Commvault

CLUMIO
A Commvault Company

Clumio Backup for Amazon EC2 and EBS

Clumio simplifies AWS cyber resilience—efficiently, securely, and cost-effectively.

Clumio provides an authentic SaaS experience for backup including:

FAST, FLEXIBLE RESTORES

Uniform policy protection across data sources allows for rapid recovery across AWS accounts, EC2 instances, and EBS volumes to help reduce RTO, while also reducing costs and enabling efficient storage utilization.

COST-EFFECTIVE DATA RETENTION

Predictable OPEX pricing model, eliminating the surprise costs of data transfers that are typical of cloud offerings. Free tier manages in-account snapshot orchestration and operational recovery

OPERATIONAL SIMPLICITY

Powerful control over backup processes that efficiently and securely set and enforce policies. Uniform policies and processes for on-prem data protection can easily be applied to EC2 instances and EBS Volumes in AWS regions or on AWS Outposts.

ALWAYS-ON SECURITY

Data loss and ransomware protected backups are stored outside of AWS production accounts, providing an air gap to ensure data can quickly be restored from human error, ransomware, and other risks..

PROTECTING AWS NATIVE SERVICES

Enterprises have moved, or are in the process of moving, workloads to the cloud. Undoubtedly cost benefits, increased productivity, and availability are just a few reasons to move workloads to native Amazon Web Services (AWS). In addition, AWS is one of the most recognized cloud providers by organizations of all sizes.

Organizations running applications on Amazon Elastic Compute Cloud (EC2) with Amazon Elastic Block Store (EBS) often make assumptions about data backup and recoverability. This leaves data open to risks—the most common being accidental deletion, account compromise, ransomware, hardware failures, logical corruption, and malware. Enterprises need to employ dedicated, enterprise-grade backup to protect their valuable data assets in AWS.

APPROACHES FOR BACKING UP AWS NATIVE SERVICES

There are two approaches for backing up native AWS services today: snapshot managers and legacy, on-premises tools. In moving workloads to the cloud, enterprises assume that these approaches are enough to protect data assets, however, each of these present limitations.

Snapshot managers are not a complete backup strategy. Snapshots are stored with production data, and if an account is compromised, so are the snapshots. For this reason, snapshot managers cannot solely be relied on for data recovery.

Doing so exposes data to risks of deletion and ransomware. Relying on snapshot managers for backup can be expensive, adding unexpected storage costs. Meeting data retention compliance with snapshots alone brings the complexity of forecasting overall data retention costs based on data growth, change rates, deduplication, and replication.

Snapshot managers cannot solely be relied on for data recovery.

To reduce storage usage and costs, snapshots could be deleted, opening the enterprise to compliance issues around data retention. Lastly, snapshot managers lack any ability to catalogue and index the contents of the volumes or EC2 instances. This makes trying to restore a single file very difficult.

Managing snapshots happens at the account level; for enterprises with more than a few AWS accounts, this becomes complicated and painful to manage manually.

Legacy, on-premises backup solutions were not purpose-built for the cloud, creating unnecessary management complexity. They require additional CAPEX and OPEX for cloud deployments, and are resource-intensive to deploy and manage. Using an on-premises solution for the cloud requires workarounds that can be inefficient and expensive. Further, the backup solution has to be deployed per account—creating a management burden.

ENTERPRISE BACKUP FOR AWS NATIVE SERVICES

Clumio solves these problems with fast, flexible, and easy-to-manage backup for enterprises running AWS native services, such as EC2 machines with EBS volumes.

Clumio delivers a superior enterprise experience providing in-account snapshot orchestration in our free tier. Customers can upgrade to air-gapped backups for ransomware protection with cross account rapid recovery and search-and-restore file recovery.

We believe that to achieve the promised benefits of cloud computing, the complexity of backup should be taken off internal teams, so the enterprise can focus on their core business.

Clumio simplifies the backup of AWS accounts—efficiently, securely, and cost-effectively. Data can be quickly recovered with granular restores.

Backup data is stored in Clumio-managed Amazon S3 buckets, providing an air gap measure to keep an isolated copy of data, separate from production. This helps with rapid data recovery if, for example, an account is compromised. Clumio backup for AWS native services eliminates the need for the enterprise to allocate resources for backup infrastructure.

Clumio simplifies management, with a single set of policies from which to set and enforce enterprise backup. Clumio enables the centralized management of tens to thousands of AWS accounts, with the immediate ability to monitor enforcement of backup policies and ensure data retention— a daunting task, as AWS accounts scale with legacy products.

Clumio simplifies the backup of AWS accounts utilizing EBS volumes and EC2 instances efficiently, securely, and cost-effectively. Data can be quickly recovered with granular search-and-restore or browse-and-restore capabilities.Backups are transferred efficiently and cost-effectively with global deduplication and compression, utilizing S3 VPC Endpoints to minimize data transfer fees.

Clumio is priced based on provisioned capacity, eliminating extra, surprise costs typical of other cloud providers. Ultimately, Clumio takes the pain out of backup and brings cost predictability with SaaS, enabling enterprises to realize the most value from their AWS data, no matter where it resides.

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