Network Research Project

Command and Control

Unit: TMagen773631

Student code: s17

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About the project:

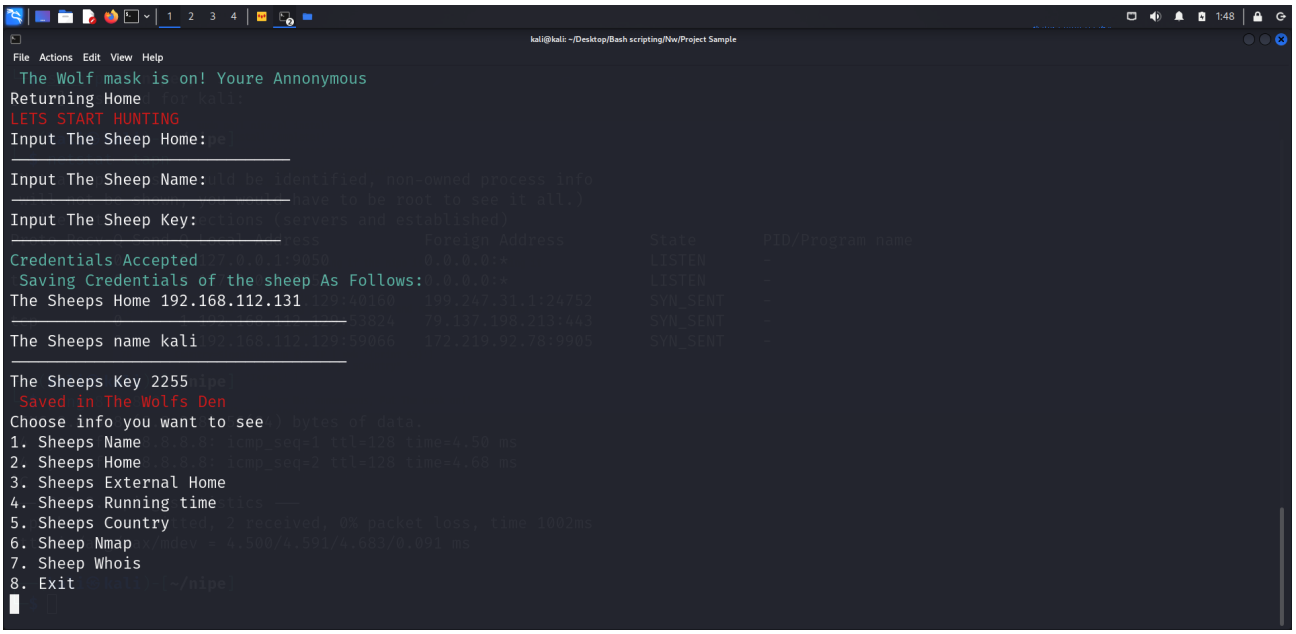
As a student of cyber security I was tasked to build a script in kali Linux to take control of another machine using Ssh server and execute scans with different tools at different domains all while being anonymous.

In the beginning we were introduced to the tools that will help us guide us in the process of building the script, bash language and its usage, nipe.pl the tool that mask you through Tor web browser and acting like VPN and of course the sshpass tool which gives us remote control of ssh server which is running and his credentials are known.

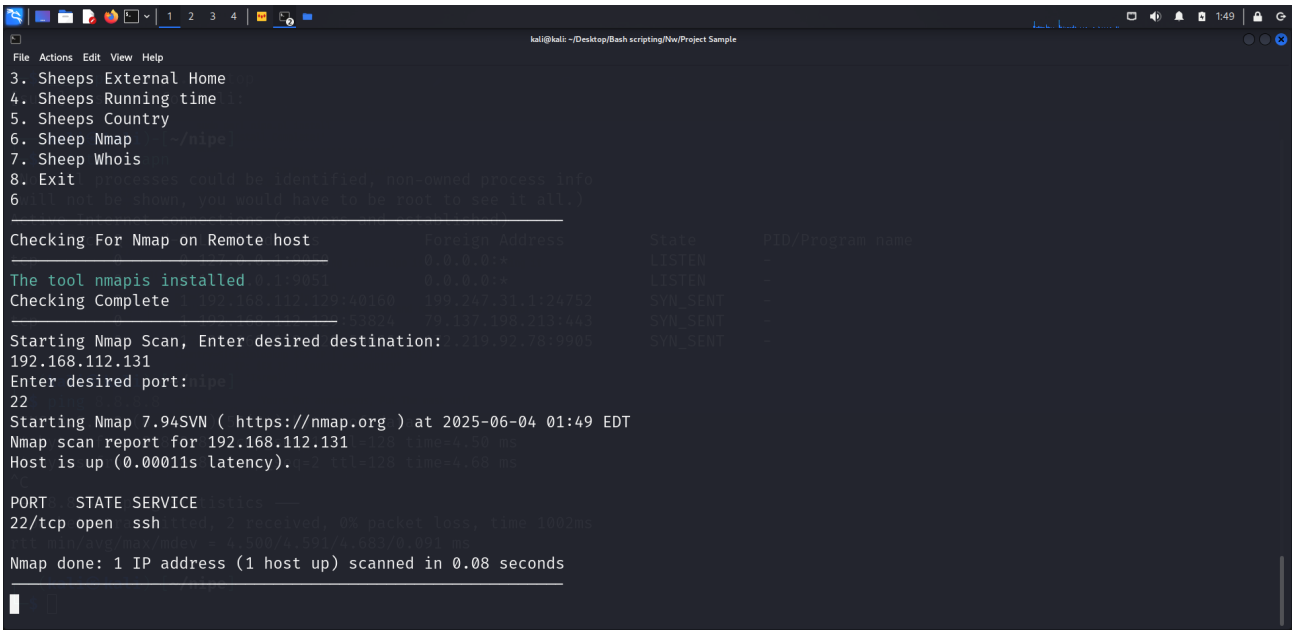
The process itself was challenging but not impossible I took it to myself to build something that will guarantee the success of the task at hand. That’s why I separated the project into 3 parts:

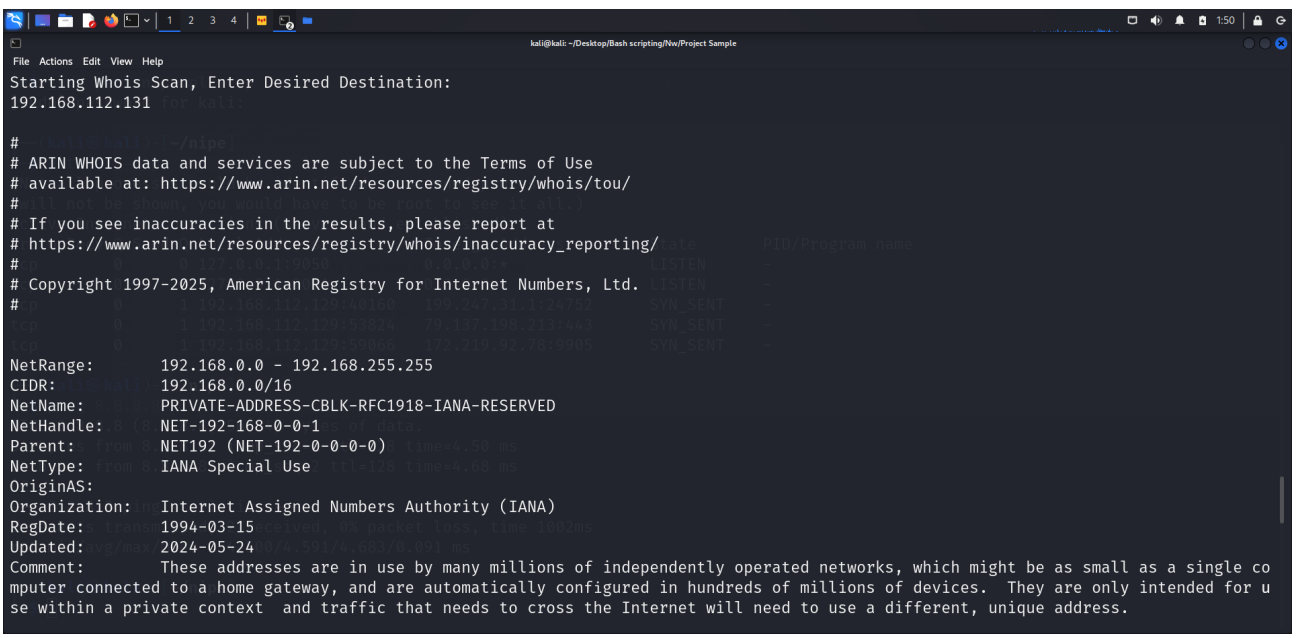
1st. Checking my machine on the tools I need for the mission and their correct work

2nd. Checking my target credentials are correct and working



3rd. Checking the victims machine have all the tools to successfully pass the scans of desired domains.





After each part was complete and properly tested I continued to the next part.

All that became at the end my first working script and project in this Course.

Thanks to Doron Zohar for guiding me through this process with advice and help.

Another tool that I used to help me around is Deepseek.com for correcting lines I had trouble with.