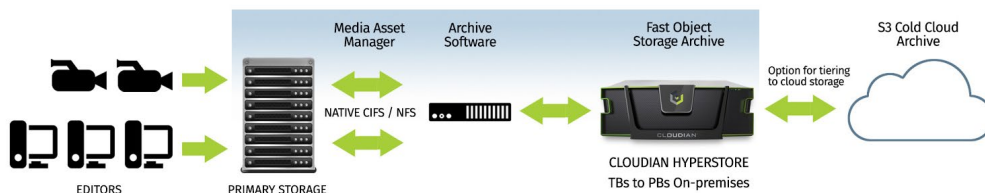


Simplify Content Distribution with Cloudian HyperStore On-premises S3 Storage

The Challenge

The broadcast and media industries need bulk storage. While disk-based “nearline” storage solutions are often the preferred media repository for broadcasters, studios, advertising agencies, and post-production companies, new formats, such as 4K, 360 degree, and 60 frame video introduce new storage challenges. As capacity requirements grow exponentially, traditional solutions become cost-prohibitive and insufficiently scalable.



Solution Overview

Cloudian HyperStore S3 storage solutions provide petabyte-scale on-premises storage at an affordable cost. And they are compatible with popular media asset manager software such as Critique, ReachEngine, Primestream, Vidispine, Dalet, and VizOne.

With the option of policy-based tiering to the Amazon S3 cloud, you get essentially limitless capacity on demand. Assets in the Amazon cloud can be utilized by AWS Cloudfront for CDN distribution, or monetized with services like Wazee, or media farmed with Amazon Elastic Transcoder. Tiered assets can also be stored economically and protected indefinitely with Glacier Vault Lock with WORM compliance.

Active Archive

With today's 4K workflow, a middle tier is required where content not actively used is relocated to lower-cost storage and Cloudian disk-based storage enables file access in a far more efficient manner than tape. Files can easily be moved between the performance tier and the Cloudian active archive tier.

For offsite storage or content distribution, Cloudian integrates seamlessly with the Amazon cloud for scalable and cost-effective hybrid cloud deployments. Dynamic migration from on-premises physical storage to off-premises cloud storage allows near infinite capacity scaling to meet the security requirements of media and broadcasting environments. This solution ensures the security and control of data for business critical digital video workflows as well as a low-cost, offsite long term data archiving solution.

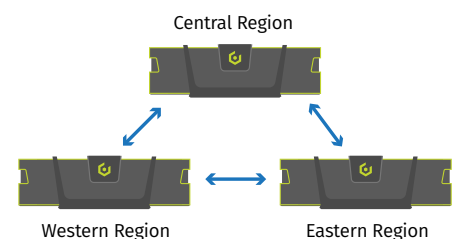
Flexible Multi-Data Center Capabilities

Many movie producers and broadcasters post-production services are geographically dispersed and/or have many teams that need to have access to the same data files at the same time. These workgroups need to share and collaborate on content at the same. While users are accessing data globally, there should be features to back up data while under load.

Production houses and broadcasters want to improve sharing across these remote locations and workgroups, protect and secure the data, and have central IT administration

KEY FEATURES & BENEFITS

- Amazon S3 API compatibility
- 70% less cost than traditional disk
- AES 256-bit encryption
- Cross-region replication
- Rich metadata tagging
- Compatible with leading MAM, transcoding, and file acceleration software
- Multi-part upload



Multi-Data Center

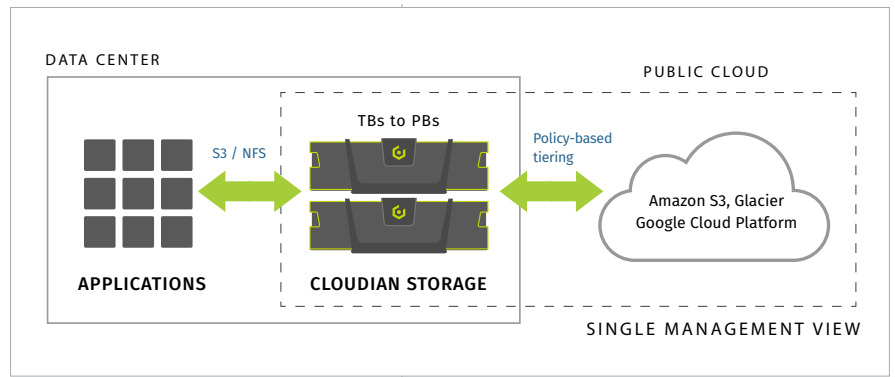
Production houses and broadcasters can share data among multiple locations.

and control. Cloudian HyperStore storage provides a trusted S3 compatible backup system that is compatible with hundreds of S3 compatible applications.

By using Cloudian HyperStore in a multi-data center configuration, the administrator can easily implement a disaster recovery solution by having a second data center for disaster recovery. The solution also offers deployment choices that can be a fully private cloud backup where backup data stays within the firewall or a public cloud backup where all the backup data is stored in a service provider location.

Rich Metadata Tagging

Cloudian Hyperstore supports rich metadata tagging to store user-defined metadata when the file is uploaded. This allows content creators to store important attributes about the video file, to enhance the value of assets for future use.



Hybrid Cloud for Data Protection

One copy of backup data can be kept on-premises with a second copy stored at a service provider location.

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