


































Veeam Availability Suite Editions Comparison





Veeam® Availability Suite™ combines the award-winning data protection and virtualization management expertise of Veeam Backup & Replication™ and Veeam ONE™ for VMware vSphere and Microsoft Hyper-V.

Veeam offers different editions of Veeam Availability Suite based on the level of functionality you need from Veeam Backup & Replication.

Veeam Backup & Replication Feature	Standard Edition	Enterprise Edition	Enterprise Plus	Notes
High-Speed Recovery				
Entire VM recovery				
Full VM recovery				Recover an entire VM on the original host or on a different host. Includes quick rollback functionality to restore changed blocks only.
Instant VM Recovery™				Quickly restore service to users by starting a VM directly from a backup file on regular backup storage.
VM file and virtual disk recovery				Recover individual VM files (such as VMX) and virtual disks.
File level recovery				
Instant File-Level Recovery				Recover files from 17 common file systems used by Windows, Linux, BSD, Mac OS, Novell, Solaris and Unix. ³
Item level recovery				
Veeam Explorer™ for Storage Snapshots (HP and NetApp) ¹				Restore individual VMs, guest files and application items from HP 3PAR StoreServ, StoreVirtual and StoreVirtual VSA snapshots as well as from NetApp Data ONTAP based storage including FAS, FlexArray (V-Series), Data ONTAP Edge and IBM N series snapshots.
Veeam Explorer for Microsoft Active Directory				Search and restore for all Active Directory object types, such as users, groups, computer accounts, contacts, including user and computer password recovery. All editions support single object restore via export in LDIFDE format or restore back to Active Directory, as well as the ability to restore passwords. Enterprise and Enterprise Plus editions include multi-select restore and container restore.
Veeam Explorer for Microsoft Exchange				Get instant visibility into Microsoft Exchange 2010 and 2013 backups for easy e-discovery and item recovery of individual Exchange items (emails, appointments, notes, contacts, etc.), online archive mailboxes and hard-deleted items. All editions support Exchange mailbox item restore via save, send and PST export. Enterprise and Enterprise Plus editions support restore back into the original mailbox.
Veeam Explorer for Microsoft SQL				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 restore of SQL database files with point-in-time transaction selection. Enterprise and Enterprise Plus editions include agentless transaction log backup and replay, and database restore back to the original or new SQL server.

Veeam Backup & Replication Feature	Standard Edition	Enterprise Edition	Enterprise Plus	Notes
Veeam Explorer for Microsoft SharePoint				Get instant visibility into SharePoint backups with advanced search and browse capabilities for quick recovery of individual SharePoint items. All editions support SharePoint item restore via save, send and export. Enterprise and Enterprise Plus editions also support restore to original location.
U-AIR® (Universal Application-Item Recovery)				Recover individual objects for ANY virtualized application including Oracle and MySQL databases by starting up the VM directly from a backup file in an isolated environment and accessing the application with native management tools.
Self service				
1-Click File and VM recovery portal for help desk operators				Restore guest files and VMs with a single click through a web UI.
Microsoft Exchange item recovery portal for help desk operators				Restore missing mailbox items back to the original mailbox with a single click through a web UI.
Database recovery portal for Microsoft SQL DBAs				Restore individual databases back to the original server, or a new SQL server, with a single click through a web UI.
Self-service file restore portal for application owners				File restore portal with automatic VM detection, and automatic delegation based on 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.
Data Loss Avoidance				
Backup				
Application-aware, image-based backups				Create application-consistent image-level VM backups with advanced application-aware processing (including transaction log truncation).
VeeamZIP™				Streamline ad-hoc backups of live VMs for archival purposes.
Quick Backup				Perform quick incremental backups of individual VMs with the existing backup job.
Backup I/O control				Allows you to set the maximum acceptable I/O latency level for production datastores to ensure backup and replication activities do not impact storage availability to production workloads. Enterprise edition includes a global latency setting, and Enterprise Plus edition provides setting customization on a per datastore basis.
Backup from Storage Snapshots (HP and NetApp) ²				Create image-based backups and replicas from HP 3PAR StoreServ, StoreVirtual and StoreVirtual VSA snapshots as well as from NetApp Data ONTAP based storage including FAS, FlexArray (V-Series), Data ONTAP Edge and IBM N series snapshots as often as necessary with little to no impact on production.
Secondary backup to NetApp storage	SnapShot	SnapShot SnapMirror	SnapShot SnapMirror SnapVault	Create a second, application consistent storage snapshot-based backup to NetApp Data ONTAP based storage including FAS, FlexArray (V-Series), Data ONTAP Edge VSA and IBM N series.
Storing backups				
Synthetic full backup				Eliminate the need for periodic full backups by creating “forever incremental” backups that save time and storage.
Built-in deduplication, compression and swap exclusion				Decrease backup storage requirements and network traffic with built-in deduplication; multiple compression options let you to balance storage consumption with performance and backup proxy load; swap exclusion reduces backup footprint and improves performance.

Veeam Backup & Replication Feature	Standard Edition	Enterprise Edition	Enterprise Plus	Notes
Backup Copy jobs				Copy all or selected VM backups to your DR storage location of choice automatically; includes validation and remediation to ensure copies are available and reliable.
Veeam Cloud Connect				Get your backups off site with a fully integrated, fast and secure way to backup to and restore from the cloud.
End-to-end encryption				Secure backup data and network transfers with end-to-end AES 256 encryption without any negative impact on built-in compression and WAN Acceleration data reduction ratios. All editions include at source (during backup), in-flight (network traffic) and at rest (tape) encryption. Enterprise and Enterprise Plus editions also include lost password protection.
Native tape support				Back up and archive files and VM backups to standalone tapes, tape libraries and virtual tape libraries connected to any Microsoft Windows server in your environment. All editions support copying Windows, Linux and VM backup files to tape. Enterprise and Enterprise Plus editions add tight integration with backup jobs and support full tracking of VMs and restore points on tape as well as in media vaults.
Deduplicating storage integrations				Get faster backup performance by backing up to deduplicating storage integrations (EMC DataDomain Boost, ExaGrid).
Built-in WAN Acceleration				Get backups offsite up to 50x faster and save bandwidth with agentless Backup Copy jobs.
Replication				
Image-based VM replication				Replicate VMs on site for high availability or off-site for disaster recovery.
Assisted failover and failback				Replica rollback and assisted failover and failback.
Near-CDP				Near-continuous data protection (near-CDP) for any virtualized application, at a fraction of the cost of traditional CDP.
Replication from a backup				Create replicas directly from VM backup files without impacting production.
Planned Failover				Facilitate data center migrations with zero data loss.
1-Click Failover Orchestration				Built-in failover plan orchestration enabling easy 1-click site failover to minimize unplanned downtime.
Built-in WAN Acceleration				Get replicas offsite up to 50x faster and save bandwidth.
Verified Protection				
SureBackup®				Automatically test and verify every backed up VM for recoverability by running the VM directly from backup file (no full VM restore is required), including support for custom application test scripts.
SureReplica¹				Automatically test and verify every replica VM for recoverability, including support for custom application test scripts.
Leveraged Data				
On-Demand Sandbox™				Providing the ability to run one or more VMs directly from a backup in an isolated environment and the ability to troubleshoot, test, and train on a working copy of the production environment without impacting business operations.
Complete Visibility				
Support for VMware vSphere and Microsoft Hyper-V				Support for VMware vSphere 4.x or later, and Microsoft Hyper-V 2008 R2 SP1 or later. View both hypervisors from a single console.
vSphere Web Client Plug-in¹				Perform VeeamZIP and Quick Backup; monitor backups, easily identify unprotected VMs and simplify capacity planning - all directly from the vSphere Web Client.

Veeam Backup & Replication Feature	Standard Edition	Enterprise Edition	Enterprise Plus	Notes
Centralized Management Web UI (Veeam Enterprise Manager)				Get a web-based, consolidated view of your distributed deployment in a single pane of glass without having to login to individual backup servers, including federation of multiple backup servers, centralized reporting and consolidated alerting. All editions include monitoring and reporting across multiple backup servers, as well as the ability to start and stop jobs. Enterprise and Enterprise Plus editions also include full job management functionality, and the ability to perform restores.
Guest file system indexing				A catalog of guest files enabling effortless search of individual files, to find and restore a file without knowing the precise file location or the time when it was deleted. All editions provide a catalog of guest files in backups currently on disk. Enterprise and Enterprise Plus editions also provide a catalog of archived backup files, and integrate with 1-Click to enable restore directly from search results.
vCloud Director support				Back up vApp and VM metadata and attributes and restore vApps and VMs directly to vCloud with full support for fast-provisioned VMs. All editions provide integrated visibility of vCloud Director infrastructure, backup via VeeamZIP (including backup of vApp and VM meta data and attributes) and direct restore to vCloud. Enterprise and Enterprise Plus editions also support scheduled incremental backup jobs of vCloud VMs.
Other capabilities				
Multiple backup options				Backup directly from SAN, over LAN ¹ , or through hypervisor I/O stack.
Changed block tracking				Minimize backup time and allow for more frequent backup and replication. Supported on both VMware and Hyper-V.
File Manager				Integrates file management (Veeam FastSCP™) into the operator console.
Quick Migration ¹				Migrate VMware VMs between hosts and/or datastores using VMware vMotion, Storage vMotion and/or Veeam-provided migration technology.
Task automation				All editions support PowerShell. Enterprise Plus edition also supports RESTful API.

¹ VMware only

² VMware only, yet supported natively for Hyper-V

³ Some file systems supported for VMware only



Fully supported



Partially supported

Veeam Availability Suite includes Veeam ONE

Veeam Availability Suite includes Veeam ONE giving you complete visibility of your IT environment through 24x7 real-time monitoring and alerting for the backup infrastructure as well as VMware and Hyper-V environments, including:

- Backup reporting (including a backup configuration assessment)
- Infrastructure Assessment tools (for backup)
- Resource optimization and advanced "What-if" capacity planning
- Multi-tenant reporting and monitoring
- Over 200 pre-set alarms
- Fully-customizable reporting
- Health and performance dashboards

For Small Businesses

Veeam Availability Suite can also be purchased by small businesses with virtual environments of 2, 4 or 6 CPU sockets (typically found in companies with fewer than 250 employees) under the product Veeam Backup Essentials™.



Learn more
www.veeam.com



Download free trial
www.veeam.com/backup

