Redeemer ACTIVE
VERY EASY

TARGET MACHINE IP ADDRESS
10.129.136.187

1. Which TCP port is open on the machine?


```
┌──(kali㉿kali)-[~/Desktop/HTB/labs]
└─$ nmap -Pn -sV -p- 10.129.136.187
Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-27 08:18 EDT
Nmap scan report for 10.129.136.187
Host is up (0.071s latency).
Not shown: 65534 closed tcp ports (reset)
PORT      STATE SERVICE VERSION
6379/tcp open  redis   Redis key-value store 5.0.7
```

Answer: 6379

2. Which service is running on the port that is open on the machine?

Answer: redis

3. What type of database is Redis? Choose from the following options: (i) In-memory Database, (ii) Traditional Database.

✦ AI Overview

Redis (REmote DIctionary Server) is an open-source, in-memory data structure store that functions as a database, cache, and message broker.

Answer: In-memory Database

4. Which command-line utility is used to interact with the Redis server? Enter the program name you would enter into the terminal without any arguments.

Answer: redis-cli

5. Which flag is used with the Redis command-line utility to specify the hostname?


```
┌──(kali㉿kali)-[~/Desktop/HTB/labs]
└─$ redis-cli -h
redis-cli 8.0.2

Usage: redis-cli [OPTIONS] [cmd [arg [arg ... ]]]
  -h <hostname>       Server hostname (default: 127.0.0.1).
```

Answer: -h

6. Once connected to a Redis server, which command is used to obtain the information and statistics about the Redis server?

    Answer: info

7. What is the version of the Redis server being used on the target machine?

    Answer: 5.0.7

8. Which command is used to select the desired database in Redis?

    Answer: SELECT

9. How many keys are present inside the database with index 0?

    Answer: 4

10. Which command is used to obtain all the keys in a database?

    Answer: KEYS *

11. Submit root flag.

    Answer: 03e1d2b376c37ab3f5319922053953eb