

Clumio Backup and Restore for AWS DynamoDB

Get App Resilience with up to 50% Cost Savings

DynamoDB is the database of choice for modern, cloud-native, and AI applications that require large-scale, high velocity data. Application owners, cloud operators, security teams, and FinOps teams need resiliency of these applications and their data to minimize the business impact from outages.

Resiliency is critical given that DynamoDB is subject to AWS' Shared Responsibility Model: AWS is responsible for the security and uptime of the service and the platform, and AWS customers are responsible for the backup and security of their data.

Clumio's industry-leading DynamoDB backup and recovery delivers enhanced protection compared to the AWS DynamoDB native point-in-time-recovery (PITR). Clumio protects from outages and ensures rapid recovery, while saving 50% versus alternative solutions.



Increase App Resilience

Clumio delivers air gapped cloud data protection, strengthening resilience for DynamoDB-powered applications. Clumio protects against ransomware attacks, operational issues, regional outages, and human error such as accidental deletions.



Reduce Backup Costs

Clumio customers save as much as 50% on DynamoDB backup costs, while remaining compliant with SLAs and regulatory requirements. Clumio is unique in delivering incremental backups: only backing up data that has changed since the last backup.



Rapidly Recover Business-Critical Applications

Clumio customers get rapid, full-table recovery for DynamoDB applications, and also benefit from granular, filterable, record-level recovery that can reduce recovery time objectives (RTOs) from hours to minutes.



Simplified Management with Backup-as-a-Service

Clumio's backup-as-a-service offers freedom from managing backups manually, and features a single pane of glass for automated, policy-based backups and compliance reports.

Why Choose Clumio?

1 Cost Efficiency with Incremental Backups

Incremental backups are faster than full and differential backups, and save storage space. With Clumio, ongoing backups are incremental after the initial backup, delivering a 1-hour recovery point objective (RPO) and up to 50% in cost savings without impacting application performance.

2 Scale with a Serverless Engine

Clumio's software-as-a-service (SaaS) solution is a stateless data processing pipeline built on a serverless orchestration engine. It can scale to protect hundreds of terabytes of DynamoDB data.

3 Resilience with Air Gapping

Clumio stores backups outside a customer's security domain by default for an additional layer of security against ransomware attacks, regional outages, and accidental deletions. Backups are encrypted in-flight and at-rest with separate encryption keys, and cannot be compromised or deleted.

4 Rapid Granular Restores and Parallel Rehydration

Clumio delivers scale-out parallel rehydration for rapid restores. It also supports querying and restoring at a granular record level.

5 Zero Management Overhead with Backup-as-a-Service

Clumio eliminates backup management, consolidating data protection tasks across workloads into a single interface operable through an intuitive UI or as code. It is hands-off and connects to AWS accounts through minimal IAM roles, with no agents or storage to manage.



By using Clumio to manage hundreds of terabytes of DynamoDB data we realized a 70% cost reduction in backup costs and met our RPO targets.

FABIO LESSA, SENIOR DIRECTOR OF ENGINEERING, DUOLINGO

Schedule a Demo with a Clumio Expert

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