

Connecting with redis-cli

This guide explains how to establish a connection between redis-cli and a Redis database instance. It walks through the necessary setup, configuration, and execution of a simple Redis command from the terminal.

Variables

Certain parameters must be provided to establish a successful connection to a Redis database. Below is a breakdown of each required variable, its purpose, and where to find it. Here's what each variable represents:

Variable	Description	Purpose
HOST	Redis hostname, from the Elestio service overview page	The address of the server hosting your Redis instance.
PORT	Port for Redis connection, from the Elestio service overview page	The network port used to connect to Redis. The default port is 6379.
PASSWORD	Redis password, from the Elestio service overview page	The authentication key required to connect securely to Redis.

These values can usually be found in the Elestio service overview details as shown in the image below, make sure to take a copy of these details and use them in the command moving ahead.

Termination protection

Disabled. VM can be powered off and terminated.

Protection deactivated



Auto-Failover

Enabled. In case of failure, the cluster will automatically attempt to recover

Auto-Failover activated



Nodes

2 Nodes: 1 Primary, 1 Replica

Add node

Database Admin

Display your database credentials

Hide DB Credentials

Host	redis-aiomt-u7774.vm.elestio.app	Copy
Port	26379	Copy
User	default	Copy
Password	*****	Show password Copy
CLI	redis-cli -h redis-aiomt-u7774.vm.elestio.app -p 26379 --user default --pass '*****'	Show password Copy

Prerequisites

Install redis-cli

Check if redis-cli is installed by running:

```
redis-cli --version
```

If not installed, you can install it via:

- **macOS:**

```
brew install redis
```

- **Ubuntu/Debian:**

```
sudo apt install redis-tools
```

- **Windows:**

Use Windows Subsystem for Linux (WSL) or download a Redis CLI binary.

Command

Once all prerequisites are set up, open the terminal or command prompt and run the following command:

```
redis-cli -h HOST -p PORT -a PASSWORD
```

Replace HOST, PORT, and PASSWORD with the actual values from your Elestio Redis service. If the connection is successful, the terminal will display a Redis prompt like this:

```
HOST:PORT>
```

You can then run a simple command to test the connection:

```
set testKey "Hello Redis"  
get testKey
```

Expected output:

```
"Hello Redis"
```

If the connection is successful, the terminal will display output similar to:

```
"Hello Redis"
```

Revision #1

Created 19 May 2025 15:17:13 by kaiwalya

Updated 19 May 2025 15:24:09 by kaiwalya