

Connecting with keydb-cli

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

Variables

Certain parameters must be provided to establish a successful connection to a Valkey 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	Valkey hostname, from the Elestio service overview page	The address of the server hosting your Valkey instance.
PORT	Port for Valkey connection, from the Elestio service overview page	The network port used to connect to Valkey. The default port is 6379.
PASSWORD	Valkey password, from the Elestio service overview page	The authentication key required to connect securely to Valkey.

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

Prerequisites

Install valkey-cli

Check if valkey-cli is installed by running:

```
valkey-cli --version
```

If not installed, you can install it via:

- **macOS:**

```
brew install valkey
```

- **Ubuntu/Debian:**

```
sudo apt-get install valkey-tools
```

- **Windows:**

Use **Windows Subsystem for Linux (WSL)** or [download the CLI binaries from the Valkey GitHub releases page](#).

Command

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

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

Replace HOST, PORT, and PASSWORD with the actual values from your Elestio Valkey service.

If the connection is successful, the terminal will display a Valkey prompt like this:

```
127.0.0.1:6379>
```

Test the Connection

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

```
set testkey "Hello Valkey"  
get testkey
```

Expected output:

```
OK  
"Hello Valkey"
```

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

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