Cost Effectively Scale Your Veeam Backup Repository with a Cloud Object Storage System from Western Digital

Veeam Cloud Tier provides native integration with S3 interface-compatible object storage in private, hybrid and multi-cloud environments

**Highlights**

- Combining Veeam Hyper-Availability Platform with Western Digital’s ActiveScale™ cloud object storage system provides limitless scalable storage across private, hybrid and multi-cloud environments.
- ActiveScale is an Amazon S3 compatible object storage system used to economically extend the Veeam primary backup repository with some of the lowest cost/TB in the industry.
- Store data in S3 compatible object storage system without any “double charges”, unlike with other backup providers who impose a “cloud tax” on top of the cloud provider’s storage cost.

**Challenge**

- Cost effectively managing exponential data growth.
- Meeting increasing data retention requirements from privacy or other regulations.
- Extending retention policies to allow for increased data analytics.
- Managing data across private, hybrid and multi-cloud environments.
- Avoiding vendor lock-in associated with secondary storage appliances.

**Western Digital and Veeam**

Massive data growth, increasing compliance requirements and restrictive IT budgets are placing increasing demands on organizations to deploy more efficient data protection strategies to meet their business objectives.

Veeam® Hyper-Availability Platform™ is the most comprehensive data-protection solution available for managing data across any application or cloud infrastructure. Western Digital and Veeam, collectively deliver a simple and powerful cloud object storage system, that can be used on premises, to address the worlds’ most complex virtualized and hybrid/multi-cloud environments. The combined solution provides customers a highly scalable, easy to manage data protection solution at a fraction of the cost of traditional storage solutions.

Veeam Cloud Tier, included in the latest Veeam Availability Suite 9.5 Update 4, is the built-in automatic tiering feature of Scale-out Backup Repository™ that offloads older backup files to more affordable storage, such as ActiveScale on-premises cloud object storage.

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Scalable, Cost Effective Backup Repository

Veeam Cloud Tier enables the Veeam primary backup repository to easily scale to petabytes of capacity for long-term data retention by natively integrating with an ActiveScale cloud object storage system.

High Speed Recovery and Data Durability/Availability

Leveraging the Veeam Hyper-Availability Platform avoids the performance impact of data re-hydration, allowing data to be streamed directly from ActiveScale cloud object storage. This feature along with up to 8GB/sec throughput from ActiveScale ensures data is readily available and that recovery objectives are met.

Private, Hybrid and Multi-Cloud Support

The combination of ActiveScale and Veeam is supported in private, hybrid and multi-cloud environments. Veeam Cloud Tier provides built-in, automatic, policy-based tiering allowing customers to offload data from expensive storage.

Data stored in ActiveScale does not incur “double charges” unlike with other backup providers that impose a “cloud tax” on top of the cloud provider’s storage costs.

Cloud Based Analytics

ActiveScale’s advanced and easy-to-use management and analytics tool, ActiveScale CM, provides cloud-based system insights and analytics for our cloud object storage systems. With ActiveScale CM, Administrators can easily review system health, capacity utilization and other metrics from a single GUI across multiple systems.

In Summary

With data continuing to grow exponentially, storing, managing, and protecting business-critical information within a tight budget is a challenge.

Western Digital’s ActiveScale cloud object storage systems allow customers to easily keep up with data growth and deliver on their data protection objectives. ActiveScale provides an on-premises and hybrid-capable cloud system that seamlessly extends existing primary backup repositories with massive scalability, outstanding levels of durability, and affordability. This enable IT organizations to reduce storage costs while allowing users and applications to seamlessly access all data as normal.

Veeam enables the Always-On Business™ by providing solutions that deliver Availability for the Modern Data Center™, which provides recovery time and point objectives (RTPO™) of less than 15 minutes for all applications and data. Veeam recognizes the challenges in keeping a business up and running at all times and addresses them with solutions that provide high-speed recovery, data loss avoidance, verified protection, leveraged data and complete visibility.

The combination of Veeam Availability Platform and Western Digital ActiveScale delivers a reliable, easy-to-manage and “VM-aware” storage and data protection solution that is ideal for virtualized private, hybrid and multi-cloud storage environments.

To learn more, please visit www.westerndigital.com