

Cloutility and PoINT Archival Gateway

Tape-based Object Storage with Multi-Tenancy

From cloud service providers to enterprise IT departments: Storage service providers are challenged to offer customers and users a flexible infrastructure that can handle multiple

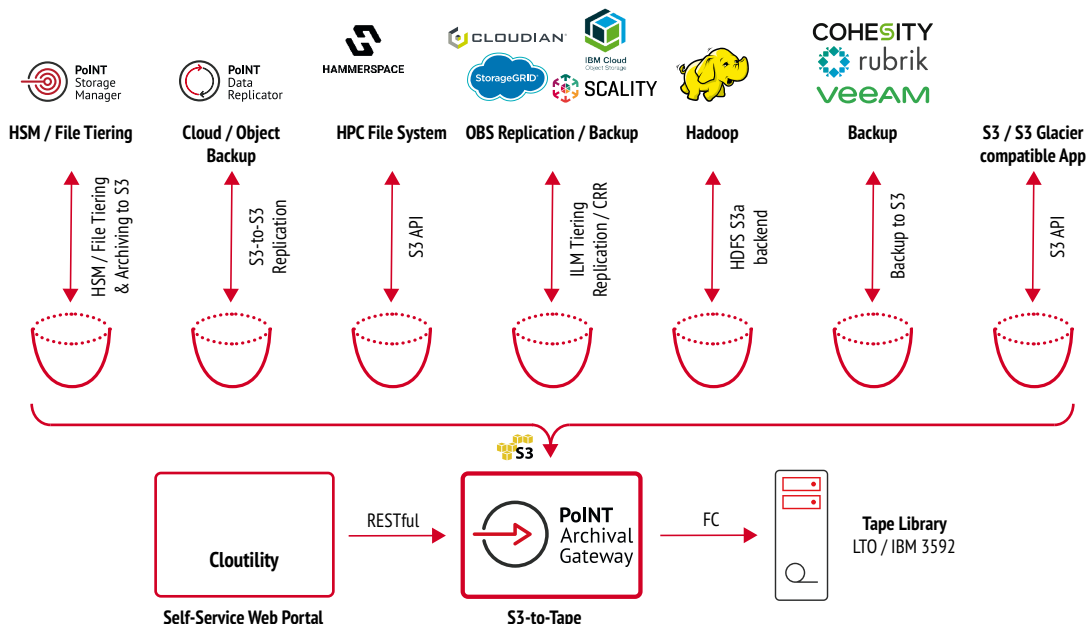
use cases, meet the challenges of data growth, and be managed seamlessly by users.

Solution: Tape-based Object Storage with Multi-Tenancy

PoINT Archival Gateway provides a scalable and high-performance tape-based object storage for storing large amounts of data. Service providers use PoINT Archival Gateway to offer their users and customers an especially cost-effective Glacier storage class for long-term storage and archiving.

With the Cloutility web portal, PoINT Archival Gateway is integrated into the storage architecture of the provider on a multi-tenant basis. The web service serves as an administrative user interface for user and authorization management by the users of the storage services themselves.

As a result, service providers can offer tape-based object storage "as a service" both within the enterprise and as a cloud service to external customers. User and authorization management is completely on the user side. In addition, service providers and customers benefit from the numerous advantages of the PoINT Archival Gateway and Cloutility solutions.



About PoINT:

With over 25 years of experience, PoINT Software & Systems develops software products for storage, management and archiving of data. PoINT solutions for storage & data management offer an easy and efficient integration of different storage technologies and systems in consideration of enterprise requirements. They allow optimized usage of storage systems and help to reduce costs and issues caused by data growth.

About Auwau:

Auwau® was founded with the purpose of delivering easy-to-use self-service features for data protection infrastructures. The pursuit of this purpose has led to the product, Cloutility®, which is an on-premise web-based software solution for organizations wanting to provide their data protection and storage infrastructures as a service. The foundation has always been the ability to reflect the customers' own organizations and business models in a secure role-based multi-tenant (and multi-level) environment, and over the years, Cloutility has grown to provide a host of self-service features, custom reporting, automated recurring billing capabilities and more, with support for multiple backup and storage infrastructures from multiple vendors.

PoINT Archival Gateway

Backup and replication for cloud and object data

Cloud and object data require additional protection and reliable backup. PoINT Archival Gateway serves as a target for backup or replication of your cloud and object data.

Archiving directly to tape via S3

PoINT Archival Gateway writes object data directly to the tape media and does not require buffer hard disks. Therefore, cumbersome S3 Glacier commands for reading the archived data are not necessary.

Tiering to tape for on-prem object storage

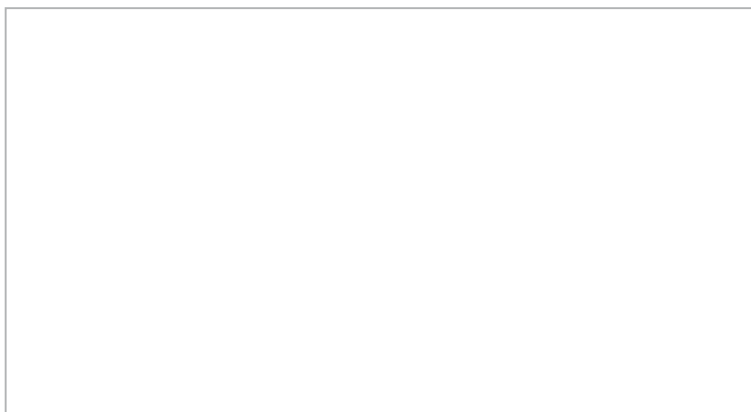
Primary, hard disk-based object storage systems can be relieved by tiering inactive data to tape via the S3 interface of PoINT Archival Gateway.

High performance S3 storage on tape

PoINT Archival Gateway is designed for high parallelism. This applies to the reception of data via the S3 interface as well as to the writing of data to the tape media. The highly scalable S3 REST web service of PoINT Archival Gateway provides almost unlimited parallelism and very high data transfer rates.

A wide range of use cases for tape integration via S3

PoINT Archival Gateway is already certified and validated by many technology partners. All applications that support either S3 Standard or S3 Glacier can use PoINT Archival Gateway to store data on tape systems and benefit from the associated advantages.



Cloutility

Flexible and secure multi-tenancy

Organizes business units, users, storage and buckets in a hierarchical tree structure with optional resellers, customers, departments and more.

Role-based end-user access and self-service

Users are given access to login to a tenant and from here a privileged user can create other users, reset S3 secrets keys, create buckets (optionally with presets defined by the MSP), delete buckets in a documented workflow, set up billing automation for the said tenant and its descendant business units and more.

Consumption reporting

Cloutility provides reports with amounts of data per bucket and per business unit and its descendants.

Subscription based billing automation

Privileged users can create subscriptions with pricing metrics for storage consumption and activate subscriptions in business unit contracts. Cloutility now creates a monthly billing foundation with billing lines for all business units with contracts.

Additional support for backup applications

Cloutility additionally serves as a single-pane-of-glass business extension for IBM Storage Protect and Rubrik with its multi-tenancy, end-user self-service, process automation and a host of other features related to delivering backup-as-a-service in private, public and hybrid cloud scenarios.