Predictive Availability for Modern Data Center Infrastructure

Demands for better storage performance, scalability, improved data protection and simplicity are growing in today's data centers. The rapid adoption of virtualization and server consolidation has further compounded the need for efficient network storage that can keep up with these unpredictable workload demands. In virtualized environments, traditional solutions for storage, backup and recovery are unable to scale to meet ever-increasing protection demands. Disaster recovery, though critical, can be too expensive and complex. Businesses need to drive down both Recovery Point Objective (RPO) and Recovery Time Objective (RTO) times in order to support an efficient, dynamic and agile infrastructure.

The Nimble Storage Solution for Veeam Availability Suite

Veeam Availability Suite data protection software in combination with Nimble Storage protects virtualized environments, improves backup routines, and enables IT teams to manage storage without the need for expensive external consultants. Recent integration further empowers administrators to achieve higher application availability by leveraging array-based capabilities, through the Veeam GUI, that reduce the impact on the production host environment. These integrated features include: Backup from Storage Snapshots, Veeam Explorer™ for Storage Snapshots, and On-Demand Sandbox™ for Storage Snapshots.

Simplified Data Protection

Veeam Availability Suite is known for its combination of backup, restore and replication capabilities found within Veeam Backup & Replication, along with monitoring, reporting and capacity planning from the Veeam ONE product. The latest version extends integration to the Nimble platform to improve functionality and ease of use: administrators can now leverage and manage array-based snapshots on Veeam-protected Nimble arrays, and control them from within the Veeam GUI. This simplifies data protection while increasing administrator efficiency.

VM-Level Protection

Veeam is known for award-winning backup, recovery and replication for VMware vSphere and Microsoft Hyper-V virtual environments. Data protection can be automated with VM-level granularity, and the recovery of individual files, items or entire virtual machines (VMs), can be done quickly — in two minutes or less — without staging or intermediate steps. Specific features of this integrated solution include the ability to quickly and easily retrieve VM data from Nimble Storage snapshots on primary storage and replicated copies on secondary storage.

Superior Data Efficiency

Nimble Storage arrays offer industry-leading data reduction capabilities that can result in 10x space savings or more. This allows you to deploy increased data protection that matches the needs of your business without worrying about the cost of ballooning capacity. Data reduction capabilities include content-aware deduplication on All Flash that delivers 5x more effective capacity, variable block compression, zero pattern elimination, and zero copy clones that can clone snapshots without any added capacity use. In addition, Nimble Storage arrays can store thousands of snapshots with no performance penalty.

SOLUTION OVERVIEW

The Nimble Storage Predictive Flash platform with the Veeam® Availability Suite™ creates a powerful, easy-to-use and affordable end-to-end data protection solution. Top benefits include:

- Simplified Data Protection
- Optimized for Virtualized Environments
- Superior Efficiency and Availability

Why Veeam

Veeam has pioneered a new approach in delivering Availability for the Always-On Enterprise™. Their data protection software helps organizations meet recovery time and point objectives (RTOPO™) of less than 15 minutes for all applications and data, through a fundamentally new kind of solution that delivers high-speed recovery, data loss avoidance, verified recoverability, leveraged data and complete visibility.

CUSTOMER SUCCESS

Youth Horizons is a New Zealand based social services organization that was experiencing growth in its programs that was causing data to expand beyond their current systems. They adopted a Nimble Storage solution with Veeam for data protection that greatly expanded capacity while improving backup routines. It was easy to manage which enabled in-house management without the need for expensive external consultants.

“Nimble gives us two things. It's so easy we can manage storage ourselves, and secondly, we have enough capacity in there to grow so much more.”

Yashneel Pratap
IT Support and Development Manager, Youth Horizons
**Predictive Flash Platform**

Flash is a game changer, but on its own it is not enough. Experience absolute performance, non-stop availability, and cloud-like agility through predictive analytics embedded in a Unified Flash Fabric. With InfoSight™ predictive analytics, you can monitor your entire storage infrastructure with a click of a button, and use trend analysis to plan for future needs. InfoSight predicts and prevents nine out of ten problems, and has visibility across the application-to-storage stack, achieving 99.9997% uptime across the Nimble Storage customer base.

**Get Started**

Nimble Storage is the ideal primary storage platform to complement your Veeam deployment. It delivers flash performance that scales seamlessly, data analytics with predictive alerting through InfoSight, and simplified management of your entire storage infrastructure through a Unified Flash Fabric.

To learn more, visit www.NimbleStorage.com and www.Veeam.com