

## Veeam Backup & Replication

# Availability for the Always-On Enterprise

Veeam® Backup & Replication™ delivers Availability for **ALL** workloads – virtual, physical, and cloud (including VMware vSphere and Microsoft Hyper-V) – from a single management console. It provides fast, flexible and reliable recovery of your applications and data, and brings backup and replication together into a single software solution.

## Veeam Backup & Replication Features

### Backup

Veeam provides fast and reliable backup for virtual, physical and cloud-based workloads.

- **Manage virtual, physical and cloud-based backups from one console**  
With the inclusion of built-in management for Veeam Agent for *Linux* and Veeam Agent for *Microsoft Windows*<sup>NEW</sup>, users can manage backup functionality for virtual, physical and cloud-based workloads from a single Veeam console.
- **Image-level VM backups:** Create application-consistent backups with advanced application-aware processing
- **Backup from Storage Snapshots for Cisco, Dell EMC, Hewlett Packard Enterprise (HPE), IBM<sup>NEW</sup>, Lenovo<sup>NEW</sup>, NetApp and Nimble:** Generate ultra-fast backups with low RPOs
- **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
- **Direct Storage Access:** Perform vSphere backups faster and with reduced impact by backing up via Direct SAN Access and Direct NFS Access

### Global Alliance Partners:



"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 work week 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

## 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 two minutes
- **Instant File-Level Recovery:** Recover guest OS files and folders on the fly
- **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
- **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
- **Veeam Explorer for Microsoft SharePoint:** Instant visibility into SharePoint backups; easily find and recover specific SharePoint items as well as individual sites
- **Veeam Explorer for Microsoft SQL Server:** Fast transaction and table-level recovery of SQL databases allowing for precise point-in-time restore
- **Veeam Explorer for Oracle:** Transaction-level recovery of Oracle databases, including agentless transaction log backups, enabling precise point-in-time restore
- **Veeam Explorer for Storage Snapshots:** Recover single files and entire VMs from Dell EMC, HPE, IBM<sup>NEW</sup>, Lenovo<sup>NEW</sup>, NetApp, and Nimble storage snapshots
- **Native tape support:** Store entire VM backups or individual files on tape including features like direct restore from tape for growing enterprise environments

## 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 on site for high-Availability or offsite for disaster recovery
- **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

**Contact FirstLight today and become one step closer to achieving intelligent data management for your organization!**

**1-800-461-4863 | [info@firstlight.net](mailto:info@firstlight.net)**

## Supported Environments

### VMware infrastructure

#### Platforms

- vSphere 6.x
- vSphere 5.x
- vSphere 4.1

#### Hosts

- ESXi 6.x
- ESXi 5.x
- ESX(i) 4.1

#### Software

- vCenter Server 6.x (optional)
- vCenter Server 5.x (optional)
- vCenter Server 4.1 (optional)
- vCloud Director 5.5, 8.0 (optional)

#### Virtual Machines

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

### Microsoft infrastructure

#### Platforms

- Windows Server 2016
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2 SP1

#### Hosts

- Windows Server Hyper-V 2016
- 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 2016 (optional)
- 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

## Agent Management

Utilization of agent management functionality requires the installation of the redistributable package of Veeam Agent for Microsoft Windows v2 Update 1 or later and/or Veeam Agent for Linux v2 or later with Veeam Backup & Replication.

## 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.