Redis OSS Cluster API Architecture

Redis OSS Cluster API reduces access times and latency with near-linear scalability. The Redis OSS Cluster API provides a simple mechanism for Redis clients to know the cluster topology.

Clients must first connect to the master node to get the cluster topology, and then they connect directly to the Redis proxy on each node that hosts a master shard.

Note: You must use a client that supports the OSS cluster API to connect to a database that has the OSS cluster API enabled.

You can use Redis OSS Cluster API along with other Redis Enterprise Software high availability to get high performance with low latency and let applications stay current with cluster topology changes, including add node, remove node, and node failover.

For more about working with the OSS Cluster API, see Using the OSS Cluster API.

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