

## Veeam Availability Suite

# Availability for the Always-On Enterprise

Organizations are modernizing their data centers in order to provision IT services faster, strengthen security and control, lower operational costs and increase business agility. While building these modern data centers, organizations are investing in server virtualization, modern storage applications and cloud-based services.

However, businesses are also facing new demands from end users, including access to data and applications 24/7, no patience for downtime or data loss and exponential data growth at 30-50% per year. Specifically, CIOs are reporting that businesses are increasing their requirements for both minimizing downtime and guaranteeing access to data.

## The Availability gap and the Always-On Business

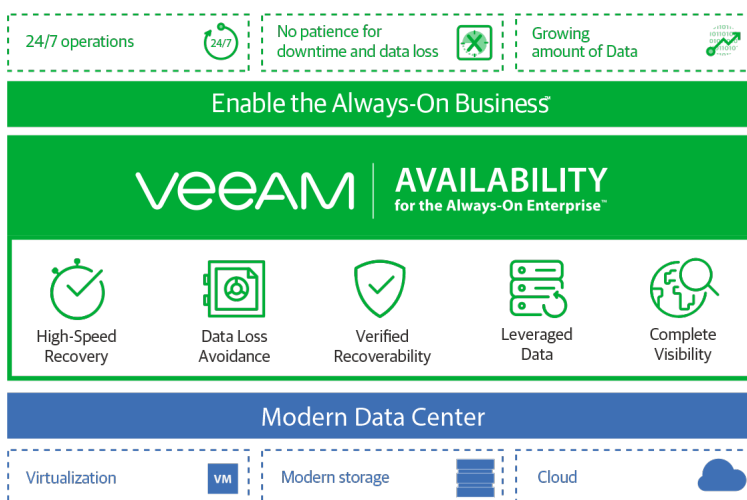
As these Availability requirements increase, businesses are trying to adopt an Always-On™ approach. However, many are still settling for legacy backup solutions where they continue to face shortcomings like:

- Lengthy recovery time objectives (RTO) and recovery point objectives (RPO) of hours and days.
- Less than 6% of backups tested each quarter More than 16% of backups failing to recover.
- 59% of patches or upgrades to applications resulting in more downtime than expected.
- Limited visibility to detect issues before they have an operational impact.

This opens a gap — an “Availability gap” — between the requirements of the Always-On Business™ and IT’s ability to effectively deliver Availability. In fact, 82% of CIOs say that there is a gap between the level of Availability they provide and what end users demand.

## Bridging the Availability gap

Veeam bridges this gap by providing customers something fundamentally different — an Availability solution, which meets SLAs for recovery time and point objectives (RTPO™) of < 15 minutes for ALL applications and data.



### What is Veeam Availability Suite?

Veeam® Availability Suite™ 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™ for VMware vSphere and Microsoft Hyper-V.

According to a recent analyst report by ESG<sup>1</sup>, by using Veeam’s Availability Suite:

- 96% of Veeam recoveries are within RTO SLAs, compared to 78% for other solutions.
- 83% of Veeam customers are more content in their current backups compared previous solutions.
- 71% of Veeam customers report improved reliability of backups compared to other solutions.
- 65% of Veeam Virtual Lab users save \$1,000 or more, and 84% save an hour or more every month by avoiding deployment problems.
- 71% of Veeam customers say that their risk awareness has improved using Veeam monitoring and reporting tools compared to other solutions.

<sup>1</sup> ESG Customer Insights Research, February 2014

“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



## Five key capabilities that enable the Always-On Enterprise

Veeam Availability Suite provides organizations with five key capabilities that enable the Always-On Enterprise:

### High-Speed Recovery

#### Rapid recovery of what you want, the way you want it

Veeam Availability Suite helps you quickly recover the data you need to enable the lowest RTOs with tools like Instant VM Recovery®, Veeam Explorer™ for Microsoft Exchange, Active Directory, SharePoint, and SQL Server, Veeam Explorer for Oracle – and more!

### Data Loss Avoidance

#### Low RPOs and streamlined disaster recovery

With features like 2-in-1: backup and replication™, Built-in WAN acceleration, Backup from Storage Snapshots for Cisco, Dell EMC, HPE, IBM, Lenovo, NetApp and Nimble Storage, Veeam Cloud Connect, Scale-out Backup Repository™, EMC Data Domain Boost and HPE StoreOnce Catalyst integration, native tape support and more, you can avoid data loss and achieve the lowest RPOs.

### Verified Recoverability

#### Guaranteed recovery of every file, application or virtual server, every time

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

### Leveraged Data

#### Using backup data and storage snapshots to create an exact copy of your production environment.

Enjoy low-risk deployment with Virtual Lab, allowing you to test changes in a production-like environment before actually deploying them.

### Complete Visibility

#### Proactive monitoring and alerting of issues before operational impact

Veeam Availability Suite provides the ability to manage virtual, physical and cloud-based workloads from a single console, as well as provide access to monitoring and alerting tools so that you can discover, and be alerted to issues in your IT environment before they have a significant impact.

### What's New in 9.5?

The latest version of Veeam Availability Suite 9.5 delivers Availability for ALL workloads – virtual, physical and cloud – from a single management console, through a number of new features and enhancements including:

#### Manage virtual, physical and cloud-based workloads from one console

Built-in management for Veeam Agent for Linux and Veeam Agent for Microsoft Windows<sup>NEW</sup> enables users to manage backup functionality for virtual, physical and cloud-based workloads from a single Veeam console.

#### Veeam Explorer for Storage Snapshots and Backup from Storage Snapshots for Dell EMC, Hewlett Packard Enterprise (HPE), IBM<sup>NEW</sup>, Lenovo<sup>NEW</sup>, NetApp, and Nimble Storage

Leverage Dell EMC, HPE, IBM, Lenovo, NetApp and Nimble storage array technologies to create ultra-fast backups from storage snapshots for quick, efficient entire VM or item-level recovery. Storage Snapshot support is also available for Cisco HyperFlex.

#### 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.

#### Updated Hypervisor Integrations

With 9.5, users get FULLY integrated support for VMware vSphere 6.5 and Microsoft 2016 data center technologies including Windows Server 2016, Hyper-V 2016 (Resilient Change Tracking, Nano Server hosts and Storage Spaces Direct), and support for 2016 Microsoft enterprise applications.

#### Advanced ReFS Integration

Greater backup storage performance and capacity efficiencies through fast cloning of Veeam backups and instantaneous transforms for even shorter backup windows.

#### Enterprise Scalability

Scale up backup and replication activities and shorten backup windows while reducing impact on production environments, including accelerated backup performance, faster restores of larger VMs and more efficient workload management.

...and more!

**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