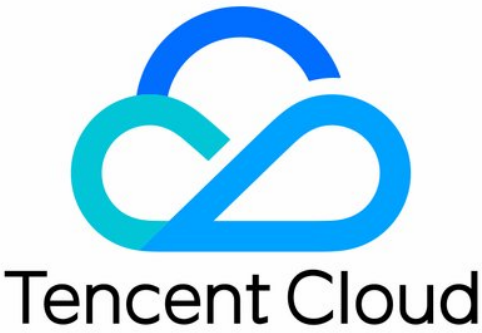
Cloud Redis Store

FAQ

Product Introduction



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Contents

FAQ
- General
- Login
- Purchase

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FAQ
General

Last updated：2018-09-07 18:13:15

What is the maximum capacity of a single CRS instance?

Engine Version	Specification
Redis Engine Standalone	1-60 GB
Redis Engine Master/Slave	0.25~60GB
Redis Engine Cluster	12 GB-2 TB
CKV Engine Master/Slave	4-384 GB
CKV Engine Cluster	16 GB-2 TB

For more information, see Product Price

Is it reliable to store data in CRS?

Redis Engine Standalone ensures data availability rather than data reliability.

All other Redis versions are based on a master-slave replication mechanism, which combines hot data backup and daily cold backup.

What persistence method is used in CRS?

The full and incremental backups are completed by the backup clusters at the backend of CRS, so the influence on the performance of online services caused by persistence on the slave server is negligible.

How is CRS billed?

CRS supports the prepaid and postpaid billing methods. For specific prices, see Product Price

Why is 2M of the CRS capacity consumed just after it is purchased?

This is a system overhead generated by CRS itself for maintaining its own data structure.

Does Redis support public network services?

Not yet. If you need to access CRS from a public network, you can achieve this by using a CVM as a jump server.

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Can CRS be managed with a visualization tool such as Redis Desktop Manager?

CRS has its own console, where OPS and management operations can be performed. Before the use of a visualization tool, the URL needs to be provided to the public network by using a CVM as a jump server.

Will capacity expansion and reduction for CRS cause service interruption?

For CRS 2.8 and CKV versions, if the memory is sufficient in the physical machine, upgrading efforts can be made without affecting the service. Otherwise, the data needs to be migrated across machines, which will cause a seconds-long disconnection.

For CRS 4.0, capacity expansion and reduction can always be performed without interrupting the service.

How do I add Monitoring Alarm to CRS?

You can do this through the custom monitoring alarm. For more information, see Alarm Overview

Do different instances need to be applied for to select 0-15?

Each cluster instance comes with only one database and you can only select 0.

Like open-source Redis, a standalone CRS instance can be configured with multiple databases, between which you can switch through "select".

Can the auth password verification be skipped in CRS?

Password-free login is not supported, but will be available soon.

Does CRS support persistence?

CRS supports daily automatic cold-backups as a persistence method, so the influence on the performance of online services caused by persistence on the slave server is negligible.

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Login

Last updated：2018-09-07 18:14:41

How do I connect to Redis?

If the CVM and the database are deployed in the same region, perform access via a private network. For more information on how to connect to Redis, see Connection Guide.

How do I connect to Redis if the CVM and the database are deployed in different regions?

If communication is available between basic networks and VPCs, see Classiclink.
If communication is available between VPCs, see Peering Connection.

Why do I fail to ping CRS?

By default, the ping command is not allowed for Redis. You can use telnet to test the connectivity.

How do I enable access to CRS via public networks?

Access to CRS via public networks is not supported at the moment, but will be available in the future. But you can achieve this indirectly through a CVM with public networks by means of the Iptable proxy.

How do I configure password-free login for Redis?

Password-free login is not supported at the moment, but will be available in the future.

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Purchase

Last updated：2018-09-07 18:14:01

How do I choose a Redis specification?

You can choose a Redis specification based on capacity and performance. Capacity is determined by your data storage requirements. For more information on how to identify the right performance, see Product Performance.

What are the performance metrics of Redis?

Redis is mainly divided into the cluster version and the single-node version. The single-node version provides a performance of 80,000-120,000 QPS. If you need the ability to handle over 100,000 QPS, select the cluster version. For specific performance metrics and test methods, see Product Performance.

What Redis versions are supported?

Redis 2.8, Redis 3.2 and Redis 4.0 are supported. For more information, see Redis Community and Tencent Cloud CKV.

In which regions can Redis be deployed?

As part of the infrastructure, Redis can be deployed in all the regions where CVMs are deployed.

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