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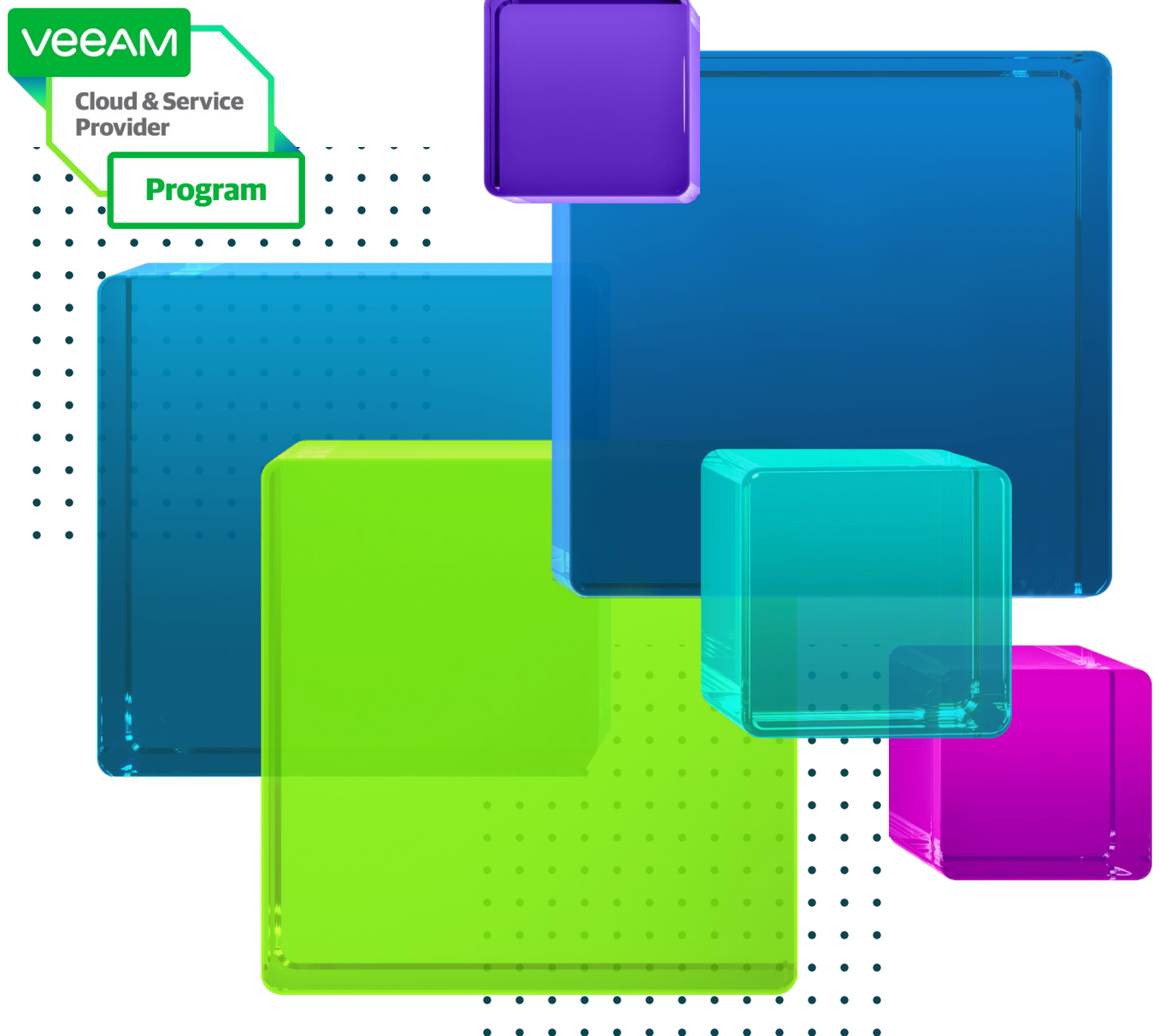
Veeam Data Platform

Veeam Backup & Replication

Veeam ONE

Veeam Recovery Orchestrator

Feature Comparison



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The Veeam Data Platform provides organizations with data resiliency through secure backup and fast, reliable recovery solutions for their hybrid cloud. For Veeam Cloud & Service Provider (VCSP) partners, Veeam Backup & Replication, the foundation of the Veeam Data Platform, is available in three editions – Standard, Enterprise and Enterprise *Plus*.

Each edition has varying features and support which is outlined in this guide. Most VCSP partners choose at minimum the Enterprise edition for their clients to meet compliance requirements. Veeam recommends the Enterprise *Plus* edition for comprehensive modern data protection.

VCSP Program Overview

The VCSP program was designed with service providers in mind with purpose-built products, partner perks and go-to-market strategies for Backup as a Service (BaaS) and Disaster Recovery as a Service (DRaaS) offerings. To ensure our BaaS and DRaaS provider partners are effectively enabled, Veeam is committed to offering:

- Expanded license usage rights to manage and protect third-party data with Veeam
- A pay-as-you-grow pricing program that aligns to a recurring revenue model
- Licenses that unlock data protection and value-added services for any customer, any workload and any cloud
- Purpose-built products and partner portals designed to onboard customers, unlock capabilities and report monthly usage efficiently

VCSP Rental Licensing

While some solutions in the Veeam Data Platform maintain a standalone license style, most solutions in the VCSP program can be unlocked with a Veeam Universal License for *VCSP Rental*. This portable, points-based license ensures you can protect virtual machines (VMs), servers, workstations and more without being locked in to a workload-specific or location-locked license. Plus, add-on products that provide capabilities for monitoring, reporting, multi-tenant off-site backup and more leverage the same universal license concept to unlock value-added services for Veeam backup workloads. To learn more about VCSP rental licensing, reporting and point rates, view the [VCSP Rental Usage Report Guide](#).

Backup and Recovery powered by Veeam Backup & Replication™

Fully supported

Partially supported

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise PLUS Rental	Description
BACKUP				
Support for VMware and Microsoft Hyper-V 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				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 backups through advanced, application-aware processing for granular recovery. Transaction log backup for Oracle and PostgreSQL Server requires Enterprise edition or higher).
ENHANCED AWS- native backup and recovery				Create 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, including immutability via Amazon S3 Object Lock. Full- and file-level recovery options include cross-account, cross-region and cross-platform (e.g., on-premises or another cloud).
ENHANCED Microsoft Azure- native backup and recovery				Create native snapshots of Azure VMs and backups for Azure SQL and Azure Files. Automatically tier backups to Azure Blob and Azure Archive Storage, including immutability via Immutable Storage for Azure Blob tiers and Azure Archive Storage. Full- and file-level recovery options include cross-subscription, cross-region and cross-platform (e.g., on-premises or another cloud).
ENHANCED Google- native backup and recovery				Create native snapshots of Compute Engine VMs and backups for Cloud SQL for MySQL and PostgreSQL. Automatically tier backups to Google Cloud Storage, including Archive Storage. Full- and file-level recovery options include cross-project, cross-region and cross-platform (e.g., on-premises or another cloud).
ENHANCED 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. Write NAS backups to disk, tape or object storage targets. The first 500GB in each share is free with additional capacity licensed at 500GB per license.

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise PLUS Rental	Description
ENHANCED 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.
NEW Cloud-integrated Agents		✓	✓	Create application-aware backups of AWS EC2 and Microsoft Azure VMs using cloud-optimized Veeam Agents. Optimizations include writing backups directly to object storage, utilizing AWS and Microsoft Azure services for workload discovery and inclusion/exclusion, and independent operation without direct network connectivity.
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 encryption at-source, in-flight and at-rest. Enterprise Plus and Enterprise editions includes lost password protection.
Primary Snapshot Orchestration	✓	✓	✓	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 the Enterprise Plus edition.
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. 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. Enterprise Plus edition supports built-in WAN Acceleration to any target.
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 you can view here .

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise <i>PLUS</i> Rental	Description
ENTERPRISE APP BACKUP PLUGINS				
Veeam Plug-in for Oracle RMAN, SAP HANA and SAP on Oracle			✓	Stream Oracle RMAN, SAP HANA and SAP on Oracle backups into Veeam repositories and recover with ease by leveraging native backup and restore capabilities. Enterprise plug-ins can be deployed to Linux, AIX, Solaris and Microsoft Windows operating systems. This includes central management on both Windows and Linux.
NEW Veeam Plug-in for Microsoft SQL			✓	Enable native Microsoft SQL Server backups directly to Veeam storage repositories. Integration with Microsoft SQL Server Management Studio simplifies backup and recovery administration tasks.
STORING BACKUPS				
ENHANCED Object storage	✓	✓	✓	Directly back up to any object storage on-premises or in the public cloud with ransomware protection immutability provided by storage vendors. Standard edition supports only recovery operations from object storage.
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 VMware Cloud 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 <i>Plus</i> supports self-service, tenant managed backup and restore via enterprise manager, as well as native VMware Cloud Director Plug-in.
Scale-out Backup Repository™ (SOBR)		✓	✓	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. Enterprise <i>Plus</i> edition has no limitations on the number of repositories or extents.

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise <i>PLUS</i> Rental	Description
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 or cloud-based repositories. Protect your backups against malicious actors with S3 Object Lock based immutability. Other capabilities include the ability to move inactive backup chains to the capacity extent, copy new backup files, move data from capacity extents back to performance extents and restore data from the Capacity Tier without having to create a new SOBR.
SOBR Archive Tier			✓	Reduce the cost 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.
Move and Copy backup files	✓	✓	✓	Move or copy backup files across multiple jobs or repositories to easily achieve the desired RPO, rebalance backup storage or manage migration scenarios.
De-duplicating storage appliance integration		✓	✓	Attain 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. 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. Enterprise <i>Plus</i> also provides NDMP support for NAS device protection.
Veeam External Repository			✓	Connect to object storage repositories managed by cloud-native Veeam backups, which offer 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.
REPLICATION				
ENHANCED Veeam CDP (Continuous Data Protection) ¹			✓	Eliminate downtime and minimize data loss for Tier-1 VMware and Cloud Director workloads with built-in CDP and achieve immediate recovery 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.

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise PLUS Rental	Description
Planned failover	✓	✓	✓	Facilitate data-center migrations with zero data loss.
Veeam Cloud Connect Replication	✓	✓	✓	Ensure the 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 VMware Cloud 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 VMware Cloud 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.
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.
Instant disk recovery	✓	✓	✓	Reduce your instant recovery footprint by instantly restoring only the required disks of large VMware 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. Recover to any production database server or cluster (physical or virtual) in minutes regardless of its size.
Instant file share recovery	✓	✓	✓	Instantly restore SMB file shares directly from backups to allow users to continue day-to-day operations quickly and easily migrate all the changes made from SMB shares to production. For NFS file shares, leverage the publishing functionality to provide read-only access to data stored in the backup.

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise <i>PLUS</i> Rental	Description
FILE & ITEM LEVEL RECOVERY				
File-Level Recovery	✓	✓	✓	Directly recover files from Windows, Linux, BSD, Mac OS, Novell, Solaris and AIX.
Compare with Production	✓	✓	✓	Easily compare files from backups with the production file system to view and recover only changed files. Available for image-level backups only. Standard edition can compare and view only. Enterprise and Enterprise <i>PLUS</i> can compare, view and restore to production.
Permissions Recovery		✓	✓	Restore lost or modified permissions to an existing file. Available for image-level Windows backups.
Veeam Explorer™ for Storage Snapshots	✓	✓	✓	Restore individual VMs, guest files and application items from storage snapshots.
NEW Veeam Explorer for PostgreSQL	✓	✓	✓	Restore and publish PostgreSQL instances to the original or different server with ease, without extensive PostgreSQL administration background. Recovery of PostgreSQL instances is available with Enterprise edition or higher.
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 password restoration) 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 support Exchange mailbox item restore via save, send and PST export. Enterprise <i>Plus</i> and Enterprise 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 support local, point-in-time SQL database file restores. Enterprise <i>Plus</i> 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. Enterprise <i>Plus</i> and Enterprise editions also support entire-site restore, as well as restore to the original location.

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise <i>PLUS</i> Rental	Description
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. Enterprise <i>Plus</i> 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. Enterprise <i>Plus</i> 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.
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.

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise <i>PLUS</i> Rental	Description
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.
Native VMware Cloud Director plug-in			✓	This capability allows service providers to extend the VMware Cloud Director tenant UI to include Veeam Backup & Replication™ functionality, enabling tenants to manage their own backups and restores without leaving the convenience of the VMware Cloud Director web console. This integration is based on Veeam's existing VMware Cloud 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, macOS, AIX and Solaris 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	✓	✓	✓	Access a web-based, consolidated view of your distributed deployment in a single pane of glass, including centralized monitoring, reporting and consolidated alerting across multiple backup servers, plus the ability to start and stop jobs. Enterprise <i>Plus</i> and Enterprise editions include full job management functionality and the ability to perform restores.
PowerShell module	✓	✓	✓	Use PowerShell Cmdlets to create custom workflows and automate Veeam tasks

Backup & Replication	Standard Rental	Enterprise Rental	Enterprise <i>PLUS</i> Rental	Description
RESTful API	✓	✓	✓	Integrate into existing systems and execute and automate Veeam tasks using the RESTful API framework.
Built-in management for Veeam Plug-ins			✓	Simplify operations with centralized management capabilities to organize, automate and deploy Oracle RMAN, SAP HANA and SAP on Oracle database plug-ins including creation of application backup policies.
SECURITY				
ENHANCED Immutability	✓	✓	✓	Immutability is provided by hardened repository for all editions. For object storage immutability the Enterprise edition or higher is required.
NEW Multi-factor Authentication (MFA)	✓	✓	✓	Enhance Veeam Backup & Replication access control by enabling multifactor authentication for backup console users.
NEW Deployment in Kerberos-only environments	✓	✓	✓	Move security to a new level with the possibility to run all Veeam components in the Kerberos-only environments.
Veeam Best Practice Analyzer	✓	✓	✓	Perform an automated backup server configuration check against best practice guidelines to understand how backup infrastructure can be improved to address potential security concerns.
Deployment in IPv6 environments	✓	✓	✓	Veeam backup infrastructures are fully prepared to operate in the modern data centers configured with IPv6 networking.
FIPS compliance	✓	✓	✓	Veeam backup infrastructure components use FIPS-compliant cryptographic APIs and modules.
Audit capabilities	✓	✓	✓	Track user actions and backup activities with Windows events and gain complete transparency over file level restore operations via specifically designed audit files.

¹VMware only

²VMware and Hyper-V Only



Learn more
veeam.com



Monitoring and Analytics powered by Veeam ONE™

✓ Fully supported

✓ Partially supported


Veeam ONE	Rental	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.
Email notification and reports	✓	You can receive alarm notifications through a customizable email. 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 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	✓	Support for Veeam backup agents includes several alarms and reports that help you analyze trends and determine how policies and backup jobs have evolved. This includes the backup status of agents, including which agents have no backup copies and how many are protected or unprotected.
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.
Heatmaps	✓	Heatmaps help plan resource usage and easily optimize backup activities with real-time visibility into backup repositories and proxies.
MONITORING AND ALERTING FOR HYBRID CLOUD		
Veeam Backup for AWS, Veeam Backup for Microsoft Azure, and Veeam Backup for Google 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, Microsoft Azure and Google Cloud public clouds. This helps users in verifying the data protection status of each discovered VM, based on the agreed service level agreement (SLA).
Reporting	✓	Get detailed visibility of protected and unprotected services from your Public Cloud. Supports AWS (EC2, RDS, EFS, VPC), Microsoft Azure (Virtual Machines, SQL Database, Azure Files) and Google Cloud Platform (Compute Engine, Cloud SQL).


Veeam ONE	Rental	Notes/ description
Alarms for Real-time Data Protection Visibility	✓	For Veeam ONE Client protected cloud workloads Virtual Machines, Databases, VPC, and File Shares. Additionally, to the last backup status and date, the last Backup Copy and Last Archive have been introduced for full data retention visibility.
MONITORING AND ALERTING FOR VIRTUAL INFRASTRUCTURE		
Performance monitoring and alerting for virtual infrastructures	✓	Display virtual infrastructure hosts, datastores and statistics.
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.
VMware and Microsoft Hyper-V reporting	✓	Individual report packs for VMware and Hyper-V provide general configuration overviews for vCenter servers, datastores, clusters hosts and VMs, as well as SCVMMs, volumes, clusters, hosts and VMs. This includes 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.
Multi-tenant reporting and monitoring	✓	Delegate reporting to system administrators over a limited scope of assigned VMs (VMware 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 and/or Microsoft Hyper-V infrastructure meets all known best practices.
VMware Cloud Director (VCD) monitoring and alerting	✓	Veeam provides capabilities to help service provider monitoring teams track the availability and configuration of their virtual data centers, including organizations and vApps.
VMware Cloud Director (VCD) reporting	✓	Ensure the use of ideal configurations and optimized resources to get the most out of virtual infrastructure when building and maintaining virtual data centers to provide a reliable service to customers.
REPORT AND ALARM 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.
Automated report generation and delivery	✓	Schedule reports to be automatically generated and delivered to your inbox, dashboards, web portals or archives.
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.










Veeam ONE	Rental	Notes/ description
GOVERNANCE AND COMPLIANCE		
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.
INTELLIGENT AUTOMATION		
Veeam Intelligent Diagnostics	✓	Proactive identification and alerting of known issues within your Veeam environment, providing self-support resolutions via hotfixes or reconfigurations.
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.
DASHBOARDS		
Predefined performance dashboards for backup and virtual infrastructures and Veeam Backup for Microsoft 365*	✓	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.
CAPACITY PLANNING		
Capacity planning: VMware vSphere and Microsoft Hyper-V	✓	Individual report packs for VMware 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.


*At no extra cost

Recovery Orchestration powered by Veeam Recovery Orchestration

 Fully supported

 Partially supported

Veeam ONE	Rental	Notes/ description
RECOVERY ORCHESTRATION & AUTOMATION		
1-Click Mass Recovery		Enable application owners to securely recover single apps or an entire site with a single click. Execute DR plans to achieve automated recovery at scale.
Recovery to Cloud		Orchestrated Direct Restore to Azure gives your business additional resiliency with disaster recovery to the cloud. Orchestrate recovery of any backup as a VM in Azure, featuring automated mapping of VM resources and cloud networking.
Clean Recovery		During recovery, use automated virus scans through multiple restore points until the most recent clean one is found. Regularly scan restore points during DataLab testing, with the results shown in dashboards and reports for improved visibility.
DataLabs Mangement		DataLabs tests simulate disaster recovery outcomes, with fully automated DR testing in an isolated network without impacting production systems, including detailed reporting. Create and schedule DataLabs to allow application teams to safely and securely test upgrades, patches and more.
RBAC and Scopes		Granular role-based access control combined with customizable scopes allows administrators full control over access to recovery resources, allowing secure delegation of DR planning and testing to specialist teams and offloading backup administrators.
DASHBOARDS & REPORTING		
Dynamic Documentation		Autogenerated reports for DR Plan definitions, checks, tests and executions remove the burden of documentation production from front-line staff. Documentation is produced in two formats, with full details for deep-dive analysis and an executive summary.
Compliance monitoring for RTO & RPO		Meet business needs with RTO and RPO monitoring and reporting dashboard. Display achieved RTOs & RPOs against desired targets for each DR Plan providing an at-a-glance view of SLA compliance.
Scheduled Readiness Checks		Pre-recovery, detailed readiness check documents ensure you are prepared for any disaster, by checking available restore points, critical infrastructure and required credentials.
DR Plan Auditing		Continuous tracking of DR plan changes, logged with timestamp and user name, allow detailed analysis of plan history.

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