

## Ex. No.: 3 PASSIVE AND ACTIVE RECONNAISSANCE

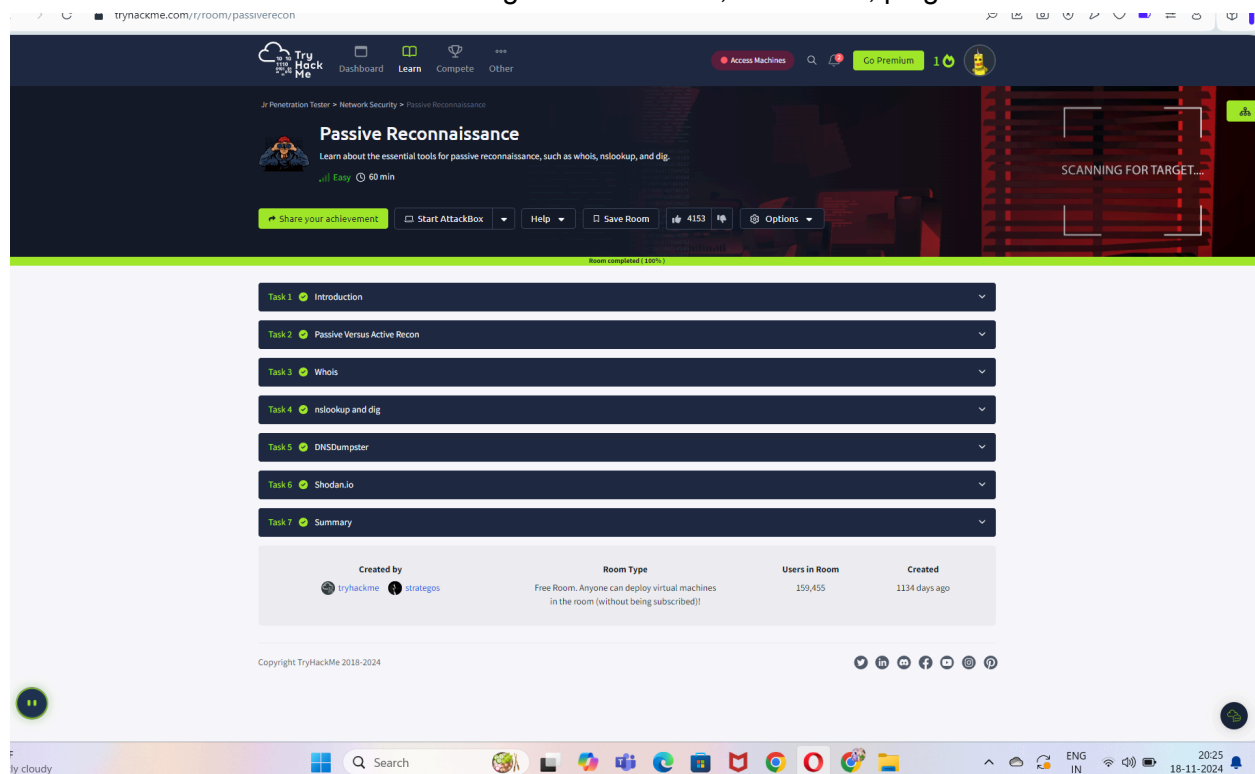
Date:

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.



The screenshot shows the TryHackMe 'Active Reconnaissance' room interface. The top navigation bar includes 'TryHackMe', 'Dashboard', 'Learn', 'Complete', and 'Other'. A 'Go Premium' button is visible. The room title 'Active Reconnaissance' is displayed, along with a description: 'Learn how to use simple tools such as traceroute, ping, telnet, and a web browser to gather information.' The room is marked as 'Easy' and '60 min'. A progress bar indicates 'Room completed (100%)'. Below the title, there is a list of tasks: Task 1: Introduction, Task 2: Web Browser, Task 3: Ping, Task 4: Traceroute, Task 5: Telnet, Task 6: Netcat, and Task 7: Putting it All Together. A table at the bottom provides room details:

Created by	Room Type	Users in Room	Created
tryhackme, strategos	Free Room. Anyone can deploy virtual machines in the room (without being subscribed!)	118,417	1134 days ago

The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 20:25 on 18-11-2024.

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

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