

veeam

Veeam Backup & Replication v11

Veeam ONE v11

Feature Comparison



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Veeam Backup & Replication v11

Veeam® Backup & Replication™ delivers powerful data protection across ALL cloud, virtual and physical workloads with a simple, flexible and reliable solution. Protect your data no matter the location or workload type. The fully featured, portable Veeam Universal License (VUL) license is the best option for any environment, whether it be on-premises, or in the hybrid- or multi-cloud.

Licensing details

Veeam has offered socket-based licenses for some time and have now pivoted to the feature-complete and portable VUL for full functionality. This document will outline the features that are available by legacy socket edition and whether or not a VUL license is required.

A VUL is required for many features, so It is always recommended that you migrate your license to a VUL for full capability. A Veeam Universal License, VUL is always required for **NAS, all physical agents, Nutanix AHV VMs, cloud-native workloads** and much more.

Workloads	Veeam Universal License	Per-socket
Environments	On premises, cloud and hybrid	On premises only
Virtual Machines: VMware vSphere, Microsoft Hyper-V & Nutanix AHV	✓	VMware & Hyper-V
ENHANCED Physical Servers, Workstations and Endpoints: Windows, Linux, NEW Mac and Unix	✓	–
ENHANCED Enterprise Apps for Microsoft, Oracle, SAP HANA and more	✓	–
NEW Cloud-native: AWS EC2 & RDS, Microsoft Azure VMs and more	✓	–
ENHANCED NAS File Shares	✓	–
More to come!	✓	–

Licensing considerations

Veeam Universal License (VUL)













- When combining VUL with a legacy socket-based license in a merged and centrally managed environment, **the socket edition and support level always takes precedence and dictates the feature edition level of the entire environment.**
- Example: Combining a Standard legacy socket license with VUL will limit certain feature capabilities like the Scale-out Backup Repository.
- If a feature isn't available across any socket license, like cloud virtual machine (VM) protection for example, it will be available when a VUL is merged with socket licenses.
- When in the presence of a socket-based license, all VMware vSphere and Hyper-V VMs, must be protected with that socket license.
- VMs on hypervisor hosts that are licensed with a socket license can now be protected with any Veeam product without needing an additional instance license, so long as the protection is managed by the same backup server. For example, protecting a Windows failover cluster vSphere VMs with Veeam Agent *for Microsoft Windows* no longer requires an instance license for the agent.

Licenses for cloud and managed service providers

VCSP Rental license functions in a similar fashion to the Subscription license, but uses a points-based system with differing capability levels.

Feature comparison

 Fully supported  Partially supported

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
BACKUP						
Support for vSphere, Hyper-V hypervisors						Complete data protection with full spectrum recovery for the market-leading hypervisors. Protect VMs, data, applications and more with the ability to instantly recover complete VMs as well as perform granular recovery of key application items.
Application-aware, image-based backups						Create application-consistent, Vmware, Hyper-v image-level VM backups with advanced, application-aware processing (transaction log backup for SQL only available in VUL, Enterprise, and Enterprise Plus editions).
AWS-native backup and recovery						Create AWS-native snapshots of Amazon Elastic Compute Cloud (Amazon EC2) and Amazon Relational Database Service (Amazon RDS) instances, including secure cross-account and cross-region configurations. Back up snapshots to Amazon Simple Storage Service (Amazon S3) for cost-effective long-term retention and compliance, or back up copy jobs to on-premises storage. Recovery options include full- and file-level recovery in AWS, plus recovery on-premises and to Microsoft Azure.
Microsoft Azure-native backup and recovery						Create Microsoft Azure-native snapshots of Azure virtual machines (VMs), including secure cross-subscription and cross-region configurations. Back up snapshots to Azure Blob hot and cool tiers for cost-effective long-term retention and compliance, or backup copy job to on-premises storage. Recovery options include full- and file-level recovery in Azure, recovery on-premises, Instant VM Recovery® and AWS.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
NAS Backup	✓				✓	Protect and recover NAS file shares (SMB and NFS) effectively and at scale. Back up directly to Veeam repositories for short and long-term storage objectives. The first 500GB in each share is free with additional capacity licensed with VUL at 500GB per license. Long-term archival support for NAS data is not available with Community edition. Please note NAS backup only works with the Veeam Universal License (VUL).
Support for macOS workloads	✓				✓	The new agent delivers managed end user data backup for any macOS device from Veeam Backup & Replication™, allowing you to seamlessly integrating Mac laptops and workstation protection into your overall data protection strategy. And, unlike the built-in Apple Time Machine software, Veeam Agent for Mac allows you to meet the 3-2-1 Rule through creating additional on-site and off-site backups with familiar Veeam features and functionality.
Microsoft Windows and Linux support	✓				✓	Deployable, managed Veeam Agents to protect physical Windows and Linux workloads with the VUL license. VMs hosted on VMware or Hyper-V and protected with a Veeam Agent will only consume a socket license when using a merged socket and VUL.
Support for Nutanix AHV hypervisor	✓				✓	Complete data protection with recovery for Nutanix hyper converged infrastructure running AHV. Protect VMs and applications(using Agents), with the ability to perform granular recovery. Plus, included is Veeam's data portability grants the ability to restore to directly to the cloud or Instantly to other Hypervisors.
Primary Snapshot Orchestration	✓	✓	✓	✓	✓	To support customers in implementation of better RTO and RPO windows, additional storage snapshots, including the option for transaction log processing, can be created on the primary storage arrays for a wide range of storage systems. Orchestration for secondary storage snapshots is included for several storage vendors in the Enterprise edition and above. (Secondary Storage snapshot orchestration requires storage vendor specific snapshot replication enabled and configured)

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
Backup Copy jobs	✓	✓	✓	✓	✓	Copy all or selected backups to your DR storage location of choice automatically, including validation and remediation to ensure copies are available and reliable. now Process log backups for SQL and Oracle. Additionally, Enterprise Application Plug-in backups like SAP HANA and Oracle RMAN are now processed. Veeam also added the option to use storage-based replication with HPE Catalyst copy for specific workloads.
End-to-end encryption	✓	✓	✓	✓	✓	Secure backup data and network transfers with end-to-end AES 256-bit encryption without any negative impact on built-in compression and WAN acceleration data reduction ratios. All editions include at-source (during backup), in-flight (network traffic) and at-rest (tape) encryption. Enterprise and Enterprise Plus editions also include lost password protection.
ROBO Guest Interaction Proxy			✓	✓	✓	Reduce the load on the central backup server and simplify scalability for enterprise-level businesses with a large number of remote office/branch offices (ROBOs) when performing application-aware processing and guest file system indexing.
Storage latency control			✓	✓	✓	Allows you to set the maximum acceptable I/O latency level for production datastores to ensure that backup and replication activities do not impact storage Availability to production workloads. Enterprise edition includes a global latency setting and Enterprise Plus edition provides setting customization on a per-datastore basis.
Proxy affinity			✓	✓	✓	Simplify job creation and map direct connections between proxies and backup repositories.
Built-in WAN Acceleration			✓	✓	✓	Get replicas and backup copy jobs off site up to 50x faster and save bandwidth. Enterprise edition supports built-in WAN Acceleration to Veeam Cloud Connect targets only, including support for up to 1 Gbps. Enterprise Plus edition supports built-in WAN Acceleration to any target.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
Backup from Storage Snapshots				✓	✓	Create image-based backups and replicas as often as necessary with little to no impact on production from the world's leading storage providers for backups from primary and secondary storage snapshots. This includes a growing list of storage alliance and ecosystem partners. (Backup from Secondary storage snapshots requires storage vendor specific snapshot replication enabled and configured)
ENTERPRISE APP BACKUP PLUGINS						
Veeam Plug-in for Oracle RMAN and SAP HANA				✓	✓	Stream SAP HANA and Oracle RMAN backups into Veeam repositories and recover with ease, leveraging native SAP and Oracle backup and restore capabilities, including simultaneous backup copies to multiple backup targets for Oracle Database Enterprise Edition. Oracle RMAN Plug-in includes support for Oracle RAC, physical ASM, Oracle container databases and Solaris. Recover with Veeam Explorer™ for Oracle when native restores aren't an option. This now includes backup copy processing, increased performance and parallel backup processing for cluster.
Veeam Plug-in for SAP on Oracle				✓	✓	This new SAP-certified Plug-in provides integrations with SAP BR*Tools to enable Oracle database backups directly to Veeam repositories with both util_file and util_file_online backup modes supported. Note that Veeam Plug-ins for Oracle RMAN and for SAP on Oracle can be used together for running backups in rman_util mode.
Veeam Plug-in for Oracle RMAN on AIX				✓	✓	These new plug-ins provide the same functionality, installation and configuration experience as its Solaris counterpart.
STORING BACKUPS						
Hardened Repository	✓	✓	✓	✓	✓	Keep your backups safe in hardened, malware- and hacker-proof repositories, with immutable backups preventing encryption and deletion by ransomware and malicious actors.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
Veeam Cloud Connect Backup		✓	✓	✓	✓	Get your backups off site with fully integrated, fast and secure backup, and restore to the cloud with one of our Veeam-powered service providers. This built-in capability makes it easy to establish a connection with a Cloud Repository, target the repository for Backup Jobs, and even backup directly to the cloud.
Scale-out Backup Repository™			✓	✓	✓	Provide an abstraction layer across individual storage devices to create a single virtual pool of backup storage for your backups. Select Performance, Capacity or Archive Tiers and Automate the entire data backup lifecycle management. With Enterprise edition, users can create two Scale-out Backup Repositories with three active extents and unlimited inactive extent (placed in maintenance mode). Enterprise Plus edition has no limitations on the number of repositories or extents. users can Now take advantage of sealed mode to seal extents for protection and security or to gracefully phase out storage devices on your schedule.
Veeam Capacity Tier			✓	✓	✓	A part of the Scale-out Backup Repository: Leverage native object storage integration with on-premises, for AWS, Microsoft Azure, IBM Cloud, Google Cloud Storage and multiple S3 compatible storage offers. This helps eliminate "public cloud tax" and vendor lock-in associated with secondary storage appliances. Veeam offers both copy and move capabilities for improving and automating redundant air-gapped storage options for long-term retention on object storage. Also, protect against ransomware with S3 object lock immutability for locking object storage repositories.
Veeam Archive Tier				✓	✓	A part of the Scale-out Backup Repository, Veeam delivers Amazon S3 Glacier (including Deep Archive) and Microsoft Azure Blob Storage Archive Tier support with the new Scale-out Backup Repository Archive Tier. Unlike hot cloud object storage, these coldest tiers have their economics tuned for the "Write Once Read Never" use case and thus are best suited for very long-term archival of GFS backups.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
Per-VM backup files			✓	✓	✓	Store each VM in a separate backup file to enhance backup performance when backing up to deduplicating storage. This is accomplished by leveraging parallel VM processing to enable multiple, concurrent write streams.
De-duplicating storage appliance integration			✓	✓	✓	Get faster backup performance by backing up to deduplicating storage integrations (Dell EMC Data Domain Boost, HPE StoreOnce Catalyst, Quantum DXi and ExaGrid Accelerated Data Mover).
Native tape support	✓	✓	✓	✓	✓	Back up files to any LTO compatible tape devices. All editions support file to tape jobs. Enterprise and above editions add tighter integration with primary backup jobs, dedicated media pool type to simplify GFS retention and global media pools to simplify the usage of multiple tape devices. Enterprise Plus and VUL also provides NDMP to tape support for NAS devices.
Veeam External Repository					✓	Veeam cloud native backups and on-premises backup copy storage targets allow for storing backups local for a copy out of the cloud.
NAS Archive Repository					✓	If you want to retain specific files for a longer period of time, with file archiving for NAS Backup jobs, Veeam Backup & Replication will move backup files and metadata files from the backup repository to an archive repository. By default, usage of the archive repository is disabled and, after the retention period for the backup repository is over, backup files are deleted.
REPLICATION						
Veeam CDP (Continuous Data Protection) ¹				✓	✓	Eliminate downtime and minimize data loss for Tier-1 VMware vSphere workloads, and perform immediate recoveries to a latest state or desired point in time with the built-in CDP functionality, achieving most stringent recovery time objective (RTO) and recovery point objective (RPO) for your disaster recovery (DR) needs.
Image-based VM replication	✓	✓	✓	✓	✓	Replicate VMs on site for High Availability or off site for DR.
Assisted failover and failback	✓	✓	✓	✓	✓	Replica rollback and assisted failover and failback.
Replication from a backup	✓	✓	✓	✓	✓	Create replicas directly from VM backup files without impacting production.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
Planned failover	✓	✓	✓	✓	✓	Facilitate data-center migrations with zero data loss.
Veeam Cloud Connect Replication		✓	✓	✓	✓	Ensure Availability of your mission-critical applications with fully integrated, fast and secure cloud-based DR through a Veeam-powered Disaster Recovery as a Service (DRaaS) provider. This built-in capability connects backup jobs, or replication activities to a Cloud Repository. In the event of disaster or other use case, replicas stored in the repository can be used for partial- or full-site failover.
1-Click failover orchestration			✓	✓	✓	Built-in failover plan orchestration enabling easy, 1-click-site failover to minimize unplanned downtime.
RECOVERY						
Instant VM Recovery	✓	✓	✓	✓	✓	Accelerate DR and lower RTOs with mass instant restores powered by Veeam's next-generation instant recovery engine, including instant recovery of anything to VMware or Microsoft Hyper-V. You can immediately start a VM from a backup file that's stored on the backup repository while increasing agility to allow the instant recovery of any Veeam backup to VMware vSphere or Hyper-V.
VM file and virtual disk recovery	✓	✓	✓	✓	✓	Recover individual VM files (such as VMX) and virtual disks from both backups and Storage Snapshots.
Instant recovery of Microsoft SQL Server and Oracle databases				✓	✓	Database won't start? Developers accidentally dropped a critical table? No problem! Recover any database from backup to the latest state or to an earlier point-in-time to any production database server or cluster (physical or virtual) in minutes regardless of its size.
Instant File Share Recovery				✓	✓	Lost your NAS or file server? Deleted an entire file share accidentally? No problem! Just publish SMB file shares from backup to the latest state, or to an earlier point-in-time, on the selected mounted server, and enable your users to instantly access their data in this temporary SMB file share while you're getting the problem fixed or data restored.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
ITEM LEVEL RECOVERY						
Instant File-Level Recovery	✓	✓	✓	✓	✓	Recover files from 19 common file systems used by Windows, Linux, BSD, Mac OS, Novell, Solaris and AIX.
Veeam Explorer™ for Storage Snapshots	✓	✓	✓	✓	✓	Restore individual VMs, guest files and application items from storage snapshots. This also includes transaction log processing in snapshot jobs for point-in-time restore from snapshots for Oracle and SQL in enterprise edition and above.
Veeam Explorer for Microsoft Active Directory	✓	✓	✓	✓	✓	Search and restore for all Active Directory (AD) object types, such as users, groups, computer accounts and contacts, including user and computer password recovery. All editions, including Community Edition, support single user and computer account restore via export in LDIFDE format or restore back to AD, plus the ability to restore passwords. Enterprise and above editions include multi-select restore and container restore, Group Policy Objects (GPO) restore, AD-integrated DNS records restore and Configuration Partition objects restore.
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.
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.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
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.
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.
SELF-SERVICE						
1-Click File and VM recovery portal for help desk operators			✓	✓	✓	Restore guest files and VMs with a single click through a web UI.
Microsoft Exchange item recovery portal for help desk operators			✓	✓	✓	Restore missing mailbox items back to the original mailbox with a single click through a web UI.
Database recovery portal for Microsoft SQL DBs			✓	✓	✓	Restore individual databases back to the original server or a new SQL server with a single click through a web UI.
Database recovery portal for Oracle DBs			✓	✓	✓	Restore Oracle databases to the original server or a new Oracle server with single click through a web UI.
Self-service file restore portal				✓	✓	File-restore portal with automatic VM detection and automatic delegation based on Local Administrator group membership.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
Recovery delegation				✓	✓	Enable full self-service for all web UI recovery features by delegating recoveries for individual VMs and groups of VMs to specific users or groups such as local IT staff, application owners, department members, etc.
Native VMware Cloud Director plug-in				✓	✓	This capability allows service providers to extend the vCloud Director tenant UI to include Veeam Backup & Replication functionality, enabling tenants to manage their own backups and restores without leaving the convenience of the vCloud Director web console. This integration is based on Veeam's existing vCloud Director Self-Service Backup & Restore Portal.
VEEAM DATALABS						
Secure Restore	✓	✓	✓	✓	✓	Scan and verify backups to increase security and reduce interruptions caused by viruses through real-time, optional antivirus scans; recover back to a safe, uncompromised restore point; agnostic support for Windows Defender, ESET, Kaspersky and Symantec Protection Engine, as well as the ability to extend to other third-party antivirus tools.
SureBackup® ²			✓	✓	✓	Automatically test and verify every backed-up VM for recoverability by running the VM directly from the backup file (no full VM restore is required), including support for custom application test scripts.
SureReplica ¹			✓	✓	✓	Automatically test and verify every VMware replica VM for recoverability, including support for custom application test scripts.
Staged Restore			✓	✓	✓	Streamline the removal process of sensitive data such as GDPR (right to be forgotten), with custom scripts and automation; test data in a fenced-off, production-like environment before safely and quickly restoring to production.
On-Demand Sandbox™			✓	✓	✓	Run one or more VMs directly from a backup in an isolated environment and have the ability to troubleshoot, test and train on a working copy of the production environment, without impacting business operations.
On-Demand Sandbox for Storage Snapshots ¹				✓	✓	Use storage snapshots to quickly create complete isolated copies of your production environment for fast and easy testing and troubleshooting.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
Data Integration API			✓	✓	✓	Enhanced data portability and platform extensibility made easier than ever for you to put your backups to work and reuse your data! Veeam connects your entire data management ecosystem by enabling the third-party applications and scripts to instantly access the content of any Veeam backup for data mining, security analysis, compliance checks, and other data reuse scenarios. By delivering the full automation needed to provide access to restore point content, Veeam enables massive time savings compared with performing these tasks manually.
MANAGEMENT						
Support for VMware vSphere and Microsoft Hyper-V	✓	✓	✓	✓	✓	Support for VMware vSphere 5.5 or later and Microsoft Hyper-V 2008 R2 SP1 or later. View both hypervisors from a single console.
Built-in management for Veeam Agents	✓	✓	✓	✓	✓	The ability to organize, automate, and deploy Windows, Linux and Mac agents with Veeam Agent protection groups. Create groups based on Active Directory or CSV files and configure custom automatic update and deployment schedules.
Guest file system indexing	✓	✓	✓	✓	✓	A catalog of guest files enabling effortless search of individual files to find and restore a file without knowing the precise file location, or the time when it was deleted. All editions provide a catalog of guest files in backups currently on disk. Enterprise and Enterprise Plus editions also provide a catalog of archived backup files, and integrate with one click to enable restores directly from search results.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
VMware Cloud Director support	✓	✓	✓	✓	✓	Back up vApp and VM metadata and attributes and restore vApps and VMs directly to vCloud with full support for fast provisioned VMs. All editions include integrated visibility of vCloud Director infrastructure, backup via VeeamZIP (including backup of vApp and VM metadata and attributes) and direct restore to vCloud. Enterprise edition supports scheduled incremental backup jobs of vCloud VMs, as well as customer portal integrations via RESTful API. Enterprise Plus supports self-service, tenant managed backup and restore via enterprise manager, as well as native vCloud Director authentication.
VMware Cloud Director Replication				✓	✓	Dedicated replication job type enables service providers to perform vApp replication within and across vCloud Director instances. The replication job processes vApp VMs and metadata (such as networking or VM start order) to create a ready-to-use replica vApp in the target vCloud Director that can be leveraged instantly in case of a disaster.
Veeam Backup Enterprise Manager – Centralized Management Web UI		✓	✓	✓	✓	Get a web-based, consolidated view of your distributed deployment in a single pane of glass, without having to login to individual backup servers, including federation of multiple backup servers, centralized reporting and consolidated alerting. Paid editions include monitoring and reporting across multiple backup servers, as well as the ability to start and stop jobs. Enterprise and Enterprise Plus editions also include full job management functionality and the ability to perform restores.
Role-Based Access Control (RBAC) ¹				✓	✓	Delegate roles and privileges to users to create, restore and monitor backups; synch permissions made in third-party delegation systems to VMware vSphere permissions; leverage individual accounts or security groups to control backup storage location and quotas; allow users to securely manage backups and restores of their own VMs through the self-service backup and restore portal for VMware vSphere with role-based access delegation rules.

Backup & Replication	Community*	Standard	Enterprise	Enterprise PLUS	VUL (non-Rental) MOST POPULAR	Description
PowerShell module				✓	✓	By popular demand, we switched from the PowerShell snap-in to the Powershell module, which can be used on any machine with the backup console installed. We also no longer require PowerShell 2.0 installed on the backup server, which is something many customers had a problems with. V11 adds 184 new cmdlets for both newly added functionalities and expanded coverage of the existing features, with a particular focus on restore functionality.
RESTful API for backup server				✓	✓	Our current Veeam Backup Enterprise Manager RESTful API has a concept of exposing functionality available in the EM web-UI only. So we're now adding RESTful API to the backup server itself as well, where we will focus on most typical backup server management needs. V11 provides the new REST API to address the most popular use cases from our customers and partners, including backup jobs and backup infrastructure management and bulk import/export for easy deployment and migrations of backup infrastructures and jobs.

¹ VMware only

² VMware and Hyper-V Only

* Community Edition is limited to 10 licenses or less

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Veeam One

Fully supported

Partially supported

Veeam One	Community FREE	Licensed Editions	VUL MOST POPULAR	Notes/ description
MONITORING AND REPORTING				
Monitoring and alerting for Veeam Backup & Replication				
Performance monitoring and alerting for backup activity				Performance monitoring and alerting for backup activity displays Veeam Backup & Replication™ jobs, including their latest state and performance statistics. Veeam ONE™ has no limitations on the number of Veeam Backup & Replication servers that can be monitored. Note that Veeam Backup & Replication Community Edition is limited to one server.
Email notification and reports				You can receive alarm notifications through a customizable email. Email customizations are not available in Veeam Backup & Replication Community Edition, and emails will not include all alarm details, such as time and affected object.
Veeam backup general reporting				Veeam ONE features a number of reports, including overviews of Veeam Backup & Replication configurations, backup infrastructure audits, compliance reporting, protected virtual machines (VMs), capacity planning, tape reports and more.
Veeam Backup for AWS and Veeam Backup for Microsoft Azure Cloud-native data protection support				Monitoring and alerting: Veeam ONE users can now monitor the backup and snapshot job statuses of cloud-based workloads through predefined alarms and notifications. Backup status reporting: A predefined protected VMs report now includes VMs that are hosted in AWS and Microsoft Azure public clouds. This helps users in verifying the data protection status of each discovered VM, based on the agreed service level agreement (SLA).
Veeam Backup for Nutanix AHV				Backup status reporting: A predefined protected VMs report now includes VMs that are hosted on Nutanix AHV. This helps users in verifying the data protection status for each discovered VM based on the agreed service level agreement (SLA).
Veeam Agent monitoring and reporting ¹				Support for Veeam backup agents includes a number of alarms and reports that help you analyze trends and determine how policies and backup jobs have evolved, as well as determine the backup status of agents, including which agents have no backup copies and how many are protected or unprotected. This is given with the backup state along with the total number of successes, warnings and failures.

Veeam One	Community FREE	Licensed Editions	VUL MOST POPULAR	Notes/ description
Veeam Cloud Connect reporting	✓	✓	✓	Reports include information about the Veeam Cloud Connect infrastructure, like user quota usage, capacity planning for cloud repositories and configuration data for cloud gateways and repositories.
Performance monitoring and alerting for Veeam Cloud Connect	✓	✓	✓	Performance monitoring and alerting for Veeam Cloud Connect displays jobs for Veeam Cloud Connect backup servers only, including their latest state and performance statistics. Note: To monitor and report on managed clients, Veeam ONE needs to be deployed at the tenant's site. Veeam Backup & Replication Community Edition is limited to one week of performance.
Heatmaps	✓	✓	✓	Heatmaps help plan resource usage and easily optimize backup activities with real-time visibility into backup repositories and proxies. Veeam Backup & Replication Community Edition is limited to three proxy servers and three repositories.
MONITORING AND ALERTING FOR VIRTUAL INFRASTRUCTURE				
Performance monitoring and alerting for virtual infrastructures	✓	✓	✓	Display virtual infrastructure hosts, datastores and statistics. In Veeam Backup & Replication Community Edition, performance graphs only show one week of performance and emails include limited alarm details.
Application-level monitoring and management	✓	✓	✓	Ensure the availability of mission-critical applications, monitor select groups of applications and create additional alarms to monitor VM service states. Make sure processes aren't exceeding available resources, identify if critical applications, like anti-virus software, have been disabled, or indicate if unwanted changes have taken place. With Veeam Backup & Replication Community Edition, you can monitor an unlimited number of applications on up to three VMs.
VMware vSphere and Microsoft Hyper-V reporting	✓	✓	✓	Individual report packs for vSphere and Hyper-V provide general configuration overviews for vCenter servers, datastores, clusters hosts and VMs, as well as SCVMMs, volumes, clusters, hosts and VMs, including information on the most common alarms raised for virtual infrastructure objects. Optimization report packs also allow users to evaluate the efficiency of resource usage and to optimize VM resource provisioning to help achieve improved output and increased ROI for virtualized environments. With Veeam Backup & Replication Community Edition, optimization reports are limited to show only three VMs and historical performance reports are limited to the last 24 hours of data.

Veeam One	Community FREE	Licensed Editions	VUL MOST POPULAR	Notes/ description
Multi-tenant reporting and monitoring		✓	✓	Delegate reporting to system administrators over a limited scope of assigned VMs (VMware vSphere only).
Infrastructure assessment: Veeam Backup & Replication	✓	✓	✓	Assessment reporting is designed to verify that your Veeam Backup & Replication installation meets all known best practices.
Virtual infrastructure assessment	✓	✓	✓	Assessment reporting is designed to verify that your VMware vSphere and/or Microsoft Hyper-V infrastructure meets all known best practices.
VMware Cloud Director (vCD) monitoring and alerting		✓	✓	Monitoring teams of service providers can track the vApp replication process between vCDs and be automatically notified about replication job failures, unprotected vApps and jobs that exceed allowed execution windows. In addition, it allows service providers to see if unplanned restore activities are performed with the distributed virtualized applications of their customers.
VMware Cloud Director (vCD) reporting		✓	✓	Service providers can determine what vApps and underlying VMs do not meet a desired RPO, audit vCD protection jobs and determine root causes of failures. They can also automate the billing process and assess what issues happened with the replication environment. Additionally, Veeam ONE widgets now provide an at-a-glance view of the vApp replication process.
REPORT CUSTOMIZATION AND AUTOMATION				
Raw data analysis		✓	✓	Create custom Microsoft Excel reports using templates you define.
Customizable, predefined report templates	✓	✓	✓	Customize and save predefined report templates to create reports that fit your specific information and formatting needs. Veeam Backup & Replication Community Edition is limited to saving one customized report template.
Automated report generation and delivery		✓	✓	Schedule reports to be automatically generated and delivered to your inbox, dashboards, web portals or archives.
General				
Business view	✓	✓	✓	From Veeam monitor, categorize and group clusters, hosts, VMs and datastores by criteria such as business unit, department, purpose and SLA. Leverage VMware Tags to assist with role-based access control and eliminate human error, including tagging sensitive data by location to meet compliance. Easily monitor apps, regardless of geographic location and categorize business view objects based on multiple parameters to gather insight on how infrastructure investments are being leveraged. You also can assign administrators to manage specific parameters.

Veeam One	Community FREE	Licensed Editions	VUL MOST POPULAR	Notes/ description
Alarm customization and modeling		✓	✓	Ensure complete monitoring coverage by creating custom alarms for events unique to your virtual environment. Model alarms against past performance data to understand potential alarm frequency and avoid inadvertent alert storms and missed events.
INTELLIGENT AUTOMATION				
Veeam Intelligent Diagnostics	✓	✓	✓	Proactive identification and alerting of known issues within your Veeam environment, providing self-support resolutions via hotfixes or reconfigurations. For Veeam Backup & Replication Community Edition, all of the alarms will continue to work but the details for each alarm will not be shown.
Remediation actions	✓	✓	✓	Predefined and automated resolution of common backup and virtual infrastructure-related issues with self-healing remediation actions help to reduce IT management costs. With Veeam Backup & Replication Community Edition, remediation actions are available, but require manual approval.
Predefined performance dashboards for backup and virtual infrastructures	✓	✓	✓	Get at-a-glance views of backup jobs and the backup infrastructure, as well as view the VMs, hosts and clusters that are the highest consumers of CPU, memory, network and datastore resources. Also, view datastore utilization metrics, including metrics relating to VM snapshots and guest disk space usage.
Customized reporting dashboards	✓	✓	✓	Create your own at-a-glance views of your virtual environment. Veeam Backup & Replication Community Edition allows for one customized reporting dashboard to be created.
CAPACITY PLANNING: VMWARE VSPHERE AND MICROSOFT HYPER-V				
Capacity planning: VMware vSphere and Microsoft Hyper-V		✓	✓	Individual report packs for VMware vSphere and Microsoft Hyper-V are designed to forecast when the available virtual infrastructure resources will reach their minimum levels. The packs provide recommendations on resource allocation and load balancing to optimize performance and resource utilization in your respective virtual environment and to avoid possible performance bottlenecks.
Deployment project reports		✓	✓	Leverage fully automated "what-if" modeling scenarios to safely add or remove VMs or hosts from your infrastructure and to accurately calculate the required resources needed for each project.

Veeam One	Community FREE	Licensed Editions	VUL MOST POPULAR	Notes/ description
CHARGEBACK AND BILLING				
Chargeback analysis reports		✓	✓	Chargeback reports help you understand the costs associated with individual virtual infrastructure users, as well as help you perform chargeback by analyzing VM configuration and resource usage, including CPU, memory and storage. Four reports are included: Host Configuration Chargeback, Host Resource Usage Chargeback, VM Configuration Chargeback and VM Performance Chargeback.
Veeam backup: Billing	✓	✓	✓	This report provides chargeback capabilities for Veeam Backup & Replication and helps assess storage management costs for backup and replication operations, providing data that can be used in financial and billing reports.

¹ Excludes Veeam Agents for IBM AIX and Oracle Solaris



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