INSTITUTE OF EMERGING CAREERS

COHORT - 6

Course: Cyber Security

Week: 14

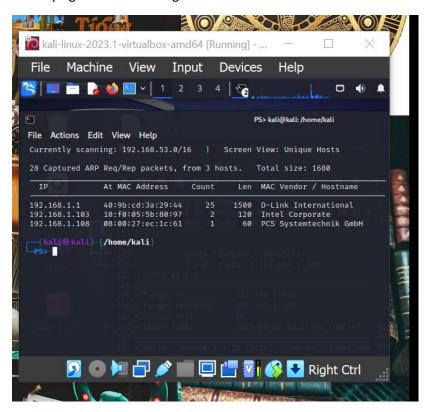
Assignment 14: Find vulnerabilities and attack the machine

Name of the Student: Muhammad Umer Taj

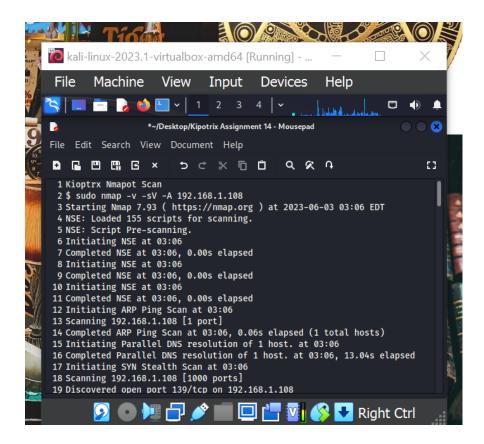
Topic: Kioptrix

Challenge: Solve the CTF machine

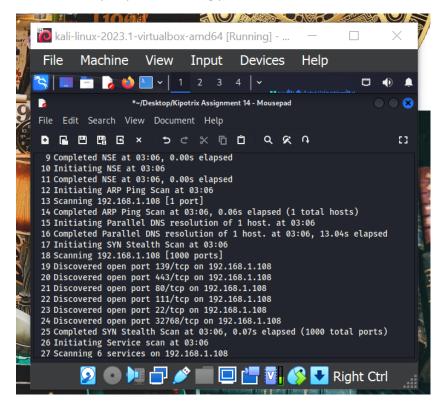
Identifying the IP of the target Machine



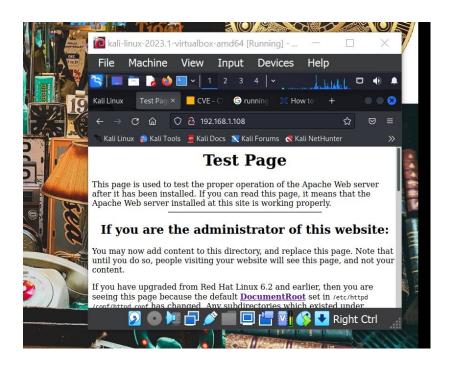
Running NMAP on 192.168.1.108



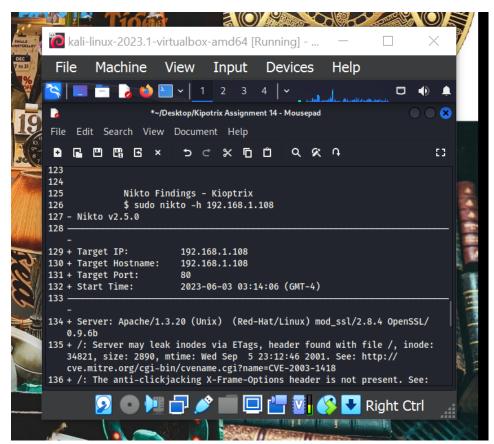
Found a few open ports including port 80, 443 and 139



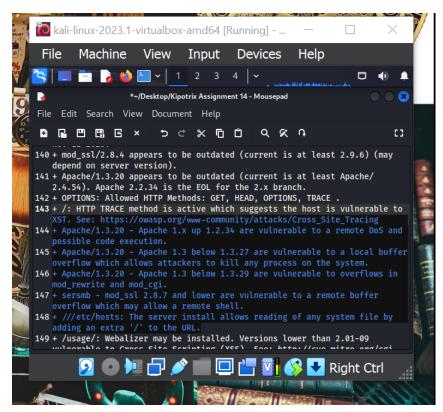
Information on Port 80



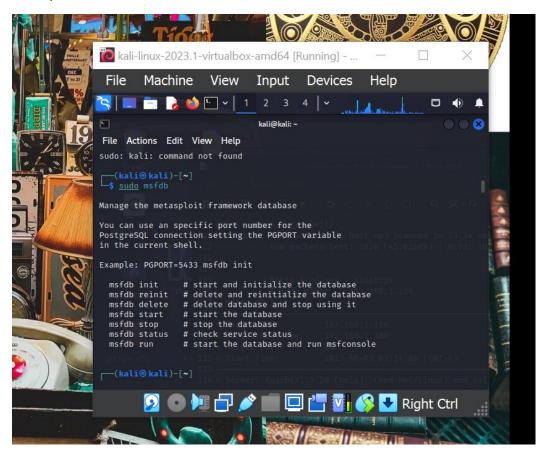
Running Nikto on the target machine and identifying vulnerabilities



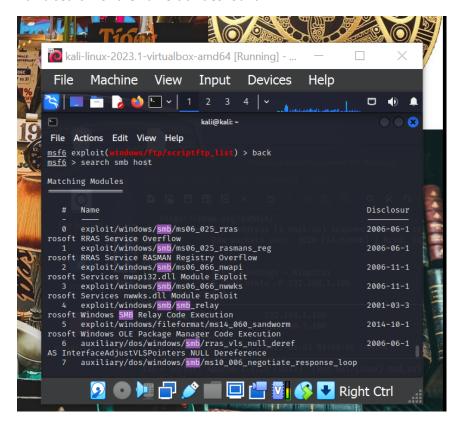
Identifying vulnerabilities to be exploited



Metasploit framework initialized:

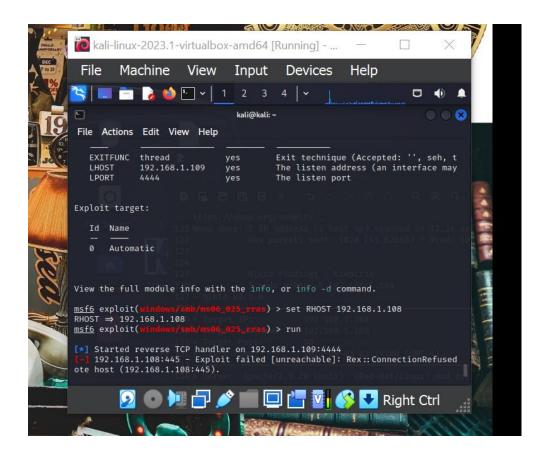


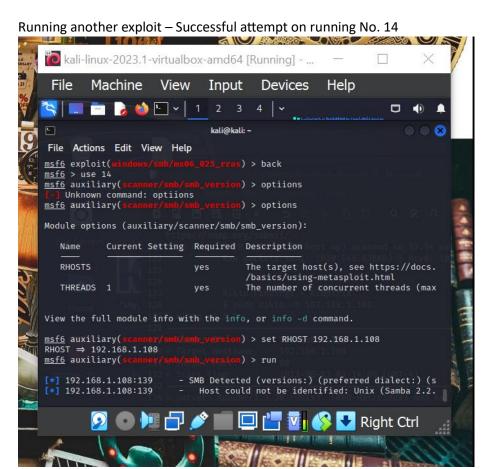
Ran a search for the vulnerabilities found



Found exploit capable of running remote shell that the machine was found vulnerable to through Nikto scanner.

Running the exploit – Unsuccessful attempt





Root privileges acquired

