Network Security, Firewalls, and VPNs, Third Edition - Lab 01

Student: Email:
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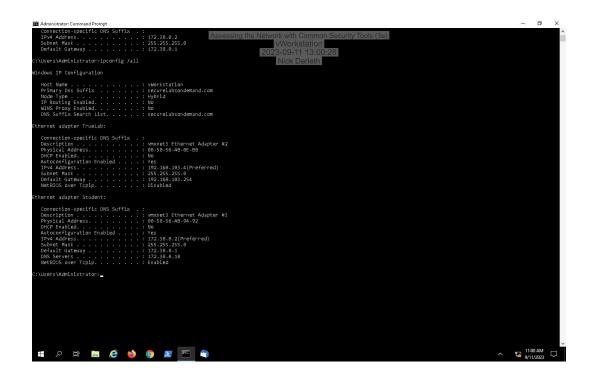
Time on Task: Progress:
0 hours, 44 minutes 50%

Report Generated: Friday, September 22, 2023 at 8:29 AM

Section 1: Hands-On Demonstration

Part 1: Explore the Local Area Network

4. Make a screen capture showing the ipconfig results for the Student adapter on the vWorkstation.

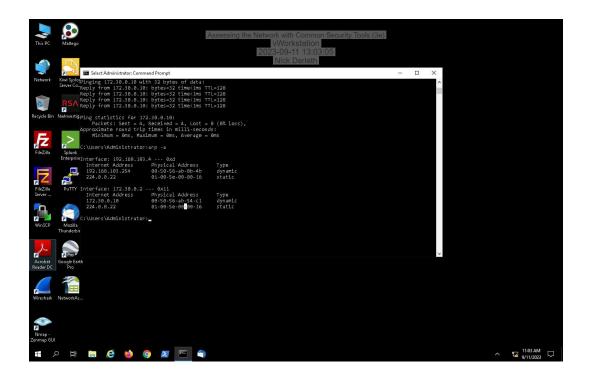


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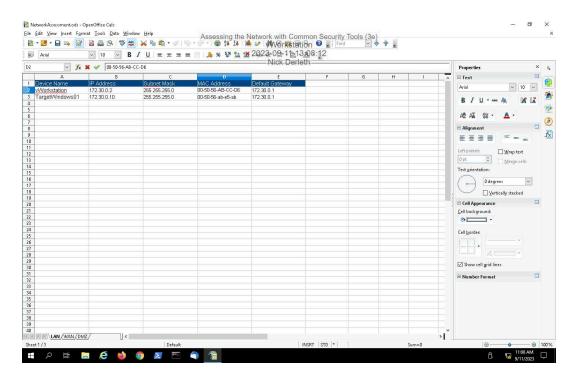
7. Make a screen capture showing the ipconfig results for the Student adapter on TargetWindows01.



15. Make a screen capture showing the updated ARP cache on the vWorkstation.



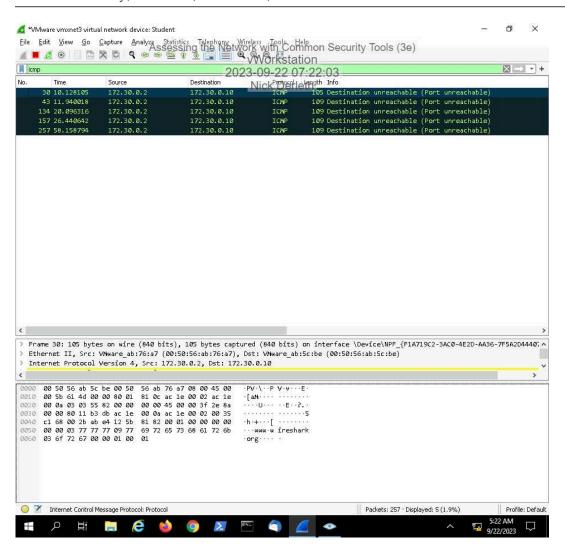
19. Make a screen capture showing the completed LAN tab of the Network Assessment spreadsheet.



Part 2: Analyze Network Traffic

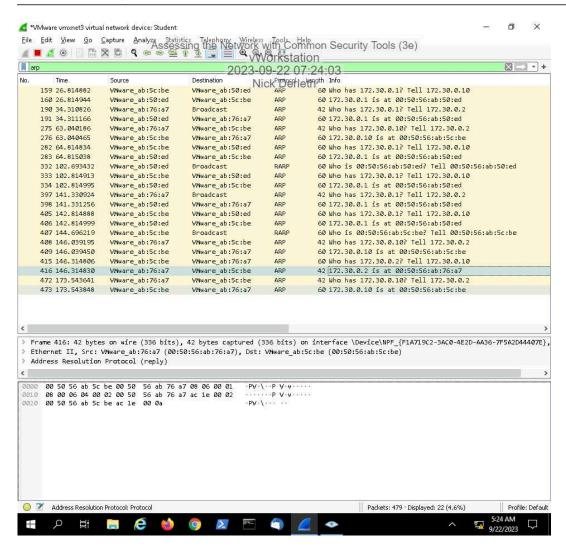
9. Make a screen capture showing the ICMP filtered results in Wireshark.

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12. Make a screen capture showing the ARP filtered results in Wireshark.

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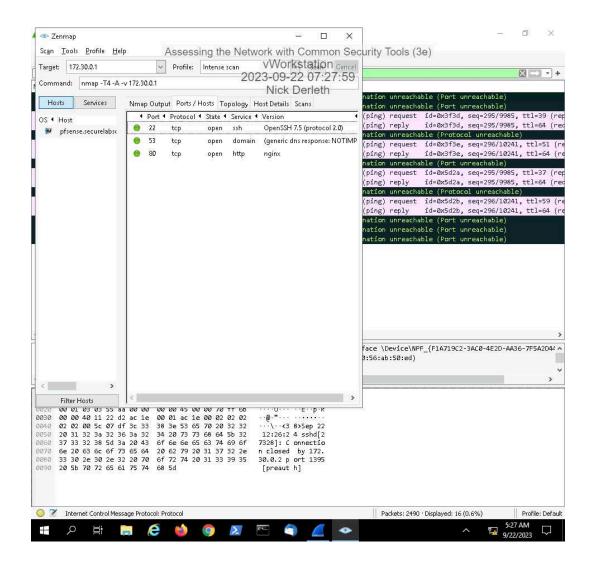
18. **Compare** the Regular scan results for ICMP and ARP traffic with the results from the Ping scan.

ICMP traffic seemed the same on both scans but ARP had much more traffic on the regular scan than the ping scan.

24. **Compare** the Intense scan results with the results from the Ping scan.

ICMP seemed to be sending more requests and getting more replies while ARP stayed the same.

28. Make a screen capture showing the contents of the Ports/Hosts tab.



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Section 2: Applied Learning

Part 1: Explore the Wide Area Network

Part 1. Explore the Wide Area Network									
6. Make a screen capture showing the ifconfig results on AttackLinux01.									
Incomplete									
12. Make a screen capture showing the ipconfig results on RemoteWindows01.									
Incomplete									
18. Make a screen capture showing the updated ARP cache on RemoteWindows01.									
Incomplete									
22. Make a screen capture showing the completed WAN tab of the Network Assessment spreadsheet.									
Incomplete									
Part 2: Analyze Network Traffic									
9. Make a screen capture showing tcpdump echo back the captured packets.									
Incomplete									
12. Make a screen capture showing the attempted three-way handshake in tcpdump.									
Incomplete									

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17.	Make a	screen	capture	showing	the	results	of	the get	command	L

Incomplete

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Section 3: Challenge and Analysis

Part 1: Explore the DMZ

Make a screen capture showing the completed DMZ tab of the NetworkAssessment spreadsheet.

Incomplete

Part 2: Perform Reconnaissance on the Firewall

Briefly summarize and analyze your findings in a technical memo to your boss.

Incomplete