Veeam Data Platform

Veeam Backup & Replication
Veeam ONE
Veeam Recovery Orchestrator

Feature Comparison

Contents

Veeam Data Platform® offers several options packaged to deliver relentless security, fast, reliable recovery and complete data freedom. Whether you're just getting started or you're managing a large enterprise operation, Veeam has a flexible option for you. The Veeam Universal License (VUL) is a game-changing portable license that allows you the flexibility to protect Cloud, Virtual and Physical workloads interchangeably no matter where you are on your hybrid journey. The extremely capable backup, monitoring and recovery features of Veeam Data Platform are ready to keep your business running.

Licensing details

The fully featured, portable Veeam Universal License (VUL) is how the Veeam Data Platform is licensed, enabling support across any environment, whether it be on-premises, or in hybrid- or multi-cloud deployments, including full feature capability for all workload types, including VMware, Hyper-V, AWS, Azure, Google Cloud, Windows, Linux, macOS, Nutanix, Oracle Linux Virtualization Manager, Red Hat Virtualization, Proxmox VE and much more. This document outlines the features that are available by the proper Veeam Data Platform edition.

If you need detail for cross-referencing legacy socket-based licensing which ceased sale in 2023, please see this asset.

Workloads	Veeam Universal License
Environments	**On premises, cloud and hybrid**
Virtual Machines: VMware vSphere, Microsoft Hyper-V, Nutanix AHV, Oracle Linux Virtualization Manager, Red Hat Virtualization & Proxmox VE	**Yes**
Enhanced Physical Servers, Workstations and Endpoints: Windows, Linux, macOS, Oracle Solaris and IBM AIX	**Yes**
Enhanced Enterprise Apps for Microsoft, Oracle, SAP HANA, MongoDB and more	**Yes**
Enhanced Cloud-native backup and recovery for AWS, Microsoft Azure and Google Cloud	**Yes**
New Object Storage backup and NAS File Shares	**Yes**
More to come!	

Licenses for Veeam cloud and managed service providers (VCSP)

VCSP Rental licenses function in a similar way to subscription licenses, but uses a point-based system with point consumption that depends on capability levels. For more information, please refer to your VCSP licensing documentation or speak with your service provider. Service Providers can access the VCSP Feature Comparison guide on **Pro**Partner Portal.

Veeam Data Platform

	Secure Foundation			Cyber Resilience				Enterprise Resilience		
	Zero Trust Data Resilience	Generative AI	Detect + Identify Threats	Security and Observability				Recovery Orchestration and Compliance		
	Data Protection & Verified Recovery	AI Assistant	AI-powered Malware Detection	Proactive Threat Hunting	Security Integrations	Analytics, Discovery & Reporting	Intelligent Diagnostics & Remediation	Threat Health Center	Orchestrated Recovery & Validation	GRC Audit Documentation	Forensic Triage
Foundation	✔	✔	✔	—	—	—	—	—	—	—	—
Advanced	✔	✔	✔	✔	✔	✔	✔	✔	—	—	—
Premium	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

+ **veeam Cyber Secure**

- Coveware Incident Response Subscription
- Up to $5M Ransomware Warranty
- 24/7/365 SWAT Team with 30min SLA to help
- Onboarding, Implementation, Quarterly Health Assessments for Security Best Practices

✓ Fully supported   ✓ Partially supported

Backup and Recovery *Powered by Veeam Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	Advanced	Premium	

Security

	Community	Foundation	Advanced	Premium	Description
New Malware detection		✓	✓	✓	Scan and analyze all protected machines with little impact on backup windows — during the backup process. Using File Index Analysis — search for encrypted file extensions by comparing new data against last successful backup if found. Backup will continue to run but will flag as "suspicious, infected, or clean". (*YARA Scan requires Advanced or Premium Edition)
New YARA Scan			✓	✓	New Content Scan option available in SureBackup, Secure Restore and Scan backup functionality backup provides an additional level of security by scanning entire backups with YARA engine against the detection rules of choice. Can be easily used to quickly pinpoint the known threat or to perform a pattern-based search. (*YARA Scan requires Advanced or Premium Edition)
New Veeam App for Splunk			✓	✓	Leverage Veeam Event Forwarding capabilities, Veeam App for Splunk includes monitoring and security dashboards, security alerts, and reports. The app integrates seamlessly with Splunk user roles and location management.
New Veeam App for Palo Alto Networks XSIAM			✓	✓	Leverage Veeam Event Forwarding capabilities from both Veeam Backup & Replication as well as Veeam ONE, the Veeam App for PaloAlto XSIAM includes monitoring and security dashboards and reports. It also integrates with PaloAlto user management and location awareness. (COMING SOON).
New Veeam App for Palo Alto Networks XSOAR			✓	✓	Offers a bi-directional API-level integration with Veeam Backup & Replication and Veeam ONE for SOC and Automation teams. It provides automatic incident creation, a security dashboard based on Veeam security indicators and allows incident remediation right out of the XSOAR UI. (COMING SOON).
New Syslog Event Forwarding		✓	✓	✓	Veeam events can be streamed to external syslog servers, including third-party syslog-compatible SIEM tools that monitor for known events, extending support to security teams.
New Veeam Incident API		✓	✓	✓	Let your cyber-threat tool report infections directly into the Veeam Incident API, marking existing restore points as infected or trigger backup.
New Four Eyes Authorization for backup deletion		✓	✓	✓	Four Eyes Authorization will require secondary user to authorize destructive operations related to backup deletion or repository deletion in Veeam Backup & Replication, addition of new admins, removal of existing users, or changes to MFA.

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✔ Fully supported   ✔ Partially supported

Backup and Recovery *Powered by Veeam Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	**Advanced**	**Premium**	
Enhanced Key Management System (KMS) Integration			✔	✔	Centrally manage cryptographic keys, eliminating the need for app-specific key management. (Requires Advanced or Premium editions for this functionality).
Secure Restore		✔	✔	✔	Increase security and reduce interruptions caused by malware and recover back to a safe, uncompromised restore point through an optional YARA scan, performed directly in backup files prior to recovery. (*YARA Scan requires Advanced or Premium Edition)..
Enhanced SureBackup		✔	✔	✔	Automatically detect threats, test and verify the recoverability of each 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. Perform manual, ad-hoc backup content scans* for imported backups or whenever threat analysis is required. (*YARA Scan requires Advanced or Premium Edition).
New Veeam AI-powered assistant		✔	✔	✔	Immediate in-product assistance using generative AI powered by large language models, trained on product documentation with real-time access to Veeam's knowledgebase.
Immutability	✔	✔	✔	✔	Immutibility is provided by hardened repository for all editions.
Multi-factor authentication (MFA)		✔	✔	✔	Enhance Veeam Backup & Replication access control by enabling multifactor authentication for backup console users.
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 Security & Compliance Analyzer	✔	✔	✔	✔	Perfrom 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 infrastructure is 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.

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✔ Fully supported   ✔ Partially supported

Backup and Recovery *Powered by Veeam* *Backup & Replication™*	**Community**	**Veeam Data Platform** **Veeam Universal License (VUL)**			**Description**
		Foundation	**Advanced**	**Premium**	

Backup

Support for VMware vSphere, 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 Proxmox VE hypervisor	✔	✔	✔	✔	Data protection and granular recovery for Proxmox Virtual Environment VMs and data.
Support for Nutanix AHV hypervisor	✔	✔	✔	✔	Protect Prism Central or Prism Element-hosted VMs, data, applications and more with the ability to instantly recover any image-level backup to AHV as well as perform granular recovery of key application items.
Support for Oracle Linux Virtualization Manager and Red Hat Virtualization hypervisor	✔	✔	✔	✔	Data protection and granular recovery for Oracle Linux Virtualization Manager and Red Hat Virtualization hypervisor VMs, data and applications.
Support for Public Cloud IaaS and PaaS	✔	✔	✔	✔	Native snapshotting, image-based backup and agent-based backup options for cloud-hosted VMs, databases, file shares and object storage from leading providers like Amazon Web Services (AWS), Microsoft Azure, and Google Cloud.
Application- aware, image-based backups	✔	✔	✔	✔	Create application-consistent backups with advanced, application-aware processing for granular recovery. (Transaction log backup for Oracle, PostgreSQL and SQL Server is not included with Community Edition).
New MongoDB Backup		✔	✔	✔	MongoDB backup policy enables the protection of MongoDB workloads with application-consistent backups, enabling granular recovery.
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. Write NAS backups to disk, tape or object storage targets. Long-term file version archival support for NAS data is not available with Community edition. The first 500GB of any data source is free with all additional capacity licensed with VUL at 500GB per license.

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Backup and Recovery *Powered by Veeam Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	**Advanced**	**Premium**	
Enhanced Backup of Object Storage	✔	✔	✔	✔	Protect data hosted on object storage with granular backup and recovery options. Ability to restore to different object storage types (e.g, S3 to SMB). Versatile backup targets, including existing backup repositories as well as directly to tape. Including new Native protection and resilience for data residing in Azure Data Lake Storage Gen2. The first 500GB of any data source is free with additional capacity licensed with VUL at 500GB per license.
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.
Cloud-Integrated Agents	✔	✔	✔	✔	Create application-aware backups of workloads hosted on Infrastructure as a Service (IaaS) VMs using cloud-optimized Veeam Agents. Optimizations include writing backups directly to object storage, utilization of AWS, Microsoft Azure and Google Cloud 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. Community edition does not include 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.
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.

✔ Fully supported ✔ Partially supported

Backup and Recovery *Powered by Veeam* *Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	**Advanced**	**Premium**	
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.
Built-in WAN Acceleration		✔	✔	✔	Get replicas and backup copy jobs off site up to 50x faster and save bandwidth.
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.

Cloud backup & recovery

	Community	Foundation	Advanced	Premium	Description
AWS Backup & Recovery	✔	✔	✔	✔	Native protection for Amazon EC2, Amazon RDS, Amazon Aurora, Amazon DynamoDB, Amazon S3, Amazon VPC data, Amazon FSx, and Amazon Redshift. Full instance and granular restore options available in-place or as-new to the same or different account or region. Backup, restore and migration out of AWS options include to on-premises, Microsoft Azure and Google Cloud.
Azure Backup & Recovery	✔	✔	✔	✔	Native protection for Azure VMs, Azure SQL, Azure Files, Azure Blob, and Azure Cosmos DB. Full instance and granular restore options available in-place or as-new to the same or different subscription or region. Backup, restore and migration out of Azure options include to on-premises, AWS and Google Cloud.
Google Cloud Backup & Recovery	✔	✔	✔	✔	Native protection for Compute Engine VMs, Cloud SQL for MySQL and PostgreSQL and Cloud Spanner. Full instance and granular restore options available in-place or as-new to the same or different project or region. Backup, restore and migration out of Google Cloud options include to on-premises, AWS and Microsoft Azure.
Cost Control	✔	✔	✔	✔	Optimize and control cloud spend while meeting service-level, retention and compliance objectives. Cost control measures include backup compression, tiering to archival object storage classes, dynamic compute resourcing, proactive cost forecasting and capacity planning.
Cloud Security	✔	✔	✔	✔	Secure backup data in line with best practices and Well-Architected frameworks. Security measures include logical air-gapping of backups, least privilege access through identity and access management, integration with cloud-provided encryption and key management services, and immutability.

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		Foundation	**Advanced**	**Premium**	

Enterprise app backup plugins

New Veeam Plug-in *for SAP HANA* on IBM Power		✔	✔	✔	Eliminate the need for multiple backup solutions in your data center with the new, fully certified powerful plug-in for SAP HANA running on IBM Power.
New Veeam Plug-in *for IBM Db2* (Intel Linux + IBM AIX + IBM Power)		✔	✔	✔	Protect IBM Db2 databases running on Intel Linux, IBM AIX or IBM Power. Supports standalone instances as well as high availability disaster recovery (HADR).
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, leveraging native backup and restore capabilities. Enterprise plug-ins can be deployed to Linux, AIX, Solaris and Microsoft Windows operating systems. Include central management on Windows and Linux.
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

Object storage	✔	✔	✔	✔	Directly backup to any object storage on-premises or in the public cloud with ransomware protection immutibility provided by storage vendors. Community Edition supports recovery from object storage only.
Linux Hardened Repository	✔	✔	✔	✔	Keep your backups safe in hardened, malware- and hacker-proof Linux 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	✔	✔	✔	✔	Backup 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. Community Edition does not include the following: support for scheduled incremental backup jobs of vCloud VMs, customer portal integrations via RESTful API, self-service, tenant-managed backup and restore via enterprise manager, as well as native vCloud Director authentication

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		Foundation	**Advanced**	**Premium**	
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. VUL has 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 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 extent back to performance extents and restore data from capacity tier without creating a new SOBR.
SOBR Archive Tier		✓	✓	✓	Reduce the costs of long-term data archival and retention by up to 20 times and replace manual tape management with native support for Amazon S3 Glacier (including Glacier Deep Archive) and Microsoft Azure Archive Storage through end-to-end backup life cycle management.
New S3-compatible object storage with data archiving enabled		✓	✓	✓	Move GFS restore points. Increase cost savings with tape via Smart Object Storage API for Amazon S3 Glacier compatible systems.
New Health Check for Capacity Tier		✓	✓	✓	Health Check proactively verifies the existence of objects via API calls. Object storage vendors usually provides 11 nines durability. Health check enabled per default (new installations)
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.
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.
Native tape support	✓	✓	✓	✓	Backup files to any LTO-compatible tape devices. Backup to Tape jobs provide 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. NDMP support for NAS device protection. VUL or Capacity Packs are required for File to Tape jobs. Community Edition only supports File to Tape jobs

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Backup and Recovery *Powered by Veeam Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	Advanced	Premium	
New IBM Jaguar tape support		✔	✔	✔	Reduce costs without compromising on security by combining Veeam's air gapped data protection with low-cost storage at enterprise scale using IBM Jaguar drives
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.
Enhanced NetApp ONTAP FlexGroups support	✔	✔	✔	✔	Backup and recover large volumes on NetApp ONTAP FlexGroups ensuring that your data stays protected at scale.
Support for primary snapshot immutability for HPE 3PAR/Primera/Alletra		✔	✔	✔	Support for creating immutable snapshots on HPE 3PAR/Primera/Alletra arrays by leveraging the native Virtual Lock functionality. A valid Virtual Lock license is required.
New HPE StoreOnce Catalyst Copy target immutability support		✔	✔	✔	Persist backup immutability and retention (GFS) using native APIs for HPE StoreOnce Catalyst Copy.
New Snapshots for FlashCopies in IBM FlashSystem & SAN volume controller	✔	✔	✔	✔	Support for Volume Groups Snapshots (requires IBM Spectrum Virtualize 8.5.1 or newer).
Enhanced Immutability for Dell Data Domain with support of DD-native Retention Lock		✔	✔	✔	Persist backup immutability when using Data Domain Retention Lock.
New Smart Load balancing support for Isilon and NetApp		✔	✔	✔	Ability to automatically discover the cluster node that should be used during processing whenever source storage is a cluster with multiple nodes.
De-duplicating storage appliance integration		✔	✔	✔	Get faster backup performance by backing up to deduplicating storage integrations (Dell Data Domain Boost, HPE StoreOnce Catalyst, Quantum DXi and ExaGrid Accelerated Data Mover).

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		Foundation	Advanced	Premium	

Replication

Veeam CDP (Continuous Data Protection)		✔	✔	✔	Eliminate downtime and minimize data loss for Tier-1 VMware vSphere and Cloud Director 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).
New SureReplica for CDP		✔	✔	✔	Ensure disaster recovery really works. Replication continues during failover tests. Failover, antivirus, YARA scan & CRC check. Comprehensive reporting in Veeam Recovery Orchestrator.
New File and Application-Level Restore from CDP replica		✔	✔	✔	Recover files from CDP replica from any restore point. File-level recovery is possible from all restore points available. Replication continues in the background while restore happens.
New Planned Failover with CDP replicas		✔	✔	✔	Verified and orchestrated recovery for when you need to failover without disrupting workloads.
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.
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.
One-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.

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		Foundation	**Advanced**	**Premium**	

Restore

Backup and Recovery	Community	Foundation	Advanced	Premium	Description
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	✔	✔	✔	✔	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

	Community	Foundation	Advanced	Premium	Description
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 vSphere VMs, as opposed to restoring the entire VM (e.g., 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	✔	✔	✔	✔	Instantly restore SMB file shares directly from backups to allow users to continue day-to-day operations quickly, and easily migrate all changes made to the SMB share to production. For NFS file shares, leverage the publishing functionality to provide read-only access to the data stored in the backup.
New Instant disk publish	✔	✔	✔	✔	Empower application owners to quickly locate the data they need for operations and recovery, combining high-performance search with a disk published directly from backup.

File & item level recovery

	Community	Foundation	Advanced	Premium	Description
File-Level Recovery	✔	✔	✔	✔	Directly recover files from Windows, Linux, BSD, macOS, Novell, Solaris and AIX.

✔ Fully supported ✔ Partially supported

Backup and Recovery *Powered by Veeam* *Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	**Advanced**	**Premium**	
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. Community Edition and Standard can compare and view only. VUL, Enterprise and Enterprise PLUS can compare, view and restore to production.
Permissions Recovery		✔	✔	✔	Restore lost or modified permissions to an exisiting file. Available for image-level Windows backups.
New Veeam Explorer for MongoDB		✔	✔	✔	Streamlined granular recovery of MongoDB collections, databases and instances without requiring a substantial MonogoDB skillset.
New Veeam Explorer *for SAP HANA*		✔	✔	✔	Restore a single database or several databases from SAP HANA plug-in backups with ease to the original or to a different location to any point in time and customize restore options.
New Veeam Explorer *for PostgreSQL:* Export DB	✔	✔	✔	✔	Export specific PostgreSQL databases in the native dump format directly from backup or from the published PostgreSQL instance.
Veeam Explorer™ *for Storage Snapshots*	✔	✔	✔	✔	Restore individual VMs, guest files and application items from storage snapshots.
Veeam Explorer *for PostgreSQL*	✔	✔	✔	✔	Restore and publish PostgreSQL instances to the original or to a new 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 the ability to restore passwords) as well as export into LDIFDE format. Community Edition does not allow 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. Community Edition does not support restoring back to the original mailbox.

✔ Fully supported   ✔ Partially supported

Backup and Recovery *Powered by Veeam* *Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	**Advanced**	**Premium**	
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. however Community Edition does not 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. However, Community Edition does not support entire-site restore, as well as restore to the original location.
New Veeam Explorer *for PostgreSQL*: Instant Recovery		✔	✔	✔	Provide instant availability to PostgreSQL directly from your backup, without compromise with background data recovery and journaling.
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. Community Edition does not provide a catalog of archived backup files or 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.

Datalabs

	Community	Foundation	Advanced	Premium	Description
Secure Restore		✔	✔	✔	Increase security and reduce interruptions caused by viruses and recover back to a safe, uncompromised restore point through an 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. YARA scan not available in Community and Foundation.
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. YARA scans are not available in Community Edition and Foundation

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✔ Fully supported   ✔ Partially supported

Backup and Recovery *Powered by Veeam Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	Advanced	Premium	
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		✔	✔	✔	Mount your backups instantly everywhere. 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

	Community	Foundation	Advanced	Premium	Description
One-Click File and VM recovery portal for help desk operators		✔	✔	✔	Restore files, VMs or the entire vApp 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 databases.		✔	✔	✔	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 databases.		✔	✔	✔	Restore Oracle databases to the original server, a new Oracle server or PostgreSQL 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.

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✔ Fully supported   ✔ Partially supported

Backup and Recovery *Powered by Veeam Backup & Replication™*	Community	Veeam Data Platform Veeam Universal License (VUL)			Description
		Foundation	Advanced	Premium	
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.
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

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, consolidated alerting across multiple backup servers, and the ability to start and stop jobs. Additionally, full job management functionality and the ability to perform restores, including Instant Restore for VMware, Hyper-V, NAS backups as well as Migrate to Production.
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.
Built-in management for Veeam Agents	✔	✔	✔	✔	The ability to organize, automate, and deploy Windows, Linux, Mac, AIX and Solaris agents with protection groups based on Active Directory containers, CSV files or public cloud tags to configure custom automatic update and deployment schedules. Community Edition is limited to 10 instances.
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.

[1] VMware only   [2] VMware and Hyper-V only

✓ Fully supported   ✓ Partially supported

Monitoring and Analytics *Powered by Veeam ONE™*	Veeam Data Platform			Description
	Community	Advanced	Premium	

Monitoring and reporting

	Community	Advanced	Premium	Description
New Veeam Threat Center dashboard		✓	✓	Highlight threats, identify risks and measure the security score of your environment from one dashboard. Centralized analytics for the entire platform.
New ServiceNow integration	✓	✓	✓	Bi-directional Incident lifecycle with ServiceNow. Backup anomalies are instantly reported into ServiceNow so you can immediately perform triage and reduce further risk to your data.
Enhanced Platform Reporting		✓	✓	Complete monitoring, reporting and alarming for new functionality, including: Backup of Object Storage, Malware Detection Engine and Security & Compliance Analyzer.
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 Nutanix AHV*	✓	✓	✓	Support for Veeam Backup *for Nutanix AHV* 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 Nutanix VMs. This helps users in verifying the data protection status for each discovered VM based on the agreed service level agreement (SLA).
Veeam Backup for Proxmox VE and oVirt KVM	✓	✓	✓	Support for Veeam Backup for Proxmox VE and oVirt KVM 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 workloads running on these environments. 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, 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.

✔ Fully supported   ✔ Partially supported

Monitoring and Analytics *Powered by Veeam ONE™*	**Veeam Data Platform**			**Description**
	Community	**Advanced**	**Premium**	
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 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 Platform 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).
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. 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 antivirus 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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✔ Fully supported ✔ Partially supported

Monitoring and Analytics *Powered by Veeam ONE™*	Veeam Data Platform			Description
	Community	Advanced	Premium	
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 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 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 and alarm customization and automation

	Community	Advanced	Premium	Description
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.
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.

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✔ Fully supported   ✔ Partially supported

Monitoring and Analytics *Powered by Veeam ONE™*	Veeam Data Platform			Description
	Community	**Advanced**	**Premium**	

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. 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 ONE *Community Edition*, remediation actions are available, but require manual approval.

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. Veeam ONE *Community Edition* allows for one customized reporting dashboard to be created.

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.

✅ Fully supported   ✔️ Partially supported

Monitoring and Analytics *Powered by Veeam ONE™*	Veeam Data Platform			Description
	Community	Advanced	Premium	
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.

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✓ Fully supported ✓ Partially supported

Recovery Orchestration *Powered by Veeam Recovery Orchestrator*	Veeam Data Platform Premium	Description
Recovery Orchestration & Automation		
New YARA Rule Management	✓	YARA rule files can be imported to VRO allowing for increased security, manageability and visibility. Control rule assignments to different groups using VRO scopes and preview YARA rule contents in VRO UI, allowing for version control and other checks. With automated distribution, YARA files are securely delivered to Veeam Backup servers, used for scanning, and then removed.
New Support for additional repositories	✓	Recovery from Veeam Data Cloud Vault and S3 repositories — AWS, Wasabi, on-premises S3.
Enhanced Automated Clean Recovery	✓	Restore points that have been marked as Clean during backup accelerate orchestrated recovery of an entire environment using malware-free restore points.
Enhanced Testing for CDP replica plans	✓	CDP replica testing with zero-impact on production or replication. Fully-featured tests, heartbeat checks, network tests, custom scrips with all VRO reporting features enabled.
New In-guest scripts for Azure	✓	Reduce downtime and eliminate manual tasks when recovering an on-prem workload into Microsoft Azure by orchestrating post-recovery OS configuration and validation. Inject custom scripts into Azure VMs recovered from agent or vSphere backups with all script output captured in VRO reports.
One-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, iterate 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.
DataLab Management	✓	DataLab 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.

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✔ Fully supported   ✔ Partially supported

Recovery Orchestration *Powered by Veeam Recovery Orchestrator*	**Veeam Data Platform** **Premium**	**Description**
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 RTOs and RPOs	✔	Meet business needs with RTO and RPO monitoring and reporting. Display achieved RTO & RPO 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.