



#1 VM Backup

Veeam Backup & Replication

Complete data protection for Hyper-V

#1 VM Backup

Veeam Backup & Replication is the leader in VM data protection with 50,000 customers worldwide. And with support for Microsoft Hyper-V, that number is growing even faster.

Virtualization brings new opportunities and new challenges for data protection. Unlike tools designed for the physical world, Veeam Backup & Replication was built from the ground up specifically for virtualization. It doesn't just tolerate the virtual environment—it embraces it to deliver Virtualization-Powered Data Protection™.

In doing so, Veeam redefines what you should expect from backup... and what you should expect to pay for it.

Veeam Backup & Replication is a storage agnostic, disk-based backup solution that—together with virtualization—revolutionizes data protection!

Microsoft Partner

Gold Application Development
Gold Management and Virtualization

Veeam is a Microsoft managed partner, with Management and Development, as well as Application Development, competencies.

Virtualization changes everything—especially data protection. So before you can proceed with your Hyper-V initiatives, you need an effective way to backup virtual machines (VMs).

Veeam Backup & Replication™ provides what's been missing from Hyper-V backup:

Speed: Veeam® speeds backup *and* recovery. Recover an entire VM in 2 minutes with Instant VM Recovery. Backup 20x faster with Veeam changed block tracking. You no longer have to pick and choose which VMs to backup, or worry that backups won't finish on time.

Efficiency: With "forever incremental" backups and built-in deduplication and compression, Veeam minimizes network traffic and storage consumption. And by offloading backup processing from hosts and VMs, Veeam minimizes the impact of backup operations on production resources. You get more restore points with less overhead.

Value: Tired of spending so much time, effort and money on backup, and getting so little? Veeam offers a new paradigm for data protection that leverages the disruptive power of virtualization. Free yourself from the high cost and headaches of traditional backup, and provide near-continuous data protection (near-CDP) for any application.

The capabilities that matter most

Now in its sixth major release, Veeam Backup & Replication provides the most robust solution for VM data protection. Capabilities of particular interest to Hyper-V administrators include:

- **2-in-1:** backup and replication in a single solution
- **vPower®:** Exclusive patent-pending Veeam technology that runs a VM directly from a compressed and deduplicated backup file, on regular backup storage
- **Changed block tracking:** 20x faster backup, plus near-continuous data protection
- **Built-in deduplication and compression:** 75% reduction in backup size

The bottom line

With Veeam, you can achieve your most important goals:

- **Reduce costs** with simple per-socket licensing and low TCO (total cost of ownership). And because Veeam Backup & Replication is storage agnostic, you can use any mix of production and backup storage.
- **Achieve recovery objectives** (RTOs and RPOs).
- **Maximize virtualization outcomes**, including server consolidation ratios, availability and agility.

Supported Environments

Hosts:

- Windows Server 2012 and 2008 R2 SP1 Hyper-V (including core installation)
- 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—that's investment protection for your data protection!

Licensing

Veeam Backup & Replication is licensed per CPU socket on the hosts with VMs to be protected by Veeam. There are no per-VM fees and no agents, media servers, management servers or other components to license.

Editions

Veeam Backup & Replication comes in different editions, so you can choose the edition that best meets your needs.

Enterprise Edition includes all the functionality in Standard Edition plus:

- 1-Click File Restore
- Full catalog of Windows guest files (including archived backups)
- Full Veeam Enterprise Manager (including ability to clone and edit jobs)
- Ability to restore Exchange items directly to the original mailbox store

2-in-1: backup and replication

Veeam combines image-based backup and replication in one comprehensive solution. It leverages the opportunity that virtualization provides to replicate VMs to an inexpensive standby host, without special storage or knowledge of application internals required. With virtualization and Veeam, you can provide near-continuous data protection (near-CDP) for any application at a fraction of the cost of traditional CDP.



Agentless

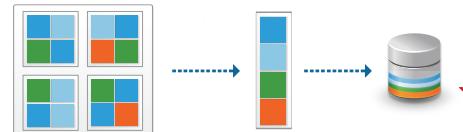
With Veeam Backup & Replication, there are no agents for you to license, deploy, manage or monitor. This streamlines deployment and maintenance of VMs and removes the burden of backup processing from them, so you can run more VMs per host and back up anytime without impacting users.

Changed block tracking

This exclusive Veeam technology speeds incremental backups by 20x. Veeam changed block tracking maintains a list of blocks in the virtual hard disk that have been modified. When it's time to back up or replicate the VM, Veeam Backup & Replication simply refers to this list—it doesn't need to perform a scan-and-compare of the entire VHD. Not only can you back up faster and more frequently, but you can also replicate as often as every 5 minutes.

Built-in deduplication and compression

VM backups must contend with a lot of data: not only are applications producing more data, but each VM itself is a large file that must be protected. That's why Veeam includes deduplication and compression in Veeam Backup & Replication. Together, deduplication and compression reduce network traffic and storage requirements up to 75% or more.



Instant VM Recovery

Veeam's vPower technology enables Instant VM Recovery, which lets you restart a failed VM from a regular backup in as little as 2 minutes—significantly reducing the duration and impact of outages.

Instant File-Level Recovery

Restore guest files directly from an image-level backup—no staging, agents or special backups are required. You can optionally create a catalog of Windows guest files to help you quickly find the files you need (and document compliance with backup policies).

E-discovery and item recovery for Exchange

Have you virtualized Microsoft Exchange Server? Veeam gives you instant visibility into Exchange backups—perfect for e-discovery and recovery of individual items (emails, notes, contacts, etc.).

Veeam Backup & Replication is available standalone and as part of the Veeam Backup Management Suite™. Upgrade to the suite to get advanced monitoring, reporting and capacity planning for Veeam Backup & Replication.



To learn more, visit: www.veeam.com