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Ex. No.: 3 Date:20.08.2024 PASSIVE AND ACTIVE RECONNAISSANCE

Aim:

To do perform passive and active reconnaissance in TryHackMe platform.

Algorithm:

1. Access the Passive reconnaissance lab in TryHackMe platform using the link below

https://tryhackme.com/r/room/passiverecon

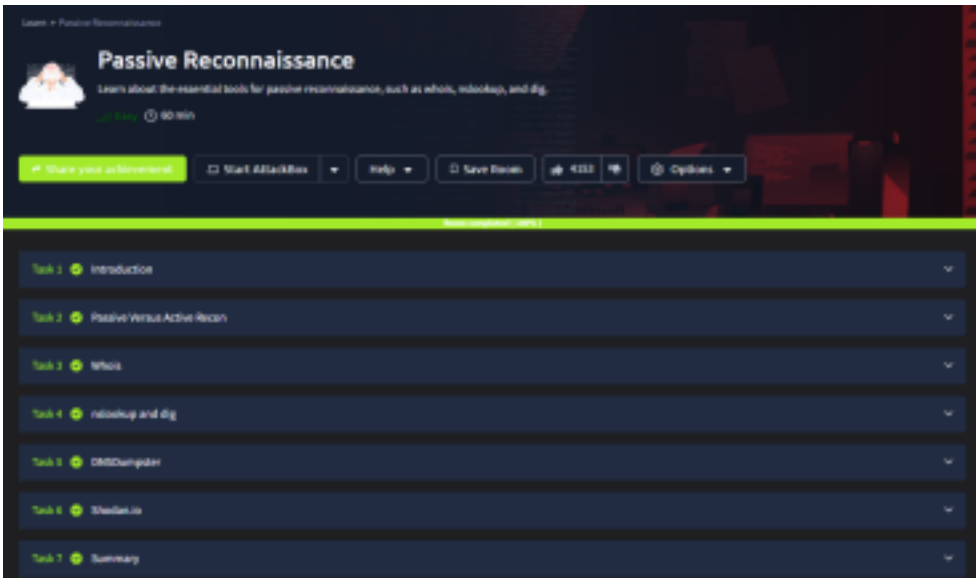
2. Click Start AttackBox to run the instance of Kali Linux distribution. 3. Run whois command on the website tryhackme.com and gather information about it. 4. Find the IP address of tryhackme.com using nslookup and dig command. 5. Find out the subdomain of tryhackme.com using DNSDumpster command.

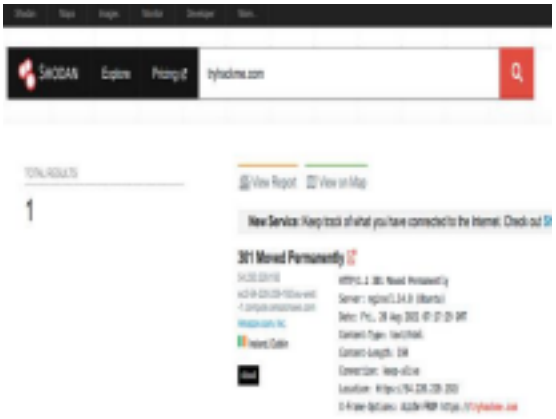
6. Run shodan.io to find out the details- IP address, Hosting Company, Geographical location and Server type and version.

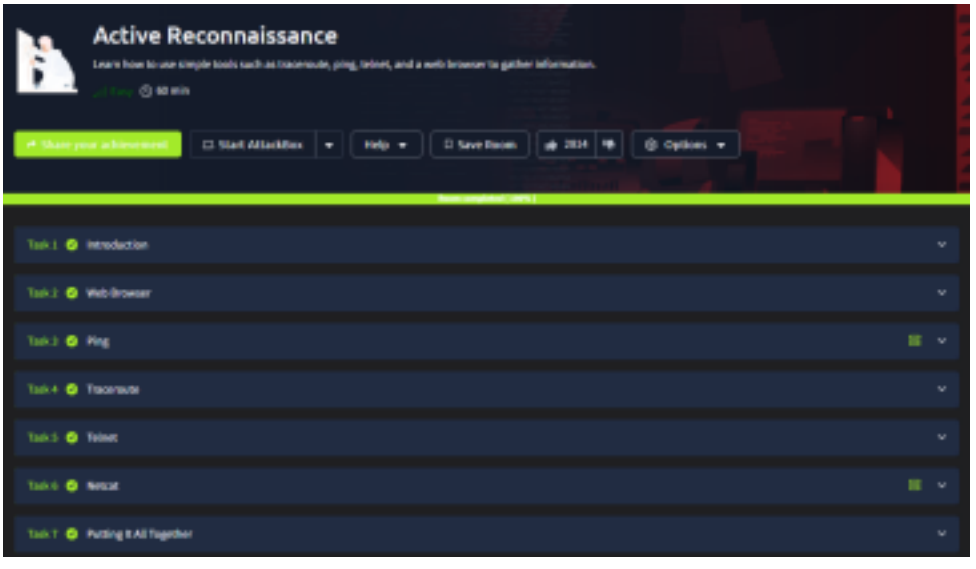
7. Access the Active reconnaissance lab in TryHackMe platform using the link below

https://tryhackme.com/r/room/activerecon

8. Click Start AttackBox to run the instance of Kalilinux distribution. 9. Perform active reconnaissance using the commands, traceroute, ping and netcat. **Output:**




SHODAN
Explore
Pricing
tryhackme.com
1
View Report
View on Map
New Service: Keep track of what you have connected to the Internet. Check out
301 Moved Permanently


Active Reconnaissance
Learn how to use simple tools such as traceroute, ping, telnet, and a web browser to gather information.
Start AttackBox
Help
Save Room
2834
Options
Task 1 Introduction
Task 2 Web Browser
Task 3 Ping
Task 4 Traceroute
Task 5 Telnet
Task 6 Netcat
Task 7 Putting It All Together

Result: Thus, the passive and active reconnaissance has been performed successfully in TryHackMe platform.