

Commvault® Cloud data archiving

Informed data placement for cost savings and compliance-ready archive

As the volume of unstructured data expands rapidly, IT organizations must formulate and operationalize information lifecycle management policies to navigate this data deluge. Unfortunately, as data volumes grow, the costs, complexity, and risk of managing that data grow in parallel. Whether managing 10TBs or 10PBs of data, today's organizations need a smart, flexible, and trusted archive solution to identify, retain, and recall their data to meet their cost and compliance objectives.

MEETING QUALITY OF SERVICE NEEDS, REDUCING RISK

Data is archived because it is not accessed frequently, however, it still yields value or importance to an organization. Unlike longterm retention (backup), archiving reduces costs by migrating data to inexpensive storage while ensuring data compliance. To match the Quality of Service (QoS) needs of the data, archived data should be stored in a more cost-effective environment.

Archiving data can also contain critical or sensitive information. The loss of historical data from threats like ransomware could have severe consequences for the organization with financial loss, compliance breaches, or reputational damage. In fact, the average cost of non-compliance over 12 months is over \$14M USD². Therefore, taking rarely accessed (and managed) data from general circulation and storing it in a secure and managed archive safeguards the data from those threats.



80% of the world's data will be unstructured in 2025.¹

QUALITY OF SERVICE (QOS) LARGELY DICTATES STORAGE COSTS. QOS COMPONENTS:



Volume

How much data needs to be kept. Impacted by needs for compliance-driven data aging, tiering, and disposition.



Availability

Level of redundancy required to support uptime. RTOs and RPOs dictated by compliance and operational needs.



Performance

Speed in which the data can be used. Performance is driven by data placement and tiering.



Risk and Compliance

Data's security requirements. Driven by immutability, controls, monitoring, and classification.

WITHOUT DATA ARCHIVING

Without the functionality to archive inactive data, organizations will find it a challenge to balance between the cost of storage and QoS, while adhering to compliance regulations. This will result in increased costs, increased risks, and inefficiencies.



Increased costs

High-performing tier-one storage will contain large amounts of inactive data, resulting in higher storage and maintenance costs.



Increased risk

Inability to properly support information lifecycle management (ILM) strategies, resulting in ROT (redundant, outdated, trivial) data being stored, contributing to data sprawl, security threats, and an increased attack surface for ransomware. In addition, there is a lack of “defensible deletion” against any misperceptions that the destruction of information is performed in a noncompliant manner.



Inefficiencies

The presence of inactive data increases the complexity of active data management tasks—for example, lengthening backup and recovery times. The presence of ROT data also makes it harder for knowledge workers to find and use active data necessary to perform their responsibilities.

COMMVAULT CLOUD: FILE AND OBJECT ARCHIVE

Commvault® Cloud enables Storage Administrators and Archive Managers to manage important but rarely used data at lower costs from a trusted and compliance-ready archive. Using archive modeling tools, actionable data insights, flexible storage options, and modern SaaS delivery, File and Object archive delivers informed data placement giving IT operations more granular control over costs and quality of service. Reducing costs and increasing productivity, your organization’s data will be compliant now and for years to come with Commvault Cloud.



Actionable data insights

- Use information about data to model decisions, set policies, and drive impact analysis
- Fulfill compliance-data-aging requirements based on real data
- Search and data recall, with full data context and controls in place



Reduce storage costs

- Free up expensive storage by moving rarely used data to your choice of lower-cost storage environments
- Align storage SLAs and QoS to optimize cost of delivery
- Maximum flexibility, with bring-your-own on-prem or cloud storage



Trusted archive

- Secure-by-design, air-gapped immutable archive
- Compliance-ready operations, with record of all metadata, audit trails, and role-based access controls to ensure chain of custody



SaaS simplicity

- Modern, cloud-based delivery means reduced management overhead, automatic updates, and no big upfront expense
- Rapid deployment with built-in best practices

1 State of Ransomware report, Sophos, 2020

2 [The True Cost of Compliance with Data Protection Regulations](#), Ponemon Institute

To learn more, visit commvault.com