Clumio Protect for Amazon S3

Optimize S3 and Protect your Data

Ransomware and Bad-Actor Protection

Air-gapped S3 backups with inherent immutability and point-in-time recovery provide ransomware, bad-actor, and account compromise protection. Clumio backups also cannot be deleted.

Global Compliance and Visibility

Data classification functionality enables selective backup of business critical data to meet compliance requirements. Get enhanced reporting for compliance and audit purposes with a centralized view across buckets, accounts, and regions.

Lower RTO to meet your SLAs

Granular recovery with global search and browse functions across accounts reduces the recovery of S3 objects from hours to minutes.

More cost-effective than building it yourself

Reduce costs with built-in efficiencies to remove object versioning overhead and small-file costs, and benefit from a solution better than you could build yourself.

CHALLENGES

In today's automated and development driven workflows, more and more business-critical applications are leveraging S3 over other persistent data structures. Enterprises are faced with multiple challenges in tracking what type of data is stored in S3, determining what needs to be protected, and proving compliance that the data is protected. Existing methods to backup S3 don't offer full data protection. S3 replication and versioning have been the primary options to backup enterprise data, but they do not always focus on data protection and S3 needs enhanced as well as cost-optimized data protection from ransomware, accidental deletions, and bad actors.

HOW CLUMIO WORKS

Built as a cloud-native SaaS solution, Clumio requires no deployment of software or hardware components to begin protecting Amazon S3 data. Customers simply connect their AWS environment to the Clumio service via a secure authentication method. Data classification can be achieved via Clumio's Protection Group functionality that allows specific S3 objects to be backed up or excluded from being backed up. By applying global policies to the Protection Groups, compliance-driven backups are created and then monitored via intuitive reports and proactive alerting.

Clumio backups for Amazon S3 are stored outside of the customer's AWS account, are immutable and cannot be deleted. Intuitive search and browse capabilities help perform rapid granular recovery across buckets and AWS Regions. Clumio backups are optimized for cost by removing any overheads from object versioning and small file costs.

UNIQUE BENEFITS OF CLUMIO PROTECT FOR AMAZON S3

Clumio offers four key benefits to enterprises that highlight our value as a cloud-native SaaS platform for Amazon S3 data protection. These include:

Turnkey ransomware and bad actor protection

- Clumio SecureVault stores S3 backups in an air-gap, immutable, format inside of Clumio's highly secure platform to protect from ransomware and bad actors
- Clumio backups cannot be deleted
- Backups are encrypted with FIPS 140-2 validated encryption engine, thus meeting even stringent standards required by government agencies
- Data transfers are safeguarded with end-to-end integrity checks

Data Classification driven Efficient Backups

- With Clumio Protection Groups protect only critical S3 data that needs to be protected.
- Selectively backup objects filtering on their prefixes, storage tiers and versions
- Consolidate protection of multiple buckets into a single protection group to simplify and automate the backup process
- Meet compliance, be audit ready 24x7 and free up IT resources towards more strategic business activities

Quick disaster recovery for business continuity

- Perform global search and quickly recover S3 data across all buckets and AWS Regions.
- Search for a specific object by prefix, size, storage class, key etc. to quickly find the needle in the hay-stack
  Restore data from across multiple buckets into a single bucket
- Lower your recovery time objective (RTO) with these rapid and granular recovery options

Optimized Backups for Lower Total Cost of Ownership

- Backup partial buckets, as needed, to reduce backup storage consumption
- Save up to 50% on backup costs by significantly reducing small object put costs and optimizing their storage
- No additional software or hardware to install and maintain. Get a SaaS experience with zero management.

"With Clumio we can selectively provide the right levels of protection for our Amazon S3 data via global policies and protection groups. Global search enables quick recovery of any bucket or object for compliance needs, and optimizations to reduce small object overhead deliver a low TCO."

Mark Huber
Senior Director, Engineering Enablement at Cox Automotive

GET STARTED WITH CLUMIO ON AWS VISIT CLUMIO TO LEARN MORE OR SCHEDULE A DEMO TODAY.