

Veeam Availability Suite *for Microsoft Hyper-V*

Availability for the Always-On Enterprise

With the release of new and enhanced Windows Server 2016, more organizations are enjoying the benefits of Microsoft's Hyper-V, enterprise applications and Azure than ever before. Veeam® Availability Suite™ enables Windows Server and Hyper-V backup, recovery and replication by providing solutions that deliver *Availability for the Always-On Enterprise™*.

Keys to modern data center Availability

Veeam Availability Suite delivers Availability for **ALL** workloads – virtual, physical and cloud – from a single management console. It provides organizations five key capabilities enabling the Always-On Enterprise™ including:

High-Speed Recovery

Veeam Availability Suite delivers rapid recovery of what you want, the way you want it, with fast and reliable restore at your fingertips for entire VMs, individual files and application items, providing recovery times in minutes. Features include:

Instant VM Recovery®: Recover a failed VM in less than two minutes!

Instant File-level Recovery: Restore files from 19 common file systems directly from an image-level backup.

Veeam Explorer™ for Microsoft Active Directory: Instantly recover individual Active Directory objects and entire containers, easily recover user accounts/passwords, enable restores of Group Policy Objects, integrated DNS records, Configuration Partition objects and more.

Veeam Explorer for Microsoft Exchange: Get instant visibility and granular recovery of individual Exchange items, including hard-deleted items you thought were lost forever, detailed export reports for eDiscovery and more.

Veeam Explorer for Microsoft SharePoint: Get instant visibility into SharePoint backups; easily find and recover specific 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: Get transaction-level recovery of Oracle databases, including agentless transaction log backups, enabling precise point-in-time restore.

Veeam Restore to Microsoft Azure: Optimize resource allocation and minimize costs by restoring or migrating on-premises Windows and Linux-based VMs, physical servers and endpoints directly into Microsoft Azure.

Data Loss Avoidance

Veeam provides low RPOs and streamlined disaster recovery (DR) and simple, secure off-site backups.

2-in-1: backup and replication™: Create fast, application-consistent image-level VM backups and advanced, image-based VM replication.

What is Veeam Availability Suite?

Veeam Availability Suite is Veeam's flagship product, delivering Availability for **ALL** workloads – virtual, physical and cloud – from a single management console. It combines the industry-leading backup, restore and replication capabilities of Veeam Backup & Replication™ with the advanced monitoring, reporting and capacity planning functionality of Veeam ONE™.

"Over the course of five years, Veeam saved us more than \$86,000. That's a significant savings for any organization operating under a strict budget."

Brent Braun,
Network Infrastructure Security Specialist,
Appleton Area School District

"It's Veeam Backup & Replication combined with the virtual environment that gives us an edge in disaster recovery. This is a quantum leap past the physical backup world."

Anders Juhl Nielsen,
SAP Basis Consultant,
L'Oréal Denmark

"Every time you restore a lost object with Veeam, it saves your day."

Anders Johansson Manager,
Server and Internal Systems,
Viking Line

"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.



Veeam Cloud Connect: Get backups and replicas off site without the cost and complexity of building and maintaining an off-site infrastructure. Veeam Cloud Connect provides a fully integrated, fast and secure way to backup, replicate and restore from the cloud. Simply choose a service provider and point your backups or replica jobs to the cloud!

Built-in WAN acceleration: Get backups off site 50x faster and save bandwidth with agentless Backup Copy jobs and Built-in WAN acceleration.

PLUS MORE: Experience built-in compression and deduplication, advanced ReFS integration, native tape support, EMC Data Domain Boost and HPE StoreOnce Catalyst integration and end-to-end encryption.

Verified Recoverability

Veeam guarantees recovery of every file, application or virtual server, every time. 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

Veeam reduces the risks associated with application deployment by putting backups and replicas to work in a production-like environment. You can test or troubleshoot applications in one or more VMs from an On-Demand Sandbox™ without impacting production workloads.

Complete Visibility

Veeam Availability Suite provides complete visibility into your entire IT environment, including virtual, physical and cloud-based workloads with direct integration of agent management^{NEW} in Veeam Backup & Replication. In addition, with support for VMware vSphere and Microsoft Hyper-V, Veeam ONE provides proactive monitoring and alerting through interactive tools so you can be alerted to potential problems before operational impact through:

- **24x7 real-time monitoring, reporting and alerting for virtual and physical environments:** Notify users of Availability and performance issues to avoid downtime, meet SLAs and maintain compliance.
- **Resource optimization and configuration tracking:** Evaluate the performance of your infrastructure and ensure existing configurations meet best practices.
- **Capacity planning and forecasting:** Forecast resource usage and utilization trends with “what if” modeling and resource overcommit tracking for backup and virtual infrastructures.
- **Chargeback and billing:** Gain complete visibility into IT costs of compute, storage and backup repository resources.

In addition, you can gain visibility into the Veeam backup infrastructure from inside Microsoft System Center, Kaseya VSA and LabTech, as well as scale your business with a distributed architecture and centralized management console.

Supported environments

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 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.

Multi-Hypervisor and Agent Support

Veeam Availability Suite offers support for Hyper-V, vSphere, as well as built-in management for Veeam Agent for Linux and Veeam Agent for Microsoft Windows from one console. It's also flexible allowing users to swap Veeam licenses between hypervisors at no extra charge.

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.](#)

Best support for Hyper-V

Veeam launched its Microsoft Hyper-V support in 2011 — years ahead of other vendors in the Hyper-V backup market — and has continued to invest in its deep technical Hyper-V integration by being one of the first vendors to support Windows Server 2012 R2 and Windows Server 2016 with Hyper-V.

Global Alliance Partner:



Contact us today and become one step closer to achieving Availability for the Always-On Enterprise!

Company Name: C-NEST Botswana

Phone: +267 71729186

Contact Person: Ray

Email: enquiries@c-nest.com