Momento Cache

Accelerate your app, reduce costs, and free your developers.

Developers have been stuck using instance-based caching solutions like Redis that are painful to manage and scale—meaning they’re forced to engage in manual, error-prone processes that work against the speed, elasticity, and availability benefits caching provides. Serverless enables developers to focus on the specific capabilities of a service without getting distracted by the plumbing. Cloud providers have been investing heavily in serverless compute, storage, databases, and almost every other part of the stack—except caching. Momento Cache changes this.

### Key Features

- **High Scale, Performance, and Availability:** A Momento cache is ready instantly via a single API call, is optimized for tail latencies, has multi-zonal redundancy, and handles millions of requests per second (RPS) without any tuning.

- **Automatic Management:** No more tedious manual operations. Momento Cache features an intelligent proxy that handles automatic scaling, node warming, hot key mitigation, replication, and deployments—all without any maintenance windows!

- **Secure by Default:** Momento has built-in security features including end-to-end encryption, per-request authentication, VPC peering, and deep observability integrations.

- **Flexible Data Types:** Collection data types enable an abundance of use cases by providing core data structures that match up with common types in modern programming languages. Supported data types include dictionary, list, set, and sorted set.

- **Redis API Compatible:** Momento provides RESP compatibility via a sidecar proxy or drop-in SDK replacements.

### Features Overview

- **Reduce Costs**
  
  Cut your database and caching bills with powerful, pay-per-use caching. Free for the first 5GB transferred to/from Momento per month, then just $0.50 per GB.

- **Zero Configuration**
  
  Deploy a cache in minutes instead of days to weeks spent configuring, testing, and scaling clusters.

- **Boost Performance**
  
  Accelerate your database and application performance with a highly performant cache.

- **Eliminate Outages**
  
  Say goodbye to cache outages with instant scalability and managed hot keys and cache hit rates.

Get started with Momento Cache today at gomomento.co/cache.

Join our Discord to get direct access to Momento experts!

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Scalability and stability improvements

Highlights
• Integrated Momento Cache in just three weeks, making their architecture fully serverless.
• By replacing ElastiCache Redis, Momento Cache reduced the total cost of ownership for their in-game chat service by more than 30%.
• Momento Cache enabled them to scale to handle the volume of connections from Lambda functions—previously impossible.

Database modernization

Highlights
• Momento Cache offered a more elastic, modern caching solution after they experienced several outages with their previous caching service.
• Momento Cache is 15% faster than ElastiCache and costs 52% less.
• Achieved multi-cloud portability with combination of YugabyteDB and Momento Cache.

Faster object storage and ML caching

Highlights
• Relies on Momento Cache to upload hundreds of millions of images every day, saving hundreds of thousand of dollars per year.
• Has over 10 million cameras performing AI at the edge. Momento Cache facilitates Wyze’s video analytics workflow to enhance representative thumbnails quickly and efficiently.

Momento is also trusted by

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