Redis Enterprise Backup Import Script

# Usage

Run the script as the Redis Enterprise user with required arguments:

sudo -u redislabs python3 import.py --config-file cluster.csv --dbname test1 --timestamp 20250419010323

# Expected Directory Structure

The backup should exist in the following directory structure:

<backup\_location>/<dbname>/<timestamp>/

# Command-Line Arguments

--config-file: Path to CSV file with cluster connection config (key:value pairs).

--dbname: Name of the database to import.

--timestamp: Directory name inside backup folder containing backup files.

# CSV Format (e.g., cluster.csv)

The CSV should contain a single line of colon-separated key-value pairs:

clname:MyCluster,host:127.0.0.1,port:9443,cluser:admin,clpass:encoded==,backup\_location:/mnt/backups

- clpass should be base64-encoded.

# Script Workflow

1. Parse Config

- Reads cluster.csv

- Decodes clpass

- Sets up necessary global variables

2. Get Database UID

- Makes a REST API request to fetch all databases

- Locates UID for the given database name

3. Build Import Payload

- Reads all files under <backup\_location>/<dbname>/<timestamp>

- Constructs JSON payload with paths as mount\_point sources

4. Trigger Import

- Sends POST request to Redis Enterprise cluster to import data

- Prints response details

# Notes

- Uses verify=False to ignore SSL cert warnings (not safe for production).

- Password is base64 decoded from CSV for safer storage.

- Backup must be readable on the Redis Enterprise node.