Veeam Backup & Replication

Veeam ONE

Feature Comparison

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Veeam® Backup & Replication™ delivers powerful data protection across ALL cloud, virtual and physical workloads in 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 hybrid- or multi-cloud deployments.

Licensing details

Veeam has previously offered socket-based licenses and have now pivoted to the feature-complete and portable VUL for full functionality across workloads and environments. This document will outline the features that are available by license type.

VUL is required for many features, so it is always recommended that you migrate your license to 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, Mac, Oracle Solaris and IBM AIX	✔	–
ENHANCED Enterprise Apps for Microsoft, Oracle, SAP HANA and more	✔	–
ENHANCED Cloud-native backup and recovery for AWS, Microsoft Azure and Google Cloud Platform	✔	–
ENHANCED NAS File Shares	✔	–
More to come!	✔	–

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Licensing considerations

Veeam Universal License (VUL) along with a Socket License

If you still use a socket license, we recommend you talk to your sales representative about migrating it to VUL for the ultimate capability and flexibility. However, if you must continue using sockets, please be aware of the following limitations:

- 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: Combing a Standard legacy socket license with VUL will restrict certain platform capabilities like the Scale-out Backup Repository.
- If a feature isn't available with a socket license, like cloud machine protection for example, it will be available when a VUL is merged with socket licenses.
- In the presence of a socket license, **all VMware vSphere and Microsoft Hyper-V VMs must consume a socket license**. You **cannot** use VUL to protect some of your VMware and Hyper-V VMs and Sockets to protect others. Nutanix AHV and Red Hat Virtualization (RHV) requires the VUL license. Migrating socket licenses to VUL gives the freedom to protect all workloads regardless of hypervisor, OS, workload or environment.
- VMs on hypervisor hosts that are licensed with a socket license can now be protected with any Veeam product without needing an additional VUL license, so long as the protection is managed by the same backup server. For example, protecting a Windows failover cluster based on vSphere VMs with Veeam Agent *for Microsoft Windows* does not additionally consume a VUL license for the agent.

Licenses for Veeam cloud and managed service providers (VCSP)

VCSP Rental license functions in a similar fashion to the Subscription license, but uses a point-based system with point consumption depending on capability levels. For more information, please refer to your VCSP licensing documentation or speak with your Service Provider.

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Veeam Backup & Replication™

✔ Fully supported ✔ Partially supported

Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	Description
BACKUP						
Support for VMware vSphere and Microsoft 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.
Support for Nutanix AHV hypervisor	✔				✔	Complete data protection with full spectrum recovery. Protect VMs, data, applications and more with the ability to instantly recover complete VMs as well as perform granular recovery of key application items.
Support for Red Hat Virtualization hypervisor	✔				✔	Data protection and granular recovery for Red Hat Virtualization hypervisor VMs, data and applications.
Application-aware, image-based backups	✔	✔	✔	✔	✔	Create application-consistent, VMware, Hyper-V, and Nutanix AHV image-level VM backups with advanced, application-aware processing (transaction log backup for Oracle and SQL Server requires Enterprise or higher edition).
AWS-native backup and recovery					✔	Create AWS-native snapshots of Amazon EC2, Amazon RDS and Amazon EFS, as well as Amazon VPC backup. Automatically tier backups to Amazon S3 , S3 Glacier and S3 Glacier Deep Archive. Restore options include full- and file-level recovery in AWS, recovery on-premises, Instant VM Recovery® and recovery to Microsoft Azure and Google Cloud Platform.
Microsoft Azure-native backup and recovery					✔	Create Azure-native snapshots of Azure VMs, as well as Azure SQL Database backup. Automatically tier backups to Azure Blob storage tiers and Azure Archive Storage. Restore options include full- and file-level recovery in Azure, recovery on-premises, Instant VM Recovery® and recovery to AWS and Google Cloud Platform.
Google-native backup and recovery					✔	Create Google-native snapshots of Google Cloud Platform Compute Engine instances. Automatically tier backups to Google Cloud Storage, including Archive Storage. Restore options include full- and file-level recovery in Google Cloud, recovery on-premises, Instant VM Recovery® and recovery to AWS and Microsoft Azure.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	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 file version archival support for NAS data is not available with Community edition.
Agents for Microsoft Windows, Linux and MacOS	✓				✓	Agent-based backup for Windows, Linux and MacOS servers and workstations with automated deployment and management directly within the backup console.
Agents for AIX and Solaris					✓	Agent-based backup for AIX and Solaris servers and workstations to Veeam backup repositories.
Backup Copy jobs	✓	✓	✓	✓	✓	Copy any backups to your DR storage location of choice automatically, including validation and remediation to ensure copies are available and reliable.
End-to-end encryption	✓	✓	✓	✓	✓	Secure the 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. VUL, Enterprise Plus and Enterprise editions includes lost password protection.
ROBO Guest Interaction Proxy			✓	✓	✓	Reduce the load on the central backup server, improve scalability and simplify networking for environments with a large number of remote office/branch offices (ROBOs) when performing application- aware processing and guest file system indexing.
Proxy affinity			✓	✓	✓	Avoid cross-node network traffic across multiple all-in-one Veeam appliances by associating backup proxies and backup repositories located on the same appliance together.
Storage latency control			✓	✓	✓	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. VUL and Enterprise Plus edition enables setting customization on a per-datastore basis.
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. VUL and Enterprise Plus edition supports built-in WAN Acceleration to any target.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	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.
Primary Snapshot Orchestration	✔	✔	✔	✔	✔	To support customers in implementation of better RTO and RPO windows, additional storage snapshots, including the option for Oracle and SQL Server transaction log backup, 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 VUL and Enterprise Plus edition.
ENTERPRISE APP BACKUP PLUGINS						
Veeam Plug-in for Oracle RMAN, SAP HANA and SAP on Oracle				✔	✔	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 Supported platforms for databases are Microsoft Windows, Linux, Solaris and AIX.
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.
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.
VMware Cloud Director Backup	✔	✔	✔	✔	✔	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. VUL and Enterprise Plus supports self-service, tenant managed backup and restore via enterprise manager, as well as native vCloud Director authentication.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	Description
Scale-out Backup Repository™ (SOBR) with object storage support			✓	✓	✓	Provide an abstraction layer across individual storage devices to create a single virtual pool of backup storage for your backups, with Performance, Capacity and Archive Tiers automating management for the entire backup lifecycle. With Enterprise edition, users can create two Scale-out Backup Repositories with three active extents and unlimited inactive extent (placed in maintenance mode). VUL and Enterprise Plus edition have no limitations on the number of repositories or extents.
SOBR Capacity Tier			✓	✓	✓	Leverage native object storage integration with AWS, Microsoft Azure, IBM Cloud, Google Cloud Storage and most S3-compatible object storage offerings for on-premises and in the cloud without "cloud tax" and vendor lock-in associated with secondary storage appliances. Protect your backups against ransomware and malicious actors with S3 Object Lock based immutability.
SOBR Archive Tier				✓	✓	Reduce the costs of long-term data archival and retention by up to 20 times and replace manual tape management with new native support for Amazon S3 Glacier (including Glacier Deep Archive) and Microsoft Azure Archive Storage through end-to-end backup life cycle management.
Per-VM backup files			✓	✓	✓	Store each VM in a separate backup file to enhance backup performance when backing up to enterprise-grade storage and deduplicating storage appliances. 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 Backup to Tape jobs for 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. VUL and Enterprise Plus also provide NDMP support for NAS device protection.
Veeam External Repository					✓	Connect to object storage repositories managed by cloud-native Veeam backups, offering to perform restores from those backups, or copy them out of the cloud to achieve the 3-2-1 rule compliance.
File versions archiving					✓	Archive all or only specific file versions for a longer period of time with file share backup jobs.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	Description
REPLICATION						
Veeam CDP (Continuous Data Protection)[1]				✔	✔	Eliminate downtime and minimize data loss for Tier-1 VMware workloads with built-in CDP and achieve immediate recoveries to a latest state or desired point in time providing the best recovery point objectives (RPOs).
Image-based VM replication	✔	✔	✔	✔	✔	Replicate VMs periodically 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 backup files without impacting production.
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. 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.
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.
RESTORE						
Entire VM restore	✔	✔	✔	✔	✔	Restore selected VMs to the original or a new location.
VM disks and files restore	✔	✔	✔	✔	✔	Restore individual virtual disks and other VM files (such as VMX) from both backups and Storage Snapshots.
Direct Restore to AWS, Azure, and Google Cloud Platform	✔	✔	✔	✔	✔	Restore or migrate on-premises, Windows based or Linux-based VMs, physical servers and endpoints directly to AWS, Microsoft Azure, and Google Cloud Platform.
INSTANT RECOVERY						
Instant VM Recovery	✔	✔	✔	✔	✔	Accelerate DR and lower RTOs with Veeam's patented instant recovery engine. Restore ANY backup instantly to a VMware, Microsoft Hyper-V or Nutanix AHV VM by running it directly from backup.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	Description
Instant disk recovery	✔	✔	✔	✔	✔	Reduce your instant recovery footprint by instantly restoring only the required disks of large vSphere VMs, as opposed to restoring the entire VM (for example only OS disk, or only data disks).
Instant database recovery			✔	✔	✔	Instantly recover any Microsoft SQL Server and Oracle 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	✔	✔	✔	✔	✔	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.
FILE & ITEM LEVEL RECOVERY						
File-Level Recovery	✔	✔	✔	✔	✔	Recover files from 19 common file systems used by Windows, Linux, BSD, Mac OS, Novell, Solaris and AIX directly from image-level backup.
Veeam Explorer™ for Storage Snapshots	✔	✔	✔	✔	✔	Restore individual VMs, guest files and application items from storage snapshots.
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 support single user and computer account restore (including the ability to restore passwords) as well as export into LDIFDE format. 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. VUL, Enterprise Plus and Enterprise editions support restoring back to the original mailbox.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	Description
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 support local, point-in-time SQL database file restores. VUL, Enterprise Plus and Enterprise 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.
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 support SharePoint item restore via save, send and export. VUL, Enterprise Plus and Enterprise editions also support entire-site restore, as well as restore to the original location.
Guest file system indexing	✓	✓	✓	✓	✓	A catalog of guest files enabling effortless search of individual files to find and restore a file without knowing its precise location, or the time when it was deleted. All editions provide a catalog of guest files in backups currently on disk. VUL, Enterprise Plus and Enterprise editions also provide a catalog of archived backup files and integrate with one click to enable restores directly from search results.
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. Includes 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. VUL and Enterprise Plus edition also provides a simple user interface for database restores in emergency situations from native RMAN backups.
DATALABS						
Secure Restore	✓	✓	✓	✓	✓	Increase security and reduce interruptions caused by viruses and recover back to a safe, uncompromised restore point through optional antivirus scan directly in backup files prior to recovery; 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 recoverability of every backup by running the VM directly from a backup file in a fenced-off copy of your production environment, including support for custom application test scripts.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	Description
SureReplica[1]			✓	✓	✓	Automatically test and verify recoverability of every replica by performing a failover to a fenced-off copy of your production environment, including support for custom application test scripts.
Staged Restore			✓	✓	✓	Clean up sensitive data from the selected restore point in a fenced-off copy of your production environment before restoring the modified VM state to production.
On-Demand Sandbox™			✓	✓	✓	Run one or more VMs directly from a backup a fenced-off copy of your production environment to troubleshoot issues, test upgrades, train staff on a working copy of the production environment, without impacting business operations.
On-Demand Sandbox from Storage Snapshots[1]				✓	✓	Use storage snapshots to quickly create fenced-off copies of your production environment operating at full I/O performance.
Data Integration API			✓	✓	✓	Put your backups to work and reuse your data by enabling 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.
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.
Microsoft SQL Server database recovery portal for SQL DBAs			✓	✓	✓	Restore individual databases back to the original server or a new SQL server with a single click through a web UI.
Oracle database recovery portal for Oracle DBAs			✓	✓	✓	Restore Oracle databases to the original server or a new Oracle server with a single click through a web UI.
Self-service file restore portal				✓	✓	File-restore portal with automatic VM detection and automatic delegation based on the Local Administrator group membership.
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.

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Backup & Replication	Community*	Standard Socket	Enterprise Socket	Enterprise PLUS Socket	VUL	Description
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.
Role-Based Access Control (RBAC)1				✔	✔	Allow users to securely manage and monitor backups and restores of their own VMs through the self-service backup and restore portal for VMware vSphere with access delegation rules based on vSphere role, VM privilege or VM tags.
MANAGEMENT						
Built-in management for Veeam Agents	✔				✔	The ability to organize, automate, and deploy Windows, Linux and Mac agents with protection groups based on Active Directory containers or CSV files and configure custom automatic update and deployment schedules.
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. VUL, Enterprise Plus and Enterprise editions also include full job management functionality and the ability to perform restores.
PowerShell module	✔	✔	✔	✔	✔	Use PowerShell Cmdlets to create custom workflows and automate Veeam tasks
RESTful API				✔	✔	Integrate into existing systems and execute and automate Veeam tasks using the RESTful API framework. Service Providers using rental licenses have API access across all editions.

[1] VMware only

[2] VMware and Hyper-V Only

* Community Edition is limited to 10 licenses

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Veeam ONE™

✔ Fully supported ✔ Partially supported

Veeam ONE	Community	Socket-based	VUL	Notes/ description
MONITORING AND REPORTING				
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 ONE 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 ONE Community Edition, and emails will not include all alarm details, such as time and affected object.
Veeam backup general reporting	✔	✔	✔	Veeam ONE features several 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*, Veeam Backup *for Microsoft Azure*, and Veeam Backup *for Google Cloud Platform*- 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, Microsoft Azure and Google Cloud Platform 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).

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Veeam ONE	Community	Socket-based	VUL	Notes/ description
Veeam Agent monitoring and reporting	✔	✔	✔	Support for Veeam backup agents includes several 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 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 ONE 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 ONE 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 ONE 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 ONE Community Edition, you can monitor an unlimited number of applications on up to three VMs.

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Veeam ONE	Community	Socket-based	VUL	Notes/ description
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 ONE Community Edition, optimization reports are limited to show only three VMs and historical performance reports are limited to the last 24 hours of data.
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	✓	✓	✓	Companies want to stay ahead of the issues impacting their virtual datacenters and ultimately their customers. To help, Veeam provides capabilities for monitoring teams of service providers to track the availability and configuration of their virtual data centers, including organizations and vApps.
VMware Cloud Director (VCD) reporting	✓	✓	✓	Businesses want to ensure that they are using the ideal configuration and optimizing their resources to get the most out of their virtual infrastructure when building and maintaining virtual data centers to provide a reliable service to their customers.
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 ONE 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.

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Veeam ONE	Community	Socket-based	VUL	Notes/ description
GENERAL				
Business view	✔	✔	✔	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.
Alarm customization and modelling		✔	✔	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 ONE 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 ONECommunity 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 ONE Community Edition allows for one customized reporting dashboard to be created.

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Veeam ONE	Community	Socket-based	VUL	Notes/ description
CAPACITY PLANNING				
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.
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.

Learn more
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