Veeam Software and Nimble Storage

Flash-optimized storage and integrated Availability for the Always-On Enterprise

The exponential growth of data and provisioned IT services is forcing businesses and enterprises of all sizes to rethink their Availability strategy. Through a host of new integrated features, Veeam® Backup & Replication™, paired with Nimble Storage, delivers a complete Availability solution capable of scaling backup and replication activities efficiently and effectively, regardless of the size of your environment and number of VMs.

Business needs and challenges

In virtualized environments, traditional solutions for storage, backup and recovery are unable to scale to meet the ever-increasing need for scalable performance, continuous data protection and Always-On™ application Availability. The challenge is disaster recovery (DR) infrastructure can be cost prohibitive and complex to implement and manage. Businesses need cost-effective Availability solutions which drive down both recovery time objectives (RTOs) and recovery point objectives (RPOs) in order to support an efficient, dynamic and agile infrastructure.

Technical challenges

Growing virtualized workloads, like Microsoft Exchange and SQL Server, are driving the need for increased levels of storage performance. In addition, these critical business services require very stringent levels of data protection. And, while IT professionals have leveraged the benefits of array-based, point-in-time snapshotting features to improve RPOs, the manual snapshot mount processes required to capture array backups are typically inefficient and error-prone. In addition, long backup windows can impact the Availability and performance of business-critical applications and services. In some cases, backups may not be taken frequently enough or not at all, leaving important business data unprotected.

Veeam delivers Availability for the Always-On Enterprise™ through direct integration with Nimble Storage and the Veeam Availability Suite™. This integration reduces the impact on your production environment and helps your business consistently achieve lower recovery time and point objectives (RTPO™). Veeam's advanced integration with Nimble storage snapshots, enables businesses to meet modern SLAs that are simply unachievable without the direct integration between the two technologies. The Veeam and Nimble solution provide the following capabilities:

Business challenges

- Growing data and shrinking backup windows

- Zero tolerance for downtime

- Costly and complex infrastructure

Key benefits

- Low RPO protection through frequent crash- and application-consistent Nimble storage snapshots

- Meet enterprise-level SLAs with granular recoveries from Nimble storage snapshots

- Sustained high performance by backing up from Nimble storage snapshots and their replicated copies
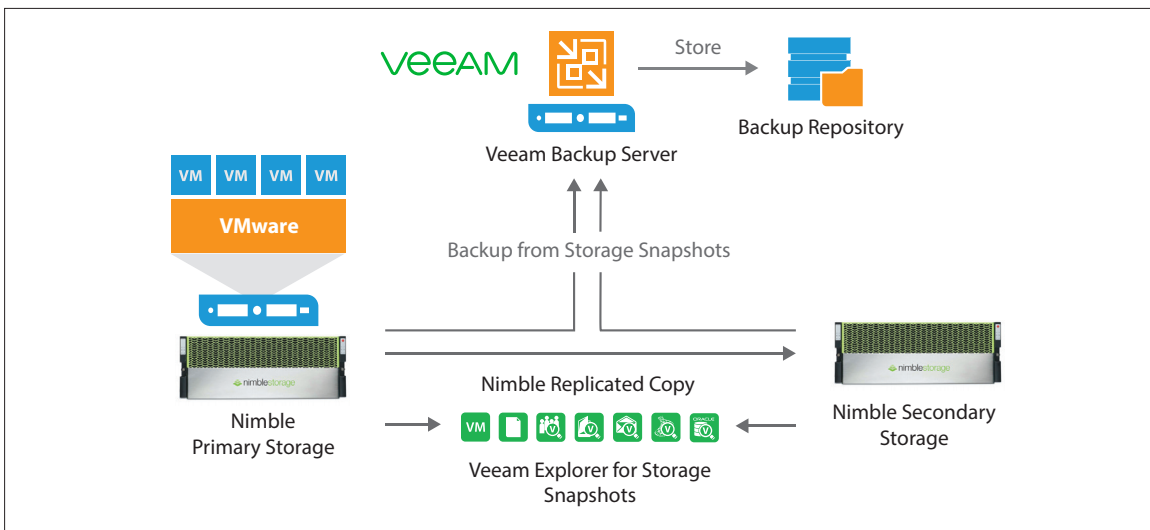
Supported environments

- Veeam Backup & Replication 9.5 or later

- Nimble OS 2.3.16 or later

- VMware vSphere 6.0, 5.x or 4.1

nimblestorage
a Hewlett Packard Enterprise company

06222017

veeam

1 + 1 = 3
HPE + Veeam
Better Together

Solution
Brief

Backup from Storage Snapshots lowers the additional impact from backup activities on production storage by retrieving VM data directly from array-based Nimble storage snapshots on primary storage, as well as from replicated copies on secondary storage, eliminating performance overhead and snapshot commit issues.

Veeam Explorer™ for Storage Snapshots integrates with Nimble storage snapshots and their replicated copies, delivering greatly reduced RTOs by allowing granular recovery of individual items directly from storage snapshots, eliminating the need for staging contents to disk and intermediate restores.

On-Demand Sandbox™ for Storage Snapshots enables IT professionals to leverage storage snapshots on primary and secondary storage systems to create complete isolated copies of production data in just a few clicks, for fast and easy application developing, testing and troubleshooting.

Veeam Backup & Replication

Veeam recognizes the new challenges companies across the globe face in enabling the Always-On Enterprise™, a business that must operate 24.7.365. To address this, Veeam has pioneered a new market of Availability for the Always-On Enterprise by helping organizations meet today's service-level objectives enabling recovery of any IT service and related applications and data within seconds and minutes.

Nimble Storage

Nimble Storage is the leader in predictive flash storage solutions. Nimble offers a Predictive Flash platform that combines flash performance with predictive analytics to predict and prevent barriers to data velocity caused by complex IT infrastructure. Nimble customers experience absolute performance, with measured availability of 99.9999% and cloud-like agility that accelerate critical business processes. More than 10,000 enterprises, governments and service providers have deployed the Nimble Predictive Flash Platform across more than 50 countries. For more information visit www.nimblestorage.com.

nimblestorage
a Hewlett Packard Enterprise company

Learn more
www.veeam.com

Download free trial
veeam.com/backup