizations to protect their heterogeneous environment from a single management console and minimize interruptions to their business.

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Fully supported Partially supported

Veeam Agent for Microsoft Windows	Free	Workstation	Server	Notes
Requires Veeam Universal License	FREE DOWNLOAD	DOWNLOAD FREE TRIAL		
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.
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.

Veeam Agent for Microsoft Windows	Free	Workstation	Server	Notes
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 share.
Veeam backup repository	✓	✓	✓	Define any Veeam Backup & Replication repository as a target for Veeam Agent jobs to eliminate backup infrastructure complicity. This includes HPE StoreOnce Catalyst, EMC Data Domain and ReFS. (De-duplicating storage appliance integration is not available in Community Edition).
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.
Microsoft OneDrive	⚠	✓	✓	Back up your desktop or laptop directly to Microsoft OneDrive storage. Direct backup to OneDrive is supported only for Non-Server operating system type. Free version is limited to operating system backup only.
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, with 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		⚠	✓	Achieve your desired RPO by utilizing multiple backup schedules for different datasets and creating multiple backup jobs. Workstation edition supports an unlimited number of backup jobs to a Cloud Connect repository only.
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 re-established.

Veeam Agent for Microsoft Windows	Free	Workstation	Server	Notes
Network management	✓	✓	✓	Define the scope of network rules for your backup agent to use network bandwidth more efficiently.
Synthetic full		✓	✓	Eliminate Impact on production by creating synthetic full backups. Interaction with production workload is limited to the time it takes to complete a 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.
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		✓	✓	The ability to organize, automate and deploy Windows backups with Veeam Agent protection groups. Create groups based on Active Directory or CSV files and configure custom automatic update and deployment schedules.
Managed jobs			✓	Control and manage backup activity for servers and failover clusters via the Veeam Backup & Replication server.

Veeam Agent for Microsoft Windows	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. All editions, including Community Edition, support Exchange mailbox item restore via save, send and PST export. Enterprise and Enterprise Plus editions support restoring back to the original mailbox.(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. All editions, including Community Edition, support local, point-in-time SQL database restores. Enterprise and Enterprise Plus editions include agentless, transaction-log backup and replay, transaction-level recovery of databases and SQL objects (tables, stored procedures, views, etc.) back to the original or new SQL server.(please note application aware processing is only available in Server Job Mode)

Veeam Agent for <i>Microsoft Windows</i>	Free	Workstation	Server	Notes
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. All editions, including Community Edition, support SharePoint item restore via save, send and export. Enterprise and Enterprise Plus editions also support entire-site restore, as well as restore to the original location.(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. Enterprise Plus edition allows Oracle database administrators to leverage the Oracle Recovery Manager (RMAN) for backup and restore, while Veeam Explorer for Oracle allows non-database administrators a simple user interface for database restores in emergency situations from those RMAN backups.(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.
Self-service portal				File-restore portal with automatic backup detection and automatic delegation based on local administrator group membership.
Technical support				
24.7.365 technical support				Get enterprise-level technical support when you need it.

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 [Download free trial
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Veeam Agent for Linux V4

Veeam Agent for Linux v4, a key component of the Veeam Backup & Replication, is a comprehensive backup and recovery solution for Linux-based workstations, physical servers and cloud instances. Enabling organizations to protect their heterogeneous environment from a single management console and minimize interruptions to their business.

For details on pricing, please access:

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Veeam Agent For Linux	Free	Workstation	Server	Notes
Requires Veeam Universal License	FREE DOWNLOAD	DOWNLOAD FREE TRIAL		
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.
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.
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 Oracle			✓	Create application-consistent backups with advanced application-aware processing for Oracle databases.
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.

Veeam Agent For Linux	Free	Workstation	Server	Notes
Pre-freeze/post-thaw snapshot scripts			✓	Specify scripts for application-aware processing to create transactionally consistent backups.
File indexing and search		✓	✓	A catalog of files enables effortless search of individual files, so you can find and restore a file via Veeam Backup Enterprise Manager without knowing its precise location or when it was deleted.
Backup Targets				
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 complicity. This includes HPE StoreOnce Catalyst, EMC Data Domain and ReFS.
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				
Snapshot-less 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 supports an unlimited number of backup jobs to a Cloud Connect 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, at 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	✓	✓	✓	Ensures 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.

Veeam Agent For Linux	Free	Workstation	Server	Notes
Integration with Veeam Backup & Replication				
Agent management		✓	✓	Deploy and manage backup agents via the Veeam Backup & Replication server. Please note: The license must be installed on the Veeam Backup & Replication server to enable agent management functionality.
Managed jobs			✓	The ability to 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.
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.
Search and 1-Click restore		✓	✓	Restore machine files with one click through a web UI.
Application-item recovery			✓	Utilize Veeam Explorer to search for and restore items from Oracle.
Technical Support				
24.7.365 technical support	⚠	✓	✓	Get enterprise-level technical support when you need it.

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