

# Veeam Backup & Replication

## #1 VM Backup for VMware vSphere and Microsoft Hyper-V

"If you want worry-free availability, choose Veeam. Of all the solutions available, Veeam is the Ferrari sitting on the showroom floor."

**John Burks**  
Director of Information  
Technology  
BLR

"You've got to let Veeam do what it does best — back up and restore data in a rapid fashion."

**Ryan McClain**  
Systems Architect  
U.S. Legal Support, Inc.

"We had two options: we could spend more than half the workweek managing and worrying about VM backup and replication, or we could put Veeam in place and forget about it."

**Brooks Barnes**  
Systems Administrator  
Great Southern Wood  
Preserving, Inc.

"We have confidence in Veeam; we trust Veeam. Trust is something you don't play around with."

**Josef Kormann**  
Head of IT Operations  
Christof Holding AG

"Veeam Backup & Replication is way past WOW! This is what the backup world needs. Veeam has already given me hours of my life back each week."

**Larry Walker**  
Vice President and Data  
Processing Officer  
Chelsea Groton Bank

Veeam® Backup & Replication™ provides fast, flexible, and reliable recovery of virtualized applications and data. We bring backup and replication together in a single solution with award-winning support for VMware vSphere and Microsoft Hyper-V virtual environments.

This powerful, easy-to-use and affordable backup and Availability solution leverages virtualization, storage, and cloud technologies to deliver recovery time and point objectives (RTPO™) of <15 minutes for ALL applications and data.

### #1 VM Backup™ features

#### Backup

Veeam provides fast and reliable backup for vSphere and Hyper-V virtual environments — all without the use of agents.

- **Image-level VM backups:** Create application-consistent backups with advanced application-aware processing
- **ENHANCED Backup from Storage Snapshots for EMC<sup>NEW</sup>, HP and NetApp:** Generate ultra-fast backups with low RPOs
- **NEW Scale-out Backup Repository™:** Create a single virtual pool of backup storage to which backups can be assigned, offering the freedom to easily extend backup storage capacity
- **Veeam Cloud Connect:** Get backups off site without the cost and complexity of building and maintaining an off-site infrastructure; fast and secure cloud backup to a service provider
- **SureBackup®:** Automatically test and verify every backup and every virtual machine (VM) for recoverability
- **Built-in WAN acceleration:** Get backups off site up to 50x faster and save bandwidth
- **ENHANCED Direct Storage Access:** Perform vSphere backups faster and with reduced impact by backing up via Direct SAN Access and Direct NFS Access<sup>NEW</sup>

#### Recovery

Veeam delivers lightning-fast, reliable restore for individual files, entire VMs and application items — ensuring you have confidence in virtually every recovery scenario.

- **Instant VM Recovery™:** Recover a failed VM in less than 2 minutes
- **Instant File-Level Recovery:** Recover guest OS files and folders on the fly
- **ENHANCED Veeam Explorer™ for Microsoft Active Directory:** Instantly recover individual AD objects and entire containers, easily recover user accounts and passwords, enable restores of Group Policy Objects (GPOs), Active Directory-integrated DNS records, and more

## Supported Environments

### VMware infrastructure

#### Platforms

- vSphere 6.0
- vSphere 5.x
- vSphere 4.1

#### Hosts

- ESXi 6.0
- ESXi 5.x
- ESX(i) 4.1

#### Software

- vCenter Server 6.0 (optional)
- vCenter Server 5.x (optional)
- vCenter Server 4.1 (optional)
- vCloud Director 5.1, 5.5 (optional)

### Virtual Machines

- All OSs supported by VMware
- Any application
- Any file system

### Microsoft infrastructure

#### Platforms

- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2 SP1

#### Hosts

- Windows Server Hyper-V 2012 R2
- Windows Server Hyper-V 2012
- Windows Server Hyper-V 2008 R2 SP1
- Microsoft Hyper-V Server (free hypervisor)

#### Software

- Microsoft System Center Virtual Machine Manager 2012 R2 (optional)
- Microsoft System Center Virtual Machine Manager 2012 SP1 (optional)
- Microsoft System Center Virtual Machine Manager 2008 R2 SP1 (optional)

### Virtual Machines

- All OSs supported by Microsoft Hyper-V
- Any application
- Any file system

## Editions

Veeam Backup & Replication comes in three editions — Standard, Enterprise and Enterprise *Plus* — so you can choose the one that best meets your needs and budget.

- **ENHANCED Veeam Explorer for Microsoft Exchange:** Instant visibility and granular recovery of individual Exchange items, including hard-deleted items, detailed export reports for eDiscovery and more
- **ENHANCED Veeam Explorer for Microsoft SharePoint:** Instant visibility into SharePoint backups; easily find and recover specific SharePoint items as well as individual sites and site collections
- **ENHANCED Veeam Explorer for Microsoft SQL Server:** Fast transaction and table-level recovery of SQL databases allowing for precise point-in-time restore
- **NEW Veeam Explorer for Oracle:** Transaction-level recovery of Oracle databases, including agentless transaction log backups, enabling precise point-in-time restore
- **ENHANCED Veeam Explorer for Storage Snapshots:** Recover single files and entire VMs from EMC<sup>NEW</sup>, HP and NetApp storage snapshots
- **ENHANCED Native tape support:** Store entire VM backups or individual files on tape including features for growing enterprise environments<sup>NEW</sup>

## Replication

Veeam provides advanced, image-based VM replication and streamlined disaster recovery — ensuring the Availability of your mission-critical applications.

- **Image-based VM replication:** Replicate VMs onsite for high-Availability or offsite for disaster recovery
- **NEW Veeam Cloud Connect Replication:** Get replicas off site without the cost and complexity of building and maintaining a disaster recovery site; fast and secure cloud-based disaster recovery (DRaaS) through a service provider
- **SureReplica:** Automatically test and verify every VM replica for recoverability
- **Built-in WAN acceleration:** Get replicas off site up to 50x faster and save bandwidth
- **Failover and Failback:** Replica rollback and assisted failover and failback with little to no business interruption



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