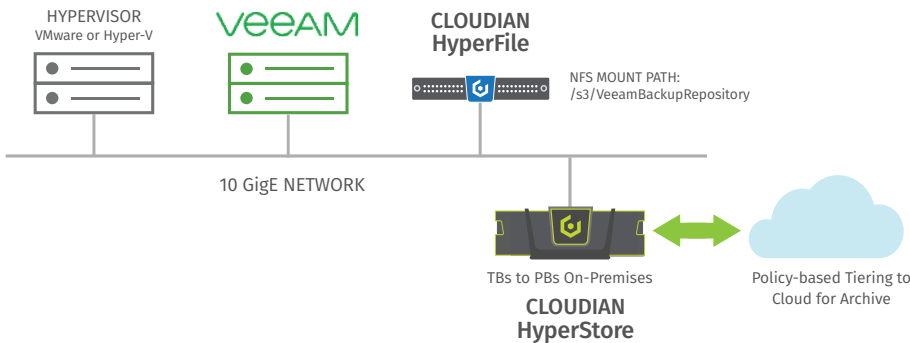


Veeam with Cloudian HyperStore

Cloudian HyperStore and Cloudian HyperFile provides a plug-and-play on-premises target for Veeam data protection solutions. The combination lets you deploy Cloudian in place of traditional file solutions, at 70% less cost. Policy-based tiering to the public cloud provides capacity expansion and offsite storage for disaster recovery.



Cloudian serves as an on-premises backup target for Veeam backup processes. Policy-based tiering to the public cloud provides capacity expansion and offsite storage for disaster recovery.

Scalable, Cost-effective Backup Target

Cloudian HyperStore is a scale-out object storage system that provides a fast, cost-effective backup target for Veeam data protection solutions.

Available as an appliance or as software, Cloudian lets you start small and expand seamlessly from TBs to PBs without interruption.

Cloudian HyperFile provides a proven connector from Veeam to Cloudian, allowing Cloudian to operate as a drop-in target within your Veeam storage environment.

High Speed Recovery

Achieve Recovery Time Objectives (RTOs) of less than 15 minutes. With Cloudian as a Veeam Backup Repository, it is recommended to use Instant Virtual Machine (VM) Recovery or Instant File Level Retention (FLR) to recover your virtual machine instances or files with ease.

Data Loss Avoidance

With Veeam, you can use any of the available data protection options for fast, reliable, and efficient backups. Achieve low Recovery Point Objectives (RPOs) with built-in, streamlined disaster recovery.

Verified Recoverability

Veeam makes recoverability testing of all your virtual machines a reality. Veeam guarantees the recoverability of every file, application, or virtual server with SureBackup. With Cloudian HyperStore, your data is secure and made available across your cluster. You can use Cloudian's Cross Region Replication as another level of data protection to ensure your data is secure and available for disaster recovery anytime and anywhere with Veeam.

Complete Visibility

Utilize Veeam's tools to monitor health, troubleshoot performance, and plan and test disaster recovery. Easily manage regulatory compliance requirements with Cloudian HyperStore by deploying your own on-premise cloud storage solution that is guaranteed to be fully S3 compliant.

BACKUP CHALLENGES

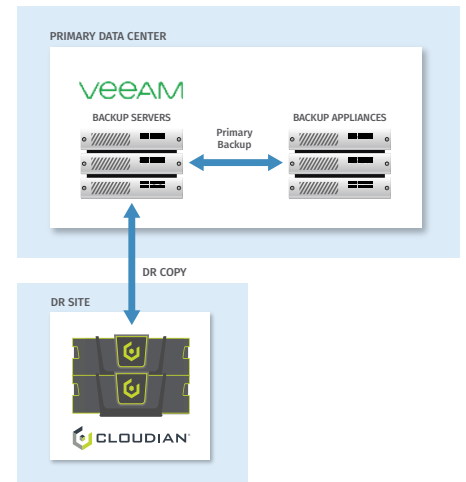
- Growing backup capacity requirements
- Offsite backup or DR adds significant cost and/or logistical issues

CLOUDIAN SOLUTIONS

- Hybrid cloud backup and archive
- Secondary backup target

FEATURES & BENEFITS

- Plug-and-play backup target
- Proven in Veeam environments
- Petabyte-scalable storage
- Scalable throughput (>18 TB/hr with 16 nodes)
- Automated tiering to public cloud
- Costs under \$.01 per GB per month, including support
- Target deduplication (optional)



Secondary Backup Target

With reduced hardware costs and the elimination of replication licenses, Cloudian provides substantial savings as a secondary backup target for disaster recovery.



Veeam Backup & Replication™

leverages virtualization, storage, and cloud technologies to maximize app and data availability.

Use Veeam's deep analysis and monitoring tools for your VMware and Hyper-V infrastructure to uncover potential issues. Leverage Cloudian's object locator to easily find objects in the HyperStore cluster.

High Availability

Use Veeam with Cloudian HyperStore to ensure that there is no single point of failure. These solutions are software-defined and scale-out by design.

Security

Both Veeam and Cloudian solutions provide security of in-flight data and data-at-rest with AES 256-bit encryption. Easily leverage the built-in security of Veeam or Cloudian HyperStore to protect your data. Share any Veeam backups within your own IT organization using Cloudian HyperStore as the backup repository for disaster recovery purposes. Manage your data protection and accessibility across multiple regions with your own on-premise cloud storage solution.

Multi-tenancy

Both Veeam and Cloudian HyperStore support multi-tenancy. Use Veeam's Enterprise Backup Manager for role-based access control. With Cloudian HyperFile, you can easily join an Active Directory domain to assign roles and HyperFile access through domain users and/or groups.

Target Deduplication

If target deduplication is desired, Cloudian offers optional software which can achieve backup data reduction ratios of 30:1 or more. The deduplication software runs on industry-standard servers. For archive or DR applications, the deduplication solution can be co-located with the backup servers, thus minimizing the traffic over the remote link.

Highly Durable Storage

Cloudian HyperStore is designed to tolerate disk, server, rack, or data center failure and automatically corrects bit-rot and network errors.

Lower TCO

Cloudian gives you the option of deploying appliances or software on standard x86 servers. Either way, you get a scalable backup target at costs under \$0.01 per GB per month.

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