Active Reconnaissance and Vulnerability Scanning

Question 1: Active Scanning

- T1:



After executing the host and dig command, the host, sdf.org, is live. The IP address (205.166.94.16) and the query time of 3msec, server (192.168.64.1), date, and time were outputted.

- T2:





After executing the dnsenum command, Linux outputted sdf.org servers and IPs. However, zone transfer failed, with queries being refused or not authorized.







After performing the ICMP with arp ping disabled, it found 256 IP addresses with 54 hosts up. After performing the TCP sweep with arp ping disables, it found all the open TCP ports.

- T4:



After executing the nmap -sV command for the host, I found the open ports and their services.

Question 2: Vulnerability Scanning







- T2:

