Database Maintenance

This section helps you maintain your Redis Enterprise Software databases.

**Database Security**

Your data is critical to your business and securing it is one of your top priorities. Here's where to learn how to secure access to your data and secure your data in transit.

**Causal Consistency in an Active-Active Database**

When you enable Causal Consistency in Active-Active databases, the order of operations on a specific key are maintained across all Active-Active database instances.

**Delete a Database**

When you delete a database, the database configuration and data are deleted.

**High availability for replica shards**

When you enable database replication, Redis Enterprise Software copies your data to a replica node to make your data highly available. If the replica node fails or if the master node fails and the replica is promoted to master, the remaining master node is a single point of failure.

**Migrate a Database to Active-Active**

With Active-Active databases, applications can read and write to the same data set from different geographical locations seamlessly and with latency less than 1 ms, without changing the way the application connects to the database. Active-Active databases also provide disaster recovery and accelerated data read-access for geographically distributed users. If you have data in a single-region Redis Enterprise Software database that you want to migrate to an Active-Active database, you'll need to create a new Active-Active database and migrate the data into the new database as a Replica Of the existing database.

**Update the database configuration**

You can change the configuration of a Redis Enterprise Software (RS) database, for example the number of shards or evicton policy, at any time.

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