

# **Elasticache**

- Elasticache is a web service that makes it easy to deploy, operate, and scale an in-memory cache in the cloud.
- The service improves the performance of web applications by allowing you to retrieve information from fast, managed, in-memory caches, instead of relying entirely on slower disk-based databases.
- It can be used to significantly reduce latency and throughput for many read-heavy application workloads (such as social networking, gaming, media sharing and Q&A portals) or compute-intensive workloads.
- Caching improves application performance by storing critical pieces of data in memory for low-latency access.

## **Types of Elasticache**

- Memcached
- Redis (Open source)