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### PASSIVE AND ACTIVE RECONNAISSANCE

#### Aim:

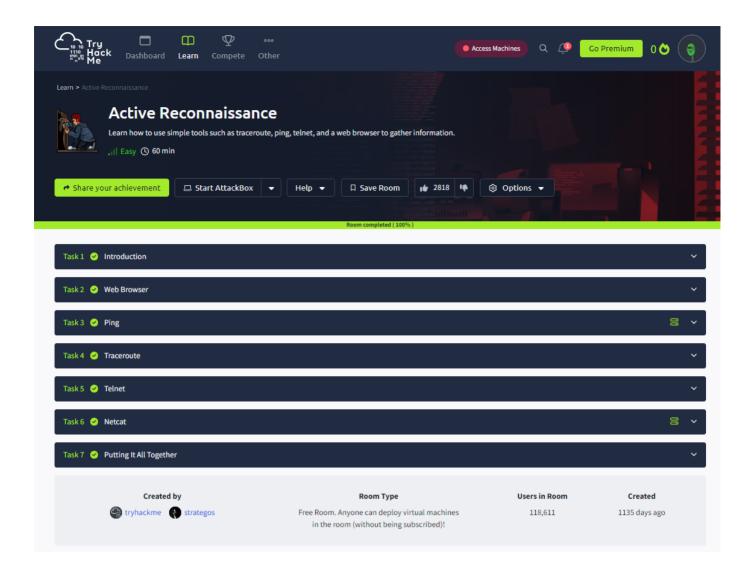
To do perform passive and active reconnaissance in TryHackMe platform.

## Algorithm:

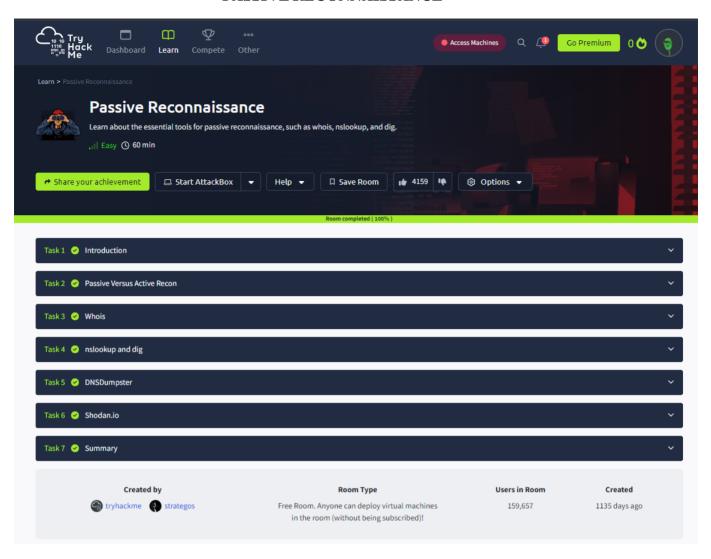
- 1. Access the Passive reconnaissance lab in TryHackMe platform using the link belowhttps://tryhackme.com/r/room/passiverecon
- 2. Click Start AttackBox to run the instance of Kali Linux distribution.
- 3. Run whois command on the website tryhackme.com and gather information about it.
- 4. Find the 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 belowhttps://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:**

### **ACTIVE RECONNAISSANCE**



# PASSIVE RECONNAISSANCE



# **Result:**

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