veeam

Veeam Backup & Replication
Edition Comparison

For two years in a row, Veeam Backup & Replication won Best New Technology at VMworld and was recognized as the 2013 InfoWorld "Technology of the Year."

#1 VM Backup Is Now Cloud Ready!

Copy Veeam backups to any one of 15 supported public clouds by adding Cloud Edition to Veeam Backup & Replication Standard or Enterprise Editions.

Cloud Edition is sold as an annual subscription for new customers with 1, 2 or 3 year licenses.

Veeam® offers different editions of its award-winning Veeam Backup & Replication™ software, so you can choose the edition that best meets your particular needs.

The chart on the following pages details the differences between Enterprise and Standard editions of the product, as well as the Cloud Edition, which is also available in Enterprise and Standard variations. Currently, there are differences in these areas:

- **1-Click File Restore:** Enterprise Edition includes the ability to restore Windows guest files directly to their original location (virtual machine) from search results in web-based Veeam Enterprise Manager. No in-guest agent is required, and file restores can be delegated to help desk personnel. Standard Edition does not include these capabilities.

- **Catalog of Windows guest files**: Enterprise Editions maintain a catalog (index) of Windows guest files on disk and in archived backups; Standard Editions only include files in backups currently on disk.

- **Cloning and editing jobs:** Enterprise Manager provides consolidated reporting and notification across backup servers, as well as a web interface for monitoring and restarting jobs. With Enterprise Editions, you also get the ability to clone and edit jobs through Enterprise Manager.

- **Restore to mailbox:** Standard and Enterprise Editions both include Veeam Explorer™ for Microsoft Exchange, which provides instant visibility into Exchange backups (and replicas) for easy e-discovery and item recovery. You can browse and search mailboxes and mailbox stores directly from backups (without restoring them first). Then you can export items (emails, notes, contacts, etc.) directly from backups to a PST file, MSG files or as an attachment. With Enterprise Editions, you can also restore items directly to a mailbox.

- **Virtual Lab**: Virtual Lab provides an isolated environment where you can run virtual machines (VMs) directly from compressed and deduplicated backup files using Veeam's patent-pending vPower® technology. Virtual Lab—and the capabilities that use it—are available in Enterprise Editions only (and only for VMware).

  – **U-AIR® (Universal Application-Item Recovery):** Enterprise Editions include U-AIR; Standard Editions do not. U-AIR is the ability to restore individual application objects, such as email messages, directory objects or database records, from a regular image-level backup. To the extent this capability is available in the market today (some vendors offer very restrictive and limited implementations), it is considered a "premium" capability and carries an additional cost. Veeam is excited to offer a much more flexible and robust implementation that supports any virtualized application and brings greater value to customers.

  – **SureBackup®**: Enterprise Editions offer automated recovery verification, including support for application test scripts and bulk VM testing; Standard Editions do not. This feature is only for VMware.

  – **On-Demand Sandbox**: For VMware environments, Enterprise Editions include the ability to run one or more VMs from backup in an isolated environment, providing a working copy of the production environment for troubleshooting, testing, training, etc. Standard Editions do not include this capability.

Upgrading to Enterprise and Cloud Editions

Customers using Standard Edition who wish to move to Enterprise Edition can do so by paying an upgrade fee. Options are also available for upgrading from Standard or Enterprise Edition to Cloud Edition.

Feature	Enterprise Edition	Standard Edition	Notes
Data Protection Modes			
Backup	●	●	Image-based backup of VMs.
Replication	●	●	2-in-1: backup and replication for one price, in one cohesive solution; includes replica rollback and assisted failover and failback.
VeeamZIP™	●	●	Streamlines ad-hoc backups of live VMs.
Veeam Explorer™ for SAN Snapshots	●	●	Restore individual VMs, guest files and Exchange items from HP StoreVirtual snapshots.*
VM Copy for VMware	●	●	Create a complete copy of a VMware VM on any storage.*
Quick Migration for VMware	●	●	Migrate VMware VMs between hosts and/or datastores using VMware vMotion, Storage vMotion and/or Veeam-provided migration technology.*
File Manager	●	●	Integrates file management (Veeam FastSCP™) into the operator console.
Architecture			
Changed block tracking	●	●	Lightning-fast incremental backups to minimize backup time and allow for more frequent backup and replication.
Multiple backup options	●	●	Back up directly from SAN, over LAN*, or from hypervisor I/O stack.
Advanced VSS integration and application awareness	●	●	Uses a Veeam-built VSS writer and advanced application-aware processing (such as transaction log truncation) to ensure proper backup and restore of VSS-aware Windows applications.
Web UI	●	◐	In addition to the Windows-based backup console, also includes Enterprise Manager, a web-based console that provides a consolidated view of your distributed deployment; includes federation of multiple backup servers, centralized reporting and consolidated alerting; Enterprise Edition also allows cloning and editing of jobs and 1-Click File Restore.
Synthetic full backup	●	●	Eliminates the need for periodic full backups (provides "forever incremental" backup), thus saving time and space.
Built-in deduplication	●	●	10x space savings on backup storage.
Near-CDP	●	●	Near-continuous data protection for any virtualized application, at a fraction of the cost of traditional CDP.
vStorage APIs for Data Protection (VADP)	●	●	Highly efficient and "future-proof" solution that uses VADP to protect VMware VMs.
Instant VM Recovery			
Temporary spare	●	●	Quickly restore service to users by restarting a failed VM directly from a backup file on regular backup storage.
Instant File-Level Recovery			
Wizard-driven recovery	●	●	Includes wizards for instant file-level recovery from 16 commonly used Windows, Linux*, Unix*, Solaris* and BSD* file systems.
1-Click File Restore	●	○	Allows help desk administrators to restore Windows guest files through the Enterprise Manager web UI.
Catalog of Windows guest files	●	●	Creates a catalog (index) of all Windows guest files that have been backed up.
Search across backups	●	◐	Quickly search for Windows guest files across backups. With Enterprise Edition, you can search current and archived backups. With Standard Edition, you can search current backups only.

* Currently available for VMware only

To learn more, visit: www.veeam.com

Feature	Enterprise Edition	Standard Edition	Notes
Veeam Explorer for Microsoft Exchange			
Browse	🟢	🟢	Browse mailbox stores inside backups (or replicas) using a familiar Explorer-like interface.
Search	🟢	🟢	Search across one or several mailboxes or mailbox stores using familiar Outlook-like "Find" and "Advanced Find" dialogs.
Export	🟢	🟢	Export individual items (emails, notes, contacts, etc.) directly from a backup (or replica) to a PST file, MSG files or as an attachment.
Restore to mailbox	🟢	⭕	Restore individual items from a backup (or replica) directly to a mailbox.
Universal Application-Item Recovery*			
Object-level recovery	🟢	⭕	Object-level recovery for any application, on any OS, using existing application management tools.
User-directed recovery	🟢	⭕	Available for any application with a web front-end, such as Microsoft SharePoint.
Microsoft Exchange	🟢	⭕	Includes a wizard that Exchange administrators can use to recover individual objects (such as emails and contacts).
Microsoft Active Directory	🟢	⭕	Includes a wizard that Active Directory administrators can use to recover individual objects (such as users and groups) and their attributes.
Microsoft SQL Server	🟢	⭕	Includes a wizard that SQL Server administrators can use to recover individual objects (such as tables and records).
SureBackup*			
Automated recovery verification	🟢	⭕	Automatically verify the recoverability of backups.
On-Demand Sandbox*			
Working copy of production environment	🟢	⭕	Create a working copy of the production environment from any point in time for troubleshooting, testing, training, etc. by running one or more VMs from backup in an isolated environment—without additional storage and without modifying the backup.

Cloud Edition

Cloud Edition includes all of the features in Veeam Backup & Replication Standard or Enterprise Edition in addition to the features listed below.

Feature	Enterprise Cloud Edition	Standard Cloud Edition	Notes
Cloud-agnostic	🟢	🟢	Support for 15 leading public storage clouds.
Store backups in the cloud	🟢	🟢	Copy VMware or Hyper-V VMs backups to the cloud.
Transmit backups to the cloud encrypted	🟢	🟢	Supports encryption of backups in transit to the cloud and at rest in the cloud.
24/7 support	🟢	🟢	24/7 support included with your Cloud Edition license.

* Currently available for VMware only

🟢 Fully supported
🟠 Partially supported
⭕ Not supported/Not available

To learn more, visit: www.veeam.com

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