

[Memorystore for Redis](#)

Cloud Memorystore for Redis FAQ

Can I connect a Cloud Memorystore for Redis instance to a resource from a different region?

No. A resource must be in the same region as a Redis instance to connect to it.

How long does a failover take for a Standard Tier Redis instance?

A failover normally takes around 30 seconds to complete.

What is the difference between Basic Tier and Standard Tier for Cloud Memorystore for Redis?

A Basic Tier instance is a standalone cache that is used for applications that can withstand an occasional cold restart/full data flush. A Standard Tier instance provides High Availability (HA) with a replica. In cases of routine maintenance, scaling, or an instance failure, the primary cache fails over to the replica, preserving your data. For more information, see [Redis Tier Capabilities](#)

(<https://cloud.google.com/memorystore/docs/redis/redis-tiers>).

Is scale out cluster available on Cloud Memorystore for Redis?

No. Cloud Memorystore for Redis Basic and Standard Tier are both single master instances. Standard Tier provides a replica for High Availability.

Can I use a client library that isn't listed on the [Client Libraries](#)

(<https://cloud.google.com/memorystore/docs/redis/libraries>) **page?**

Yes. Cloud Memorystore for Redis is compatible with any client library for Redis. See the [Redis sample app for Compute Engine](#)

(<https://cloud.google.com/memorystore/docs/redis/connect-redis-instance-gce>) and the [Redis](#)

[sample app for Kubernetes](#)

(<https://cloud.google.com/memorystore/docs/redis/connect-redis-instance-gke>) for examples of different client library setups.

Can I use a shared VPC?

You can only use a VPC to connect a service project to a Redis instance if the Redis instance is provisioned in the shared VPC host project.

Is persistence supported?

No. Cloud Memorystore for Redis does not currently support persistence.

Can I connect to a Redis instance using the App Engine standard environment?

Yes, but first you need to connect the App Engine standard environment to your VPC network (<https://cloud.google.com/appengine/docs/standard/python/connecting-vpc>).

Can I connect to a Redis instance using Cloud Functions?

Yes, but first you need to connect Cloud Functions to your VPC network (<https://cloud.google.com/functions/docs/connecting-vpc>).

Does Cloud Memorystore for Redis use open source Redis, also known as OSS Redis?

Yes. Cloud Memorystore for Redis uses open source Redis.

What version of Redis is currently supported?

Cloud Memorystore for Redis currently supports Redis versions 4.0 (default) and 3.2.11.

gcloud redis isn't working on the command line. Why?

You may have an older version of gcloud installed. Try running `gcloud components update`.

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Last updated July 23, 2019.