



# Veeam Backup & Replication

## Modern Data Protection for Hyper-V

"Sometimes Hyper-V support is an afterthought, but not with Veeam. You can tell Hyper-V support is just as important as VMware support."

**Vincent DiStasi**  
**Vice President and**  
**Chief Information Officer**  
**Grove City College**

"Our recovery objectives are each tens of minutes, so we had to find a VM replication solution that would support these requirements. And since we use VMware and Hyper-V in our data center, we needed a solution that would support both platforms."

**Jan Svoboda**  
**RHIAG Group IT Leader**  
**Elit**

### Microsoft Partner

Gold Application Development  
 Gold Management and Virtualization



2012 PARTNER OF THE YEAR  
 Management and Virtualization  
 Winner

"ESG Lab confirmed Veeam **Instant VM Recovery** was **85 times faster** than the standard full-image recovery tested."



With Windows Server 2012 delivering some of the latest technology in virtualization, more organizations are enjoying the benefits of Microsoft Hyper-V than ever before. The challenge, however, is finding a data protection solution that avoids the "3C" problem associated with physical backup tools that have been retrofitted for virtual environments—issues with capabilities, complexity and cost.

Veeam® Backup & Replication™ is Modern Data Protection – Built for Virtualization™. It solves the 3C problem with powerful, easy-to-use and affordable backup, recovery and replication, making it the perfect complement for Hyper-V.

### Built for Virtualization

Veeam's Built for Virtualization approach ensures you get a powerful, easy-to-use and affordable solution that helps you get the most out of your investments in virtualization.

**Agentless:** Physical backup tools add unnecessary complexity through the use of agents in VMs. This makes backups a hassle and puts your critical VMs at risk. Veeam Backup & Replication provides application-aware backup and recovery as well as granular and in-place restore — all without agents.

**Best support for Hyper-V:** Leading support for Windows Server 2012 with Hyper-V including enhanced deduplication and compression and true incremental backup, as well as support for VHDX and VMs on SMB 3.0.

**Virtualization-Powered Data Protection:** Instead of merely tolerating the virtual environment, Veeam leverages it to provide the most comprehensive protection for your virtual infrastructure with:

- **Image-based backup and recovery:** Image-based backup enables faster and more reliable VM recovery, while Instant File-Level Recovery can quickly recover an individual file directly from an image-based backup regardless of operating system or file system
- **2-in-1: backup and replication:** Backup all of your VMs as often as you like and replicate them on site for high availability or off site for disaster recovery; failover and fallback included for near-continuous data protection (near-CDP) for any virtualized application
- **vPower®:** Patented technology that runs a VM directly from a compressed and deduplicated backup file on regular backup storage
- **Virtual Lab:** Automatically create an isolated, protected environment for performing application-item recovery, validating VM backups, and testing, training and troubleshooting without affecting your production environment

## Supported Environments

### Hosts:

- Windows Server 2012 and 2008 R2 SP1 with Hyper-V (including core)
- Microsoft Hyper-V Server 2012 and 2008 R2 SP1 (free version of Hyper-V)

### Software:

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

### Virtual Machines:

- All operating systems supported by Microsoft Hyper-V

## Multi-Hypervisor Support

Veeam Backup & Replication also supports VMware vSphere. With Veeam, you can protect all your VMs—Hyper-V and VMware—from the same console, using the same data protection infrastructure. You can even swap Veeam licenses between hypervisors at no charge!

## 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.

[Compare editions](#)



Add **Cloud Edition** to Veeam Backup & Replication (Enterprise Plus, Enterprise or Standard) and turn Amazon, Azure and every other leading public storage cloud into easy-to-use offsite storage for your backups.

## Powerful, easy-to-use and affordable

Veeam Backup & Replication is a powerful, easy-to-use and affordable solution to the 3C problem with features physical backup tools simply can't match.

**Powerful:** Meet stringent recovery objectives (RTOs and RPOs) with powerful features, such as:

- **Instant VM Recovery™:** Recover a failed VM in as little as 2 minutes
- **Instant File-Level Recovery:** Recover critical files in minutes rather than hours or even days
- **Built-in WAN Acceleration:** Get backups offsite 50x faster and save bandwidth with agentless Backup Copy jobs and built-in WAN acceleration
- **U-AIR® (Universal Application-Item Recovery):** Recover individual objects from any virtualized application, on any OS
- **Changed block tracking:** Proprietary technology that enables 20x faster backups by tracking changes as they occur — eliminating the need to scan the VM image

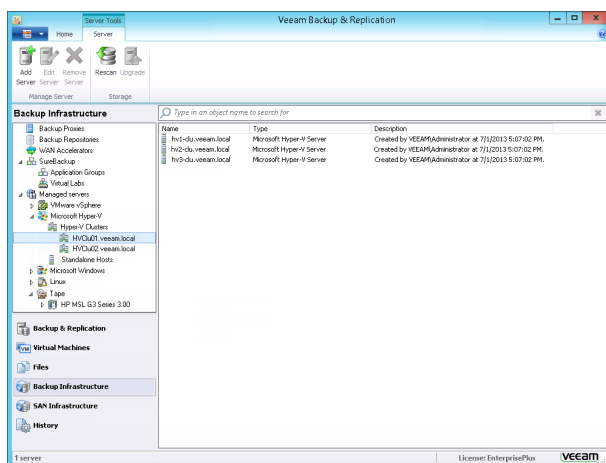
**Easy-to-Use:** Save time and effort with:

- **SureBackup®:** Automatically verify the recoverability of every backup, every time
- **1-Click Restore:** Self-service recovery of VMs and guest files
- **Distributed architecture:** Optimize performance in remote office/branch office (ROBO) and large-scale deployments while maintaining a view of your entire virtual environment through Veeam Enterprise Manager

**Affordable:** Reduce TCO and increase ROI through:

- **Simple per-socket licensing:** No per-VM, per-mailbox or backup infrastructure fees
- **Storage:** Minimize consumption with built-in deduplication, compression and "forever incremental" backups on any disk-based storage, standalone tape drive, virtual tape library (VTL) or the cloud
- **Veeam Explorer™ for Microsoft Exchange and Veeam Explorer for Microsoft SharePoint:** Get instant visibility into Exchange and SharePoint backups for easy e-discovery and item recovery of individual emails, notes, contacts, objects, etc.

In addition to the built-in reports that come with Veeam Backup & Replication, **Veeam Backup Management Suite™** offers advanced monitoring, reporting and capacity planning for your backup infrastructure. Easily identify unprotected VMs, optimize backup resources, automatically document backup status, and more!



View your entire virtual infrastructure via the Veeam backup console.



Learn more  
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