Labs: Threats, Attacks, and Vulnerabilities

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Lab 1: Vulnerabilites part 1

 practicing footprinting, spoofing, and DoS attack strategies

 Using Kali machine to use nmap

 Did a scan on 192.168.27.0/24

 Saved file to hosts.txt

 Performed a syn scan using nmap on the same ip

 Using leafpad to view the results of the scan in host.txt

 Now using Zenmap to perform similiar tasks

 performed a scan on kali box using zenmap on 192.168.27.18 and used wireshark on win 10 box to capture the data

 Performed another scan in zenmap on 192.168.27.0/24

 Using win 10 machine to learn about wireshark

 using wireshark to view the packets from a previously saved snapshot



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Lab 2: vulnerabilites part 2

 Using wireshark to scan tcp port 80

 On the server instance i am going through the settings

 deleted browser history

 Using the kali machince to ping an ip

 observing the pings in wireshark on the windows machine

 Now moving on to the anti-phising toolbar

 installing firefox on the win10 machine

 downloading the netcraft toolbar for firefox

 checking for phishing websites



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Lab 3: Firewall Rule Based Management

 Using one of the server machines to ping the win 10 machine

 went into the firewall settings for win10 machine

 changed the firewall rule for file and printer sharing and turned on the firewall

 tried ping again from server machine and it did not go through as expected

 Swtiched back the firewall rule on the win10 machine and pinged from the server and it worked again

 performing the ping actions in reverse

 Performing a remote desktop connection from the win10 machine

 used RDP to change the firewall rule on the server from the win10 machine

 pinged the server and got no response

 reversed the process to turn the friewall rule back on

 Using the server machine to change more firewall rules

 used the CLI to set all the firewall rules to the off state

 pinged from the win10 machine to the server and got a reply

 Used the CLI to turn back on all firewall rules

 pinged again from win10 machine with no reply

