


Hack The Box Tier 0 Lab 4 "Redeemer" Writeup


Connect To Starting Point VPN:

You must connect yourself to the starting point VPN before answering the question. You can choose one way to connect to the VPN from the following two ways shown below 📌.

**Connect using Pwnbox** → **RECOMMENDED**

A preconfigured, browser-based virtual machine with all the hacking tools you need pre-installed.

Free 2h of Pwnbox - Upgrade to VIP+ for Unlimited Access

**Connect using OpenVPN** →


Use your own machine for hacking. Download your VPN configuration and connect from your own environment.

Having Trouble? - Introduction to Lab Access

Once you're connected to the Starting Point VPN now spawn your machine by clicking on the SPAWN MACHINE button shown in the image below 📌.

SPAWN MACHINE

Spawn the target machine and the IP will show here



Now Let's start answering the questions.

Task No 01:

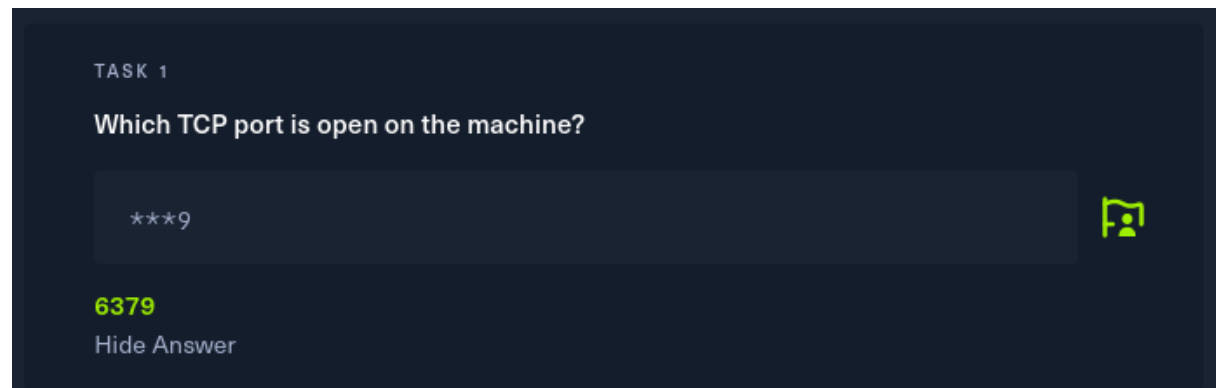
Which TCP port is open on the machine?

Answer:

To check which port TCP port is open on the target machine enter the following command in your bash.

```
nmap -p- target-ip
```

This command will scan all 65535 TCP ports on the target machine and display the open ports.

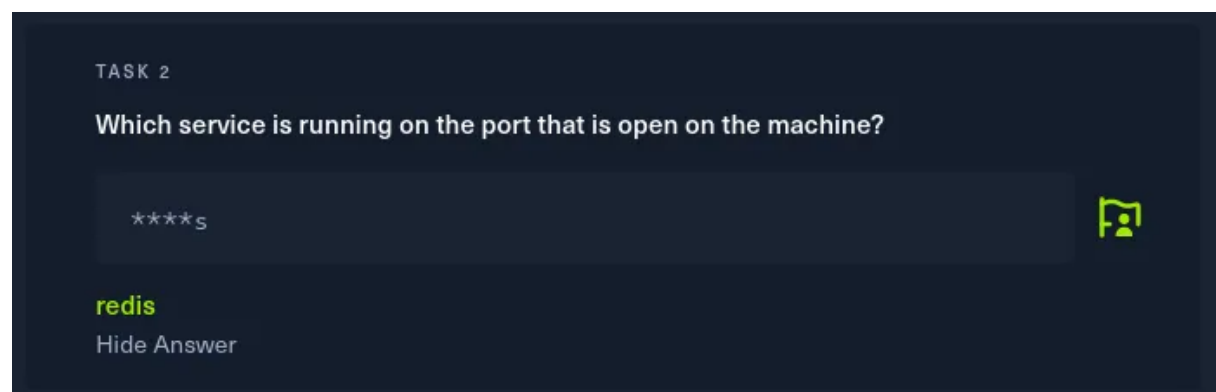


Task No 02:

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

Answer:

By running the above shown command you will also get information about the service running on the open ports.



Task No 03:

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


Answer:

In-memory Database

TASK 3

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

-*** *****e



In-memory Database

Hide Answer

Task No 04:

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

TASK 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.

*****-**i



redis-cli

Hide Answer

Task No 05:

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


Answer:

- `-h`

TASK 5

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

★★



-h

Hide Answer

Task No 06:

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


Answer:

`info`

TASK 6

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

***o



info

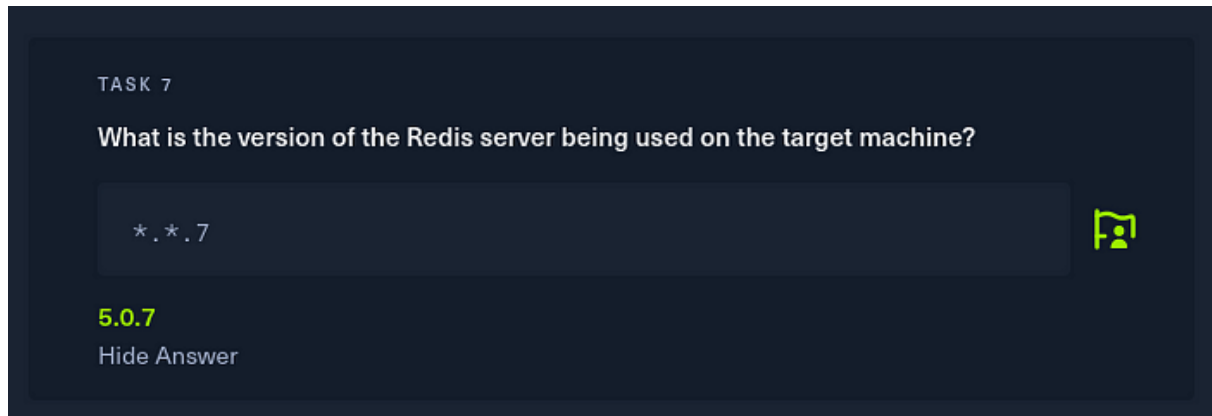
Hide Answer

Task No 07:

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

Answer:

5.0.7

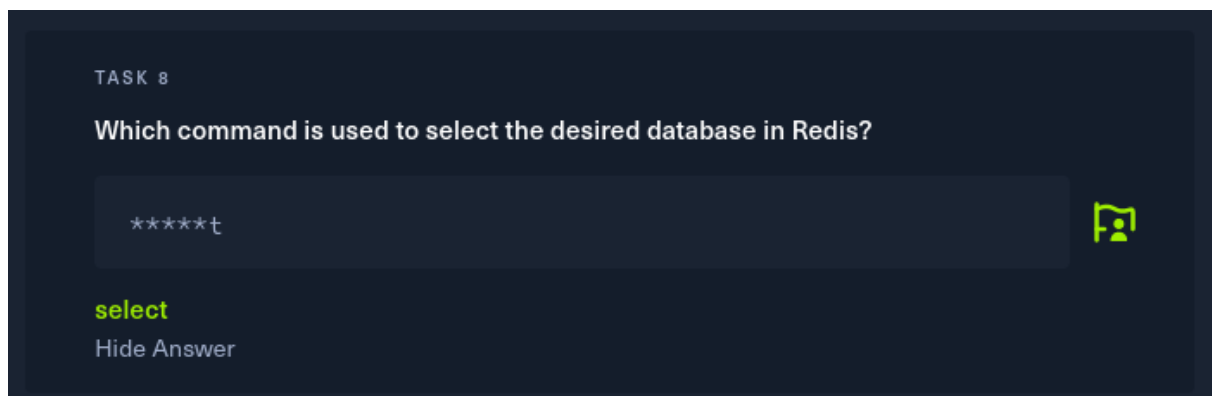


Task No 08:

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

Answer:

select



Task No 09:

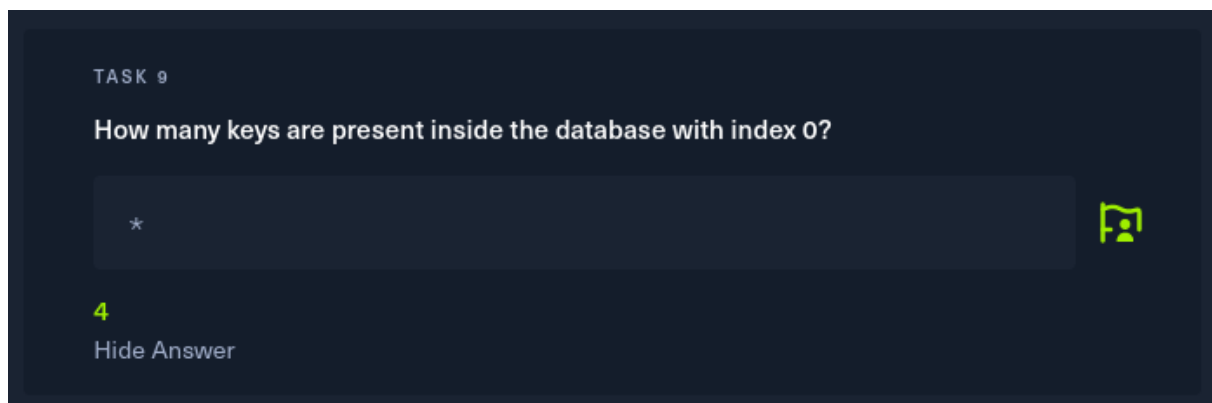
How many keys are present inside the database with index 0?

Answer:

4

To find how many keys are present inside the database enter the following command in your bash.

```
keys *
```

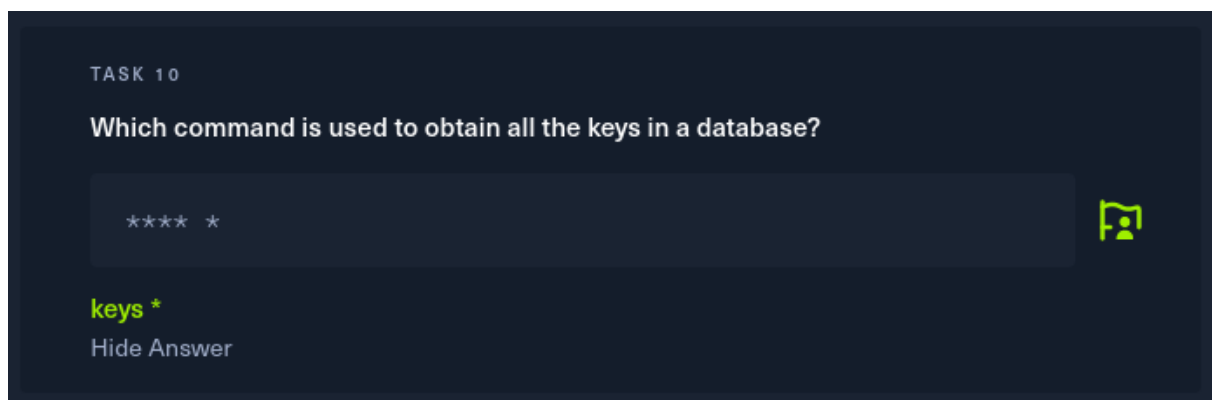


Task No 09:

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

Answer:

```
keys *
```



Task No 10:

Submit root flag

Answer:

03e1d2b376c37ab3f5319922053953eb

SUBMIT FLAG

Submit root flag

03e1d2b376c37ab3f5319922053953eb

Hide Answer

Congratulation 🎉 you've successfully completed your forth lab in hack the box Learning The Basics Of Penetration Testing Module.



Redeemer
VERY EASY



Machine Pwned ▼