**Amazon ElastiCache**

- Short Description: ElastiCache for caching, which accelerates application and database performance, or as a primary data store for use cases that don't require durability like session stores, gaming leaderboards, streaming, and analytics

Graphical user interface, text, application

Description automatically generated- Free Tier: 750 hours of ElastiCache cache.t2.micro or cache.t3.micro node usage for free for up to 12 months

**Description**

* Unlock microsecond latency and scale with in-memory caching
  + Boost application performance, reducing latency to microseconds.
  + Scale with just a few clicks to meet the needs of your most demanding, internet-scale applications.
  + Reduce costs and eliminate the operational overhead of self-managed caching.
  + Build with your choice of **Redis or Memcached**, two popular **open-source caching technologies**.

## **How it works**

Amazon ElastiCache is a fully managed, in-memory caching service supporting flexible, real-time use cases. You can use ElastiCache for [caching](https://aws.amazon.com/caching/), which accelerates application and database performance, or as a primary data store for use cases that don't require durability like session stores, gaming leaderboards, streaming, and analytics. ElastiCache is compatible with Redis and Memcached.



## **Use cases**

* Accelerate application performance
* Ease backend database load
* Build low-latency data stores

**Terminal**

Sudo apt update

Sudo apt-get install redis

Redis-cli -h redis-demo.w2xmjs.0001.aps1.cache.amazonaws.com -p 6379

Set name Balajee

Get name

Set city Vijayawada

Keys \*