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vPower

Veeam Backup & Replication
Standard and Enterprise Editions

Veeam Software offers 2 editions of its award-winning Veeam Backup & Replication (v5 and above) solution. Now you can choose between Standard Edition and Enterprise Edition based on your needs.

A closer look: Standard and Enterprise Editions

The chart on the next two pages details the differences between Standard and Enterprise Edition. Currently, there are differences in these areas:

- **U-AIR** (**Universal Application-Item Recovery**): Enterprise Edition includes U-AIR™; Standard Edition does 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 be able to offer a much more flexible and robust implementation that brings greater value to customers.

- **SureBackup™ Recovery Verification**: Enterprise Edition offers automated and advanced recovery verification, including a fully managed, isolated test environment; support for application test scripts; and bulk VM testing. Standard Edition provides basic recovery verification that involves starting a VM from a backup file and manually testing it.

- **On-Demand Sandbox:** Enterprise Edition includes 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 Edition does not include this capability.

- **Windows guest file system indexing**: Enterprise Edition maintains an index of Windows guest files on disk and in archived backups; Standard Edition only includes files currently on disk.

Upgrading to Enterprise Edition

Customers using Standard Edition who wish to move to Enterprise Edition can do so by paying an upgrade fee.

The fee is the difference in price between Standard and Enterprise Edition. All licenses in a given deployment must be upgraded.

Feature	Standard	Enterprise	Notes
Data Protection Modes			
Backup	●	●	
Replication	●	●	2-in-1: backup and replication for one price, in one cohesive solution; includes replica rollback and replication to/from ESXi
Hot VM copy	●	●	Facilitates ad hoc backups and migrations
FastSCP™	●	●	Integrates Veeam FastSCP™, the #1 file management tool for VMware administrators, into the operator console
Architecture			
vStorage APIs	●	●	Highly efficient and "future-proof" solution that uses the vStorage APIs for Data Protection
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, with virtual appliance, or direct from target
Centralized control of distributed deployment	●	●	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
High-performance engine	●	●	Leverages Veeam's proven FastSCP engine
Synthetic full backup	●	●	Eliminates the need for periodic full backups (provides "forever incremental" backup), thus saving time and space
SmartDedupe™	●	●	10x space savings on backup storage
SmartCDP™	●	●	Near-continuous data protection (near-CDP) at a fraction of the cost of traditional CDP
Instant VM Recovery			
Temporary spare	●	●	Quickly restore service to users by restarting failed VM directly from backup file on regular backup storage
Full restore with zero downtime	●	●	Complete the recovery with no disruption to users by migrating VM from backup to production storage using Storage vMotion
Full restore during maintenance window	●	●	Complete the recovery with minimal downtime by replicating or copy in the VM from backup to production storage
Application-Item Recovery			
U-AIR (Universal Application-Item Recovery)	○	●	Object-level recovery for any virtualized application, on any OS, using existing application management tools
User-directed recovery	○	●	Available for any application with a web front-end, such as SharePoint and Salesforce
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)

(continued)

To learn more, visit: www.veeam.com

Feature	Standard	Enterprise	Notes
Instant File-Level Recovery			
Support for any file system	🟢	🟢	Provides instant file-level recovery for any file system using existing file management tools
Wizard-driven recovery	🟢	🟢	Includes a wizard for instant file-level recovery from 15 commonly used Windows, Linux, Solaris and BSD file systems
Windows guest file system indexing	🟢	🟢	Creates an index (catalog) of all Windows guest files that have been backed up
Search across backups	Current backups	All backups (current and archived)	Quickly search for Windows guest files across backups
SureBackup™			
Recovery verification	Manual	Automated	
Advanced VSS integration and application awareness	🟢	🟢	
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

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