


**#1 VM Backup**

# Veeam Backup & Replication

## The industry standard for VMware data protection

"Veeam Backup & Replication is fantastic! It always works, is easy to use and makes the IT team look like heroes when we restore files, or even entire virtual machines, quickly and easily."

**Brook Papworth**  
Senior IT Officer  
City of Rockingham

"By far, Veeam Backup & Replication is the most powerful, scalable, cost-effective and straightforward solution available on the market. Now that Veeam is deployed, backups are much faster, and we've achieved our RTO and RPO objectives. Achieving the full benefits of virtualization is easy, as long as you have Veeam Backup & Replication."

**Guido Angelo Ingenito**  
IT Infrastructure & Security Manager  
Gruppo Ferretti  
Italia

"The ability to verify every backup automatically and restore individual application items have been among IT's most serious backup concerns."

**Gartner** **Dave Russell**  
Research Vice President

With the widespread embrace of server virtualization, many organizations are starting to understand the advantages of implementing a data protection solution designed specifically for the unique requirements of virtualization. Veeam Software recognized this market need and has taken data protection and disaster recovery to the next level. With breakthrough and innovative technologies used by more than 25,000 customers and protecting over 2,000,000 virtual machines (VMs) globally, Veeam Backup & Replication is the #1 VM Backup solution on the market today. So how did we do it?

### Our value proposition: Virtualization-powered data protection

Veeam Backup & Replication provides fast and reliable vSphere backup and recovery of virtualized applications and data. It unifies backup and replication in a single solution; and its vPower technology leverages virtualization to reinvent data protection. Providing the most comprehensive protection of your virtual infrastructure, our backup is built on a foundation of features that companies need most.

- **2-in-1 backup and replication:** Provides image-based backup and replication of VMs from one product.
- **Storage agnostic:** Offers fast backup and replication with any data storage solution, regardless of provider.
- **One price, multiple features:** Includes capabilities such as replication, application recovery, built-in deduplication, centralized management, scalability and more. And since it is licensed by CPU socket, it does not have any additional per-server/agent fees.

### Our innovation: vPower

Veeam's breakthrough technology, vPower, lets you run a VM directly from a compressed and deduplicated backup file. This eliminates the need to extract the backup and copy it to production storage. Now, you simply start the VM from the backup in your production environment or an isolated test environment that's automatically created and managed for you.

### vPower offers industry firsts:

- **Instant VM Recovery:** Restore an entire machine from backup in a matter of minutes.
- **U- AIR (Universal Application-Item Recovery):** Recover individual objects from any virtualized application without adding application-specific agents.
- **SureBackup:** Automatically verify the recoverability of every backup, every time
- **On-Demand Sandbox:** Restore from any point (full or incremental backup) and run production VMs from the backup file in a sandbox for testing or troubleshooting.
- **Universal File Level Recovery:** Quickly recover an individual file from any file system.

“Veeam is taking the paradigm of server virtualization and enabling organizations to do things in new ways that they never could have considered in the past.”



**Lauren Whitehouse**  
Senior Analyst

“Veeam Backup & Replication is a must-have product if you’re moving ahead with a virtualization project.”

**Kai Sookwongse**  
Department Manager  
Enterprise Infrastructure Services  
Mazda North American Operations

### Supported Environments

#### VMware Infrastructure

##### Platforms:

- vSphere 5.0 and 4.x
- VMware Infrastructure 3.x (VI3)

##### Hosts:

- ESX 4.x and 3.x
- ESXi 5.0, 4.x and 3.x

##### Software:

- vCenter Server 5.0 and 4.x (optional)
- Virtual Center 2.x (optional)

##### Virtual Machines:

- All operating systems supported by VMware
- Any application
- Any file system

### Multi-Hypervisor Support

Veeam Backup & Replication also supports Microsoft Hyper-V. With Veeam, you can protect all your VMs—VMware and Hyper-V—from the same console using the same data protection infrastructure. You can even swap Veeam licenses between hypervisors at no extra charge. It’s investment protection for your data protection that’s only available from Veeam.

## Our advantage: Making a difference

Veeam provides fundamental and far-reaching advantages over other backup tools, justifying a best-of-breed approach to VM backup. Here are a few of those advantages at-a-glance:

Requirement	Veeam	Others
Reliability of backups	100%	Unknown
Recover VMs from backup	Minutes	Hours
Recover individual application items	Any application Inexpensive (flat fee)	Select applications only Expensive (per application or per object fees)
Recover individual guest files	Any file system	Windows, maybe Linux
Create sandbox on demand for testing/training/development/QA	Included	Not available
Additional capabilities: replication, deduplication, centralized management	Included	Extra (if available at all)

## Our strength: Extending the lead in VM backup with v6

Veeam Backup & Replication v6 is the first solution to combine the game-changing capabilities of image-based data protection with the features organizations have come to expect from legacy file-based backup. It’s a winning combination that includes:

- **Enterprise-scalability:** New distributed architecture streamlines deployment and maintenance of remote office/branch office (ROBO) and large installations. Also speeds up backup, replication and restore over WANs.
- **Advanced replication:** 10x faster and now with streamlined failover and real failback.
- **Multi-hypervisor support:** New support for Microsoft Hyper-V brings Veeam’s award-winning data protection to Hyper-V and lets you protect all your VMs—VMware and Hyper-V—from one console.
- **Numerous enhancements,** including 1-Click File Restore that extends Veeam’s existing Instant File-Level Recovery (IFLR) with delegated, secure, web-based restore.



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