



Veeam Availability Suite *for Microsoft Hyper-V*

Availability for the Modern Data Center

What is Veeam Availability Suite?

Veeam Availability Suite combines the award-winning data protection and virtualization management expertise of Veeam Backup & Replication and Veeam ONE for Microsoft 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

"It was clear we needed a new solution that would guarantee the availability we needed. Our aim was to find a solution that just worked, and which could be relied upon to do its job effectively."

Marcus Juzwiak
Information System Engineer
Garantum Fondkommission

"Veeam offered support for Hyper-V much earlier than other vendors, which allowed us to back up our Hyper-V VMs shortly after we installed a beta version of Windows Server 2012."

Cameron McBride
Manager, Systems and Software
Solutions
Western Health

"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.

Microsoft Partner

Gold Application Development
Gold Datacenter

With Windows Server 2012 R2 delivering some of the latest technology in virtualization, more organizations are enjoying the benefits of Microsoft Hyper-V than ever before. Veeam® Availability Suite™ enables Windows Server and Hyper-V customers by providing solutions that deliver *Availability for the Modern Data Center™*.

Keys to modern data center availability

Veeam leverages the technologies of the modern data center including server virtualization, modern storage applications and cloud-based services through Veeam Availability Suite. It provides organizations five key capabilities enabling the Always-On Business™ allowing for recovery time and recovery point objectives (RTPO™) of <15 minutes for all applications and data including:



High-Speed Recovery

From a single image-based backup, Veeam Availability Suite provides a wide range of capabilities that can help you tackle virtually any recovery scenario by ensuring rapid recovery of what you want, the way you want it. Veeam enables recovery time objectives (RTOs) of <15 minutes with features, such as:

- **Instant VM Recovery™:** Recover a failed virtual machine (VM) in less than 2 minutes
- **ENHANCED! Veeam Explorer for Microsoft Exchange:** Get instant visibility and granular recovery of individual Exchange 2010 and 2013 items, including hard-deleted items; recover Online Archive mailboxes and perform 1-click recoveries with the new web-based restore portal for help desk operators
- **Veeam Explorer for Microsoft SharePoint:** Search for specific SharePoint 2010 and 2013 files and quickly recover items directly to their original SharePoint server or send them as an email attachment
- **NEW! Veeam Explorer for Microsoft SQL Server:** Get fast transaction-level recovery of SQL databases and restore SQL databases to a precisely desired point in time
- **NEW! Veeam Explorer for Microsoft Active Directory:** Instantly recover individual Active Directory objects and entire containers; easily recover user accounts and computer passwords



Data Loss Avoidance

Veeam Availability Suite helps you avoid data loss by enabling low recovery point objectives (RPOs) of <15 minutes and facilitating offsite data protection with:

- **NEW! Veeam Cloud Connect:** Get your backups offsite with a fully integrated, fast and secure way to backup and restore from the cloud
- **Built-in WAN acceleration:** Get backups offsite 50 times faster and save bandwidth with agentless Backup Copy jobs and built-in WAN acceleration

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

Multi-Hypervisor Support

Veeam Availability Suite also supports VMware vSphere. With Veeam, you can protect all of your VMs—vSphere 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. That's investment protection for your data protection!

Three affordable editions

Veeam Availability Suite is offered in three editions – Standard, Enterprise, and Enterprise *Plus* – delivering a solution for every budget. [View all editions](#)

Veeam is agentless

With Veeam, you'll never have to update another agent, recover another virtual machine from scratch or explain why you're still missing your backup windows.

Best support for Hyper-V

Veeam fully supports Microsoft Hyper-V and responding quickly to new Windows Server releases is a top priority. Support includes built-in deduplication, compression and true incremental backup, as well as support for 64TB VHDX and VMs on SMB 3.0 storage.

- **2-in-1: backup and replication™:** Improve offsite backup and recovery with additional replication enhancements, including WAN-accelerated replication, replication from backup and 1-click site failover with support for planned failover
- **NEW! End-to-end encryption:** Secure your data during backup, in flight and at rest—and still maintain your ability to easily recover backups even if the password is lost without compromising security



Verified Protection

With SureBackup® you can be certain your files, applications, and virtual servers can be reliably restored when needed and ensure business resiliency through automated backup testing.



Leveraged Data

With Veeam Availability Suite, you can leverage your backup infrastructure to test changes, patches and upgrades using Virtual Lab—an isolated, secure, production-like environment—to mitigate the risks and minimize potential downtime associated with application deployment.



Complete Visibility

Veeam Availability Suite helps you take control of your backup and virtual environments by providing monitoring and alerting tools that allow you to discover and be alerted to issues before they have a significant impact on operations. By utilizing the features and capabilities of Veeam ONE™, Veeam Availability Suite delivers:

- **24x7 real-time monitoring and alerting:** Be notified of backup and performance issues before users are affected
 - **Resource optimization and capacity planning:** Remove the guesswork from planning and provide complete visibility of resource usage across your entire infrastructure
 - **Fully customizable reporting:** Simplify backup compliance auditing requirements and provide concise pictures of resources and workloads. Includes over 25 backup reports to help maintain system availability.
- And more!



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hyperv.veeam.com

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