Student:		Email:
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Time on Task:		Progress:
8 hours, 42 minutes		100%

	Report Generated:	Monday, July 7, 2025 at 9:47 PM

Section 1: Hands-On Demonstration

Part 1: Troubleshoot Connectivity Issues on the LAN

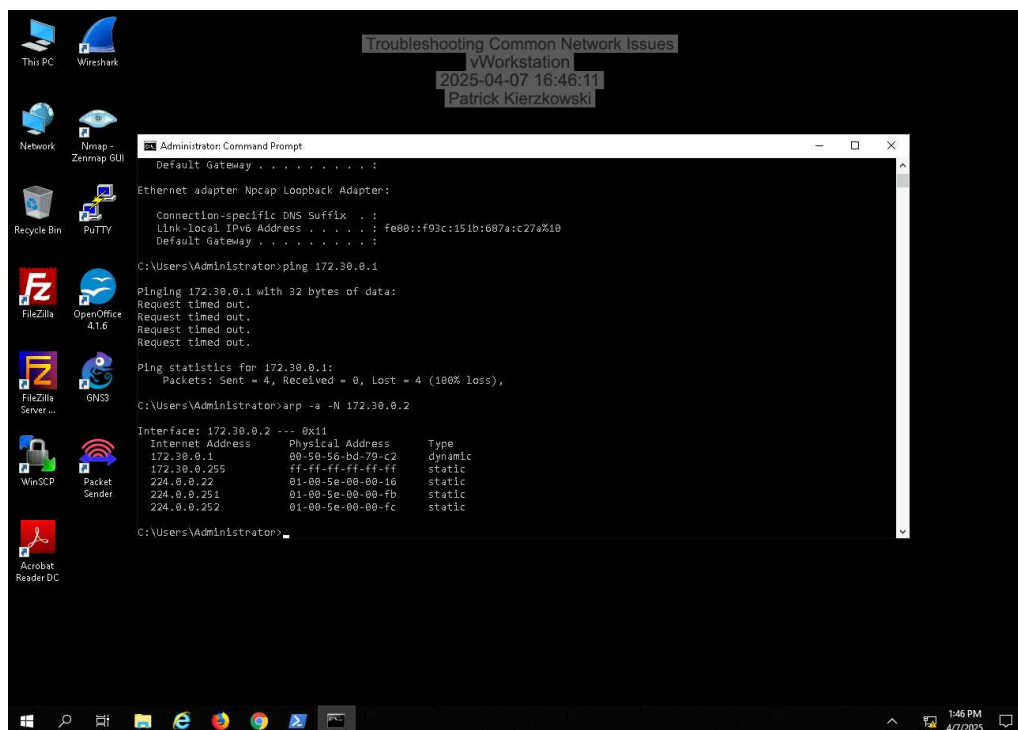8. **Make a screen capture** showing the **Student connection details in the Student Status window**.
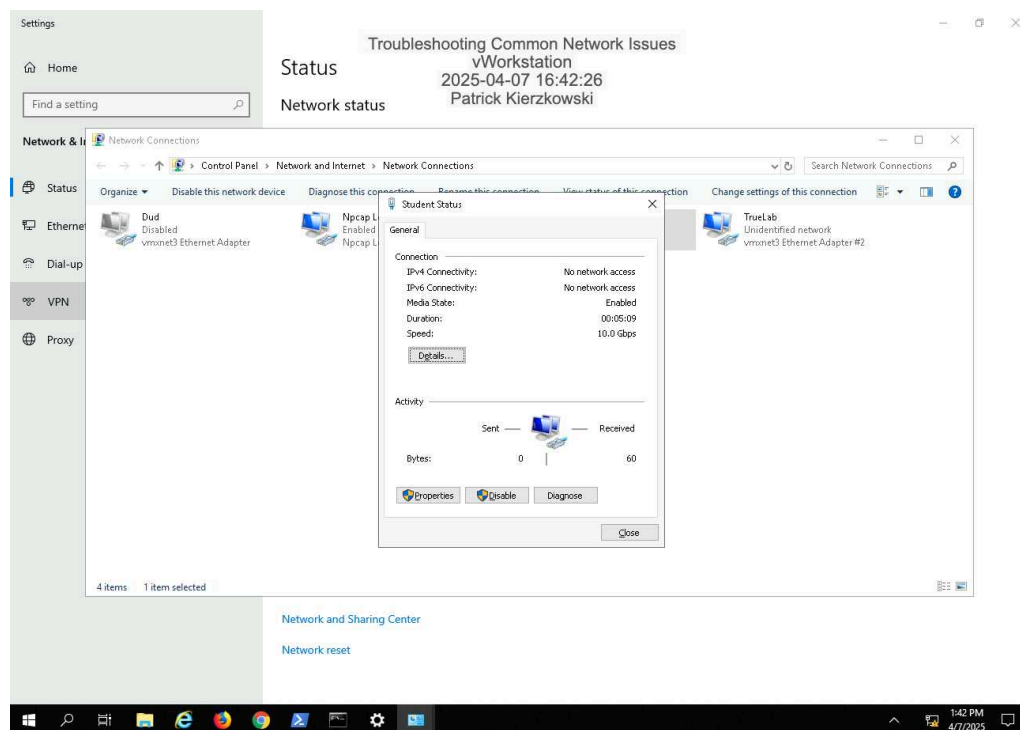
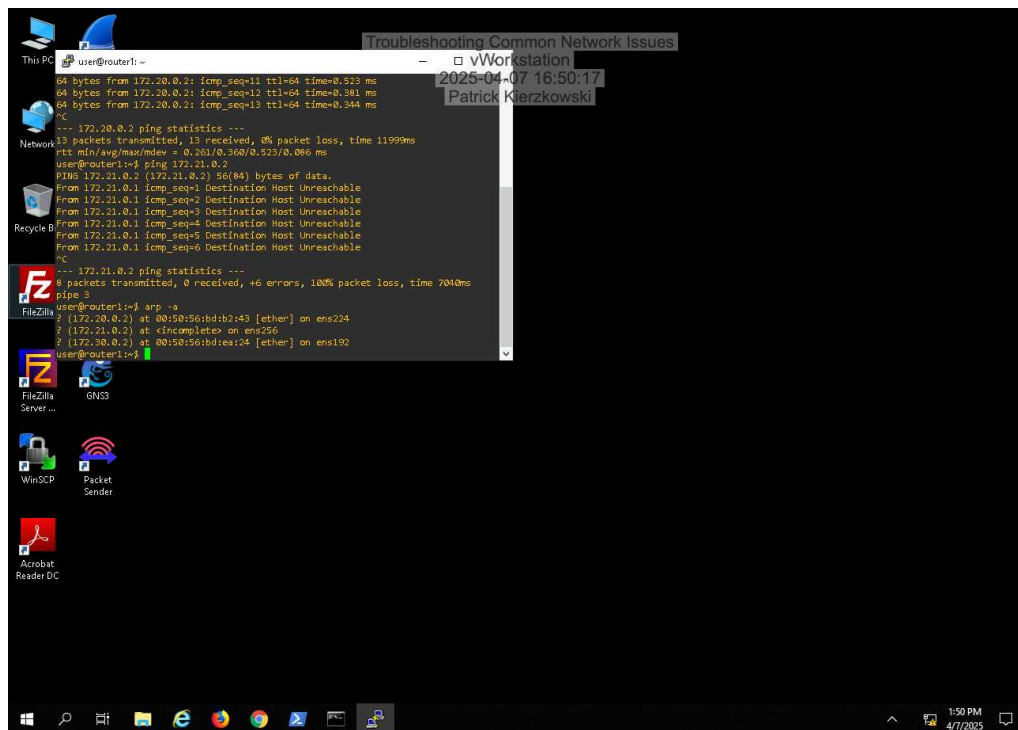14. **Make a screen capture** showing the **successful localhost ping**.
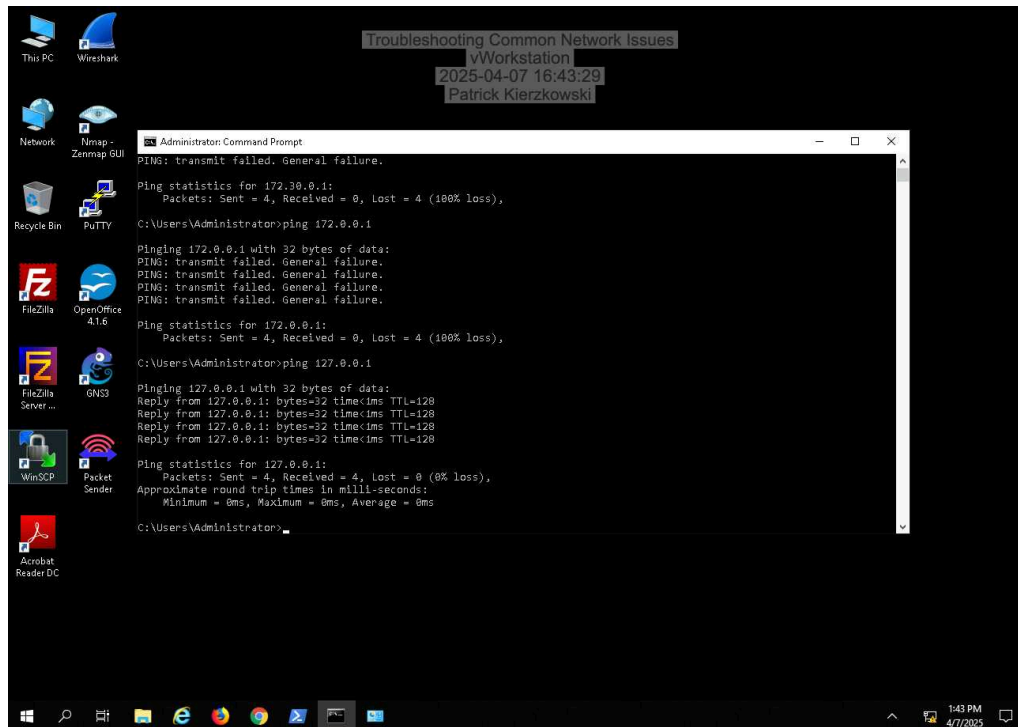
28. **Make a screen capture** showing the **current ARP cache for the vWorkstation machine**.
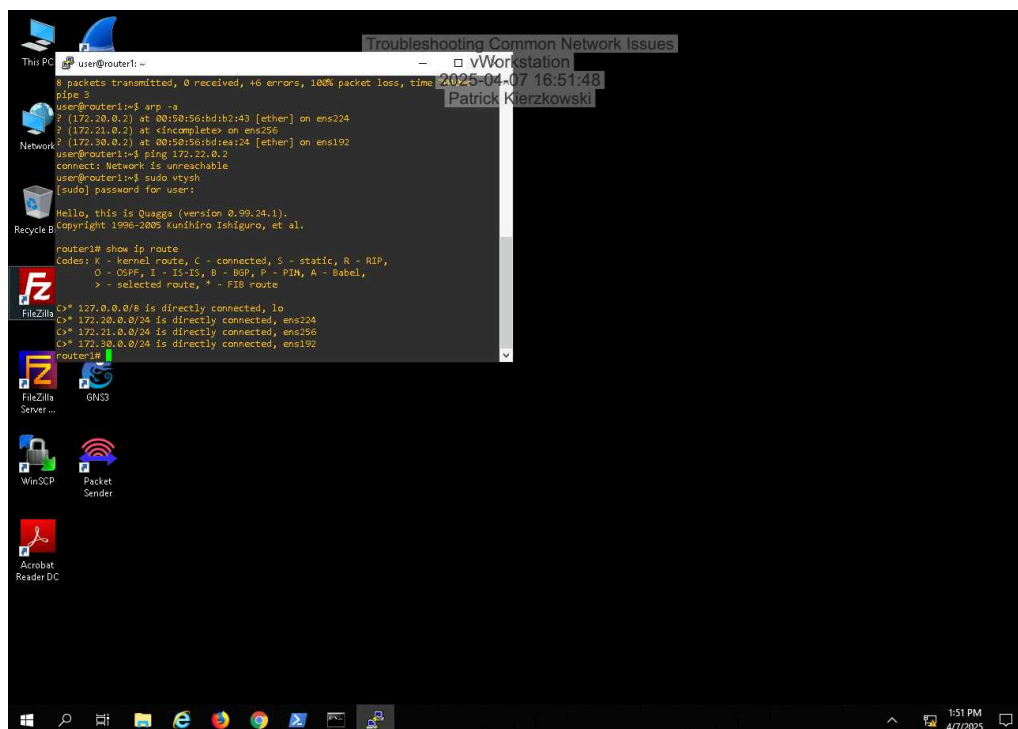
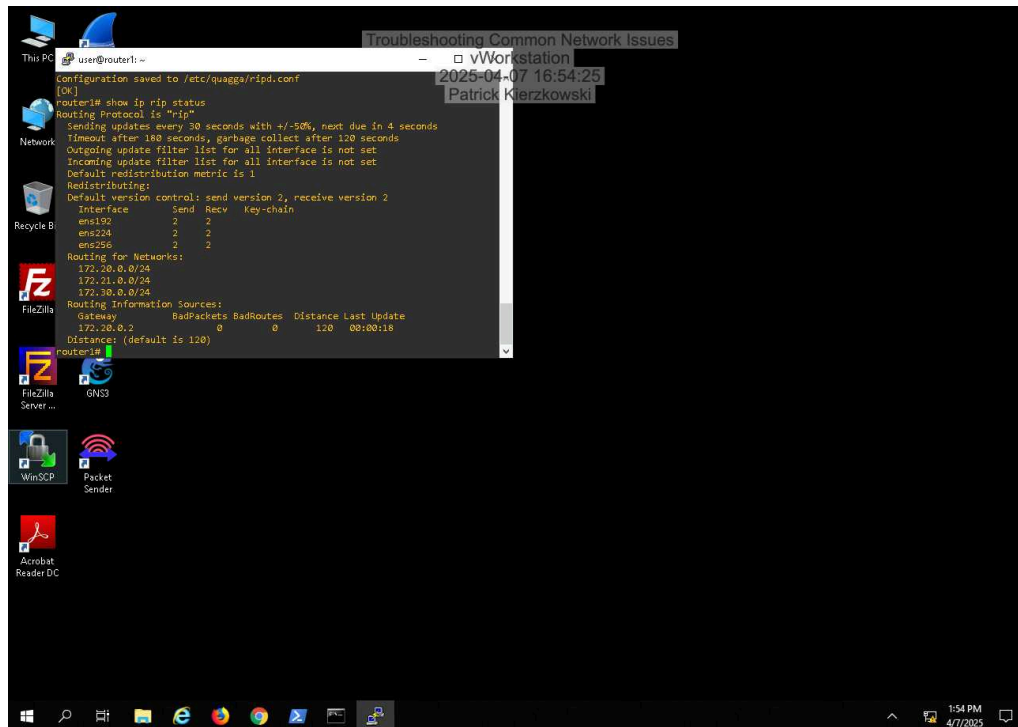

Part 2: Troubleshoot Connectivity Issues on the WAN

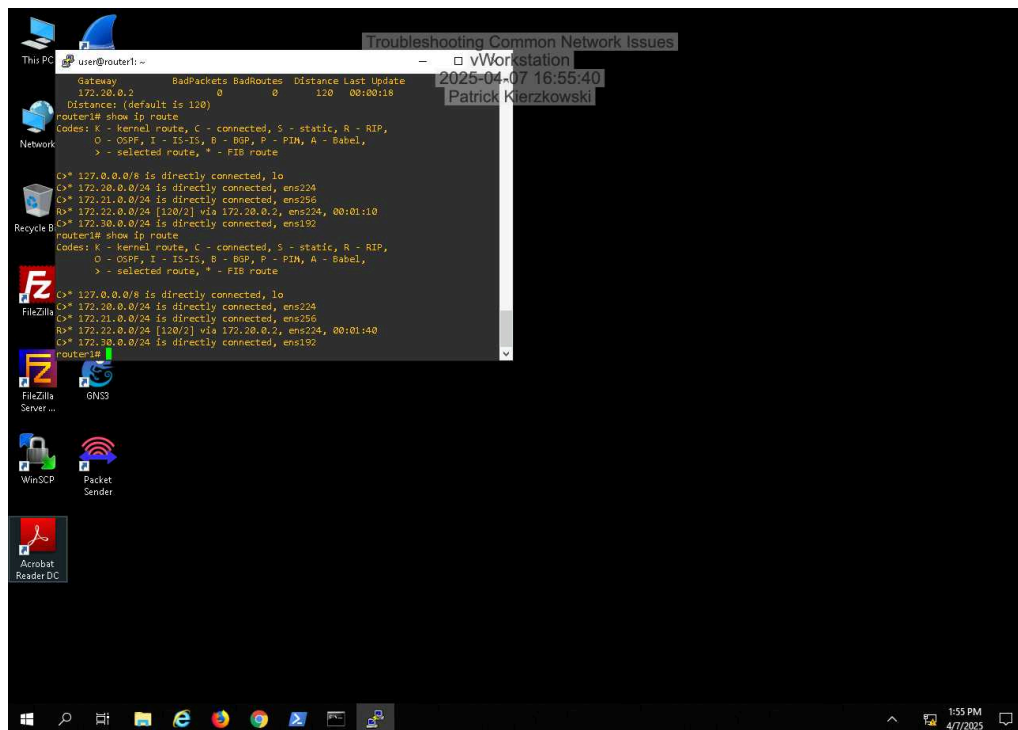7. **Make a screen capture** showing the **router1 ARP cache**.

11. **Make a screen capture** showing the **current routing table on router1**.
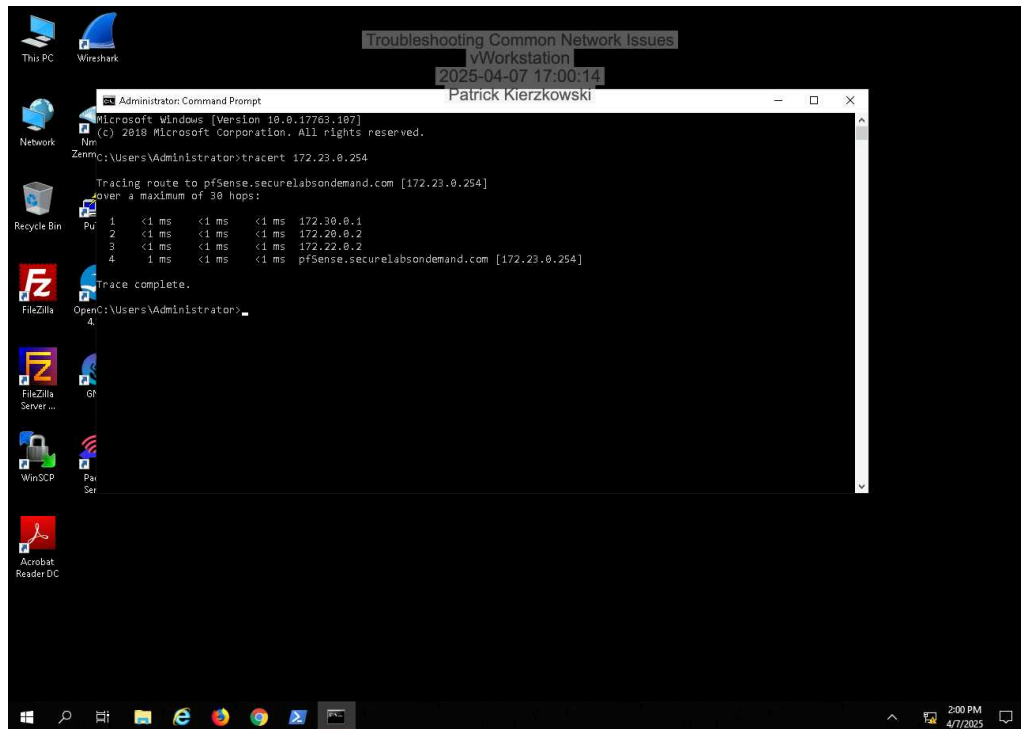
21. **Make a screen capture** showing the **output of your RIP status command**.

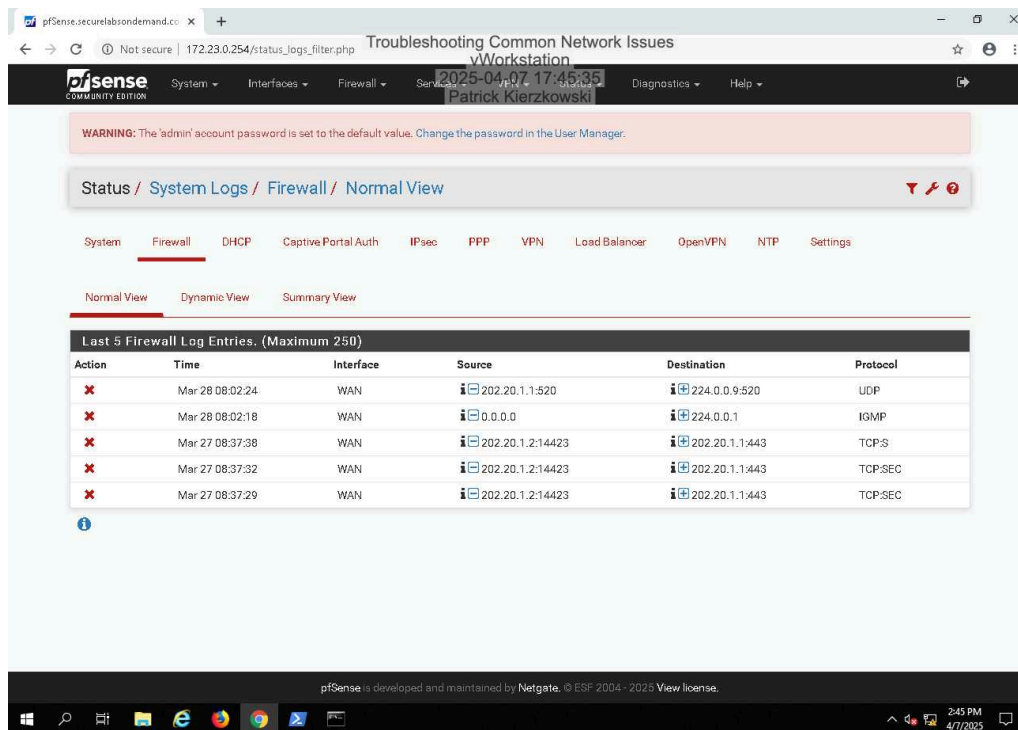23. **Make a screen capture** showing the **new RIP-provided route**.

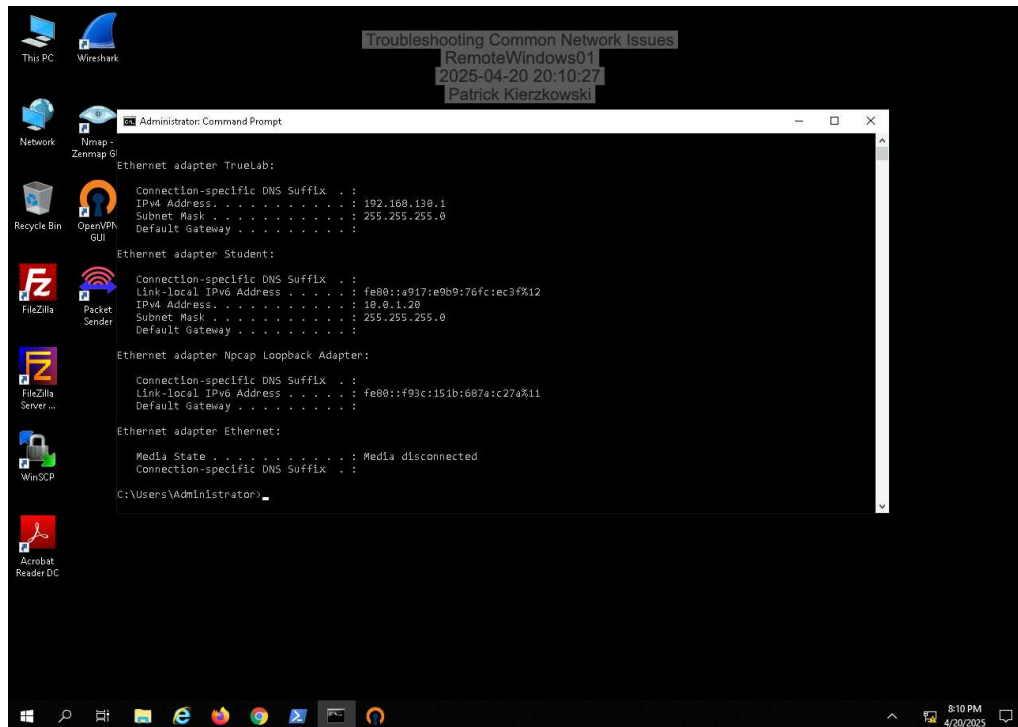39. **Make a screen capture** showing the **successful traceroute to pfSense from the vWorkstation**.

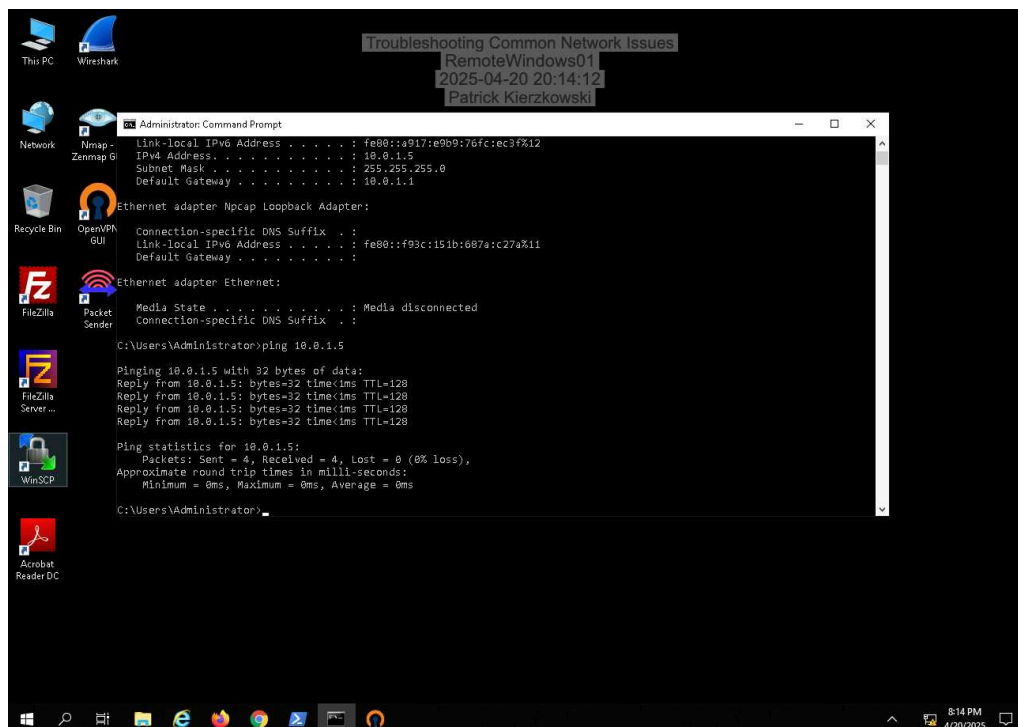# Section 2: Applied Learning

Part 1: Troubleshoot VPN Issues

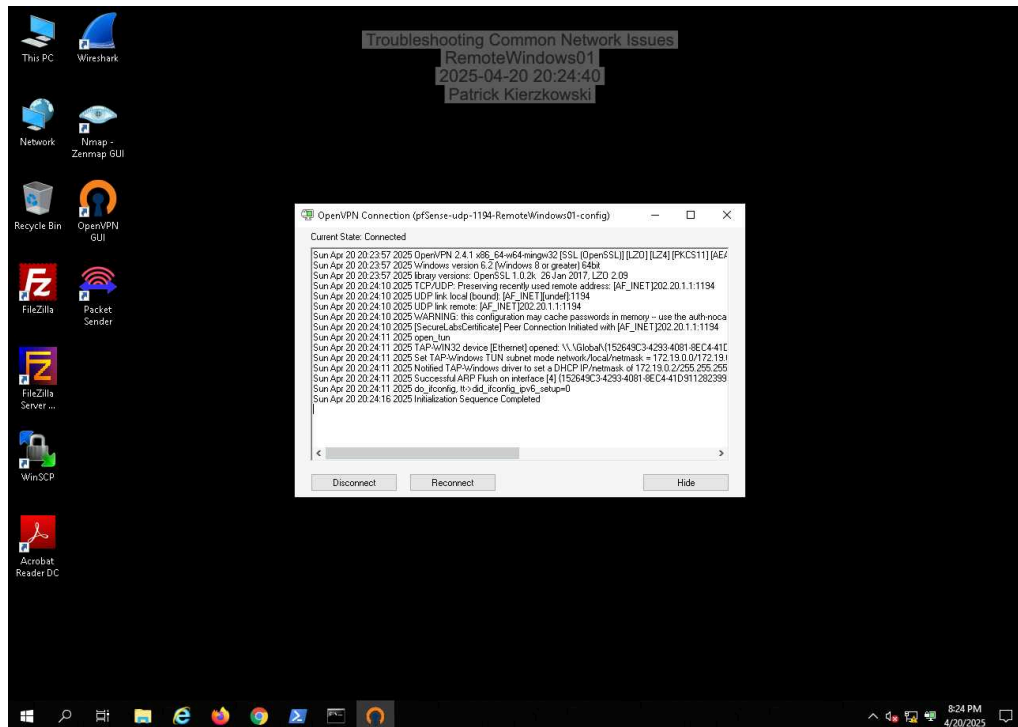8. **Make a screen capture** showing the **blocked connections from 202.20.1.2 in the firewall logs**.

18. **Make a screen capture** showing the **current IP configuration on RemoteWindows01**.

22. **Make a screen capture** showing the **successful ping to the RemoteWindows01 machine's default gateway**.
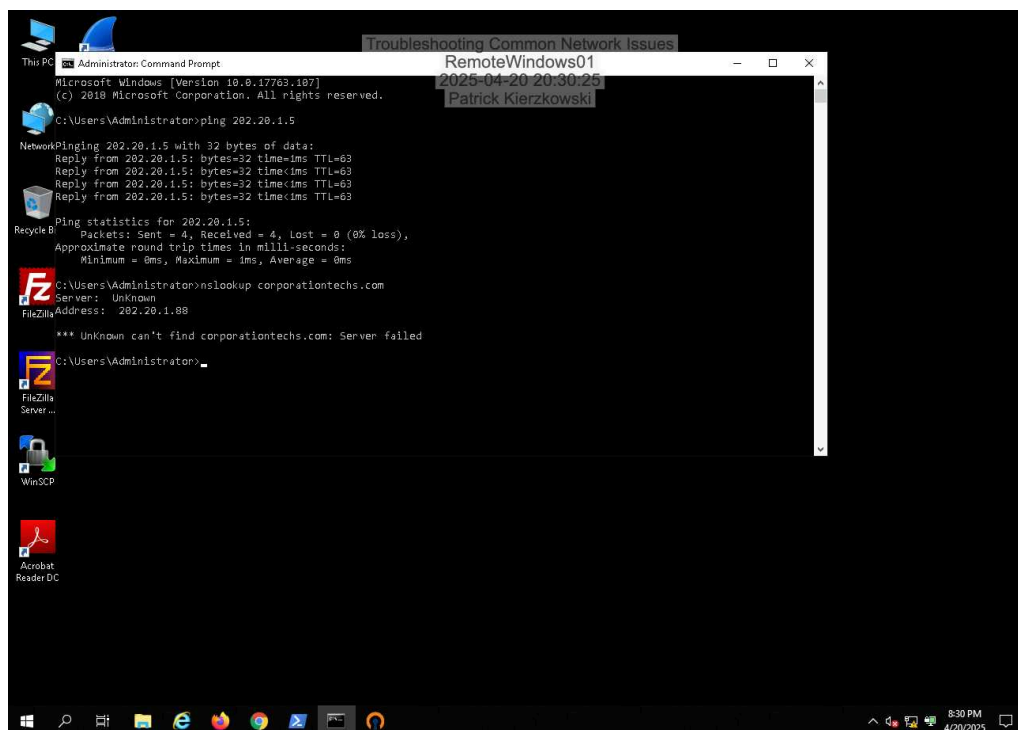
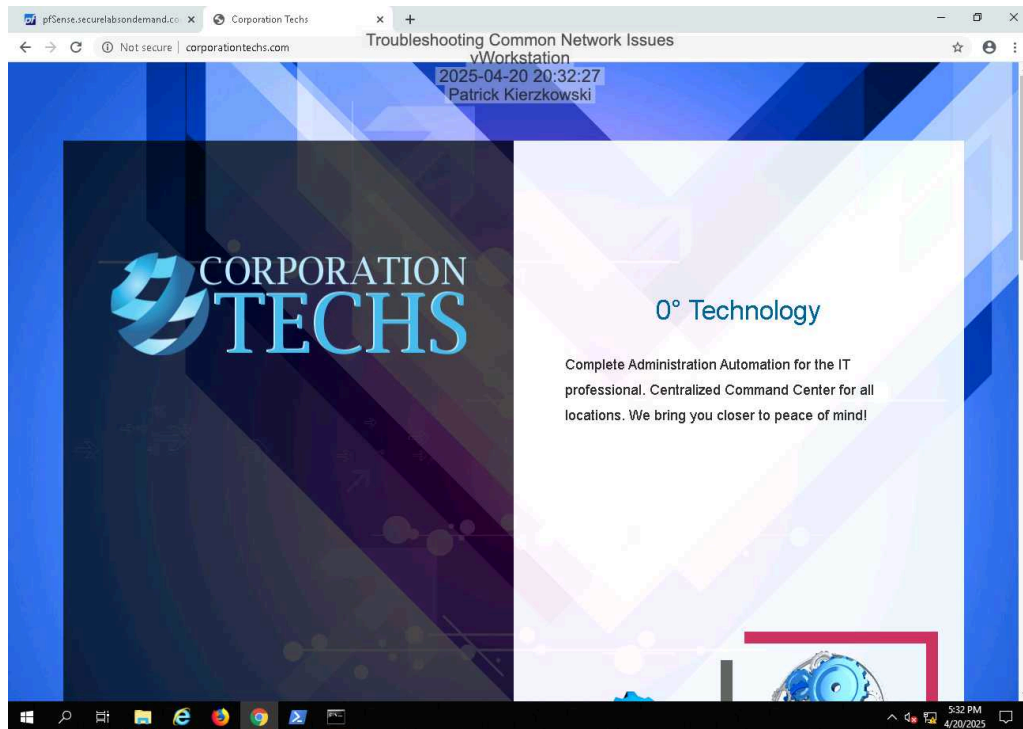31. **Make a screen capture** showing the **OpenVPN Connection window**.

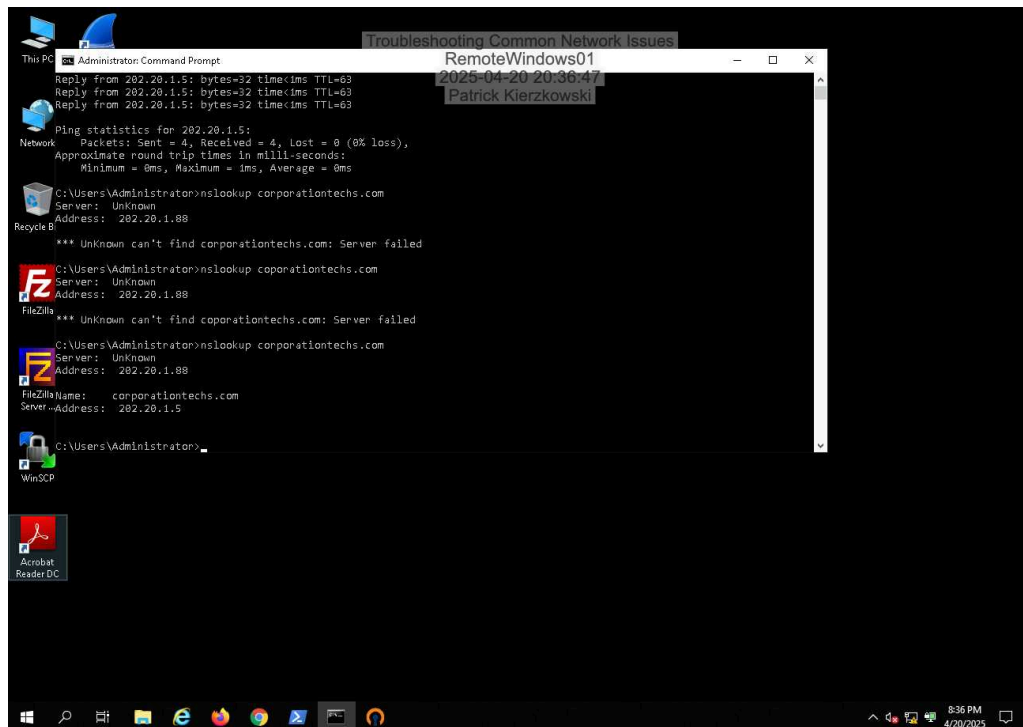## Part 2: Troubleshoot DNS Issues

15. **Make a screen capture** showing the **output of your ping and nslookup executions**.

22. **Make a screen capture** showing the **successful connection to the corporationtechs.com website**.

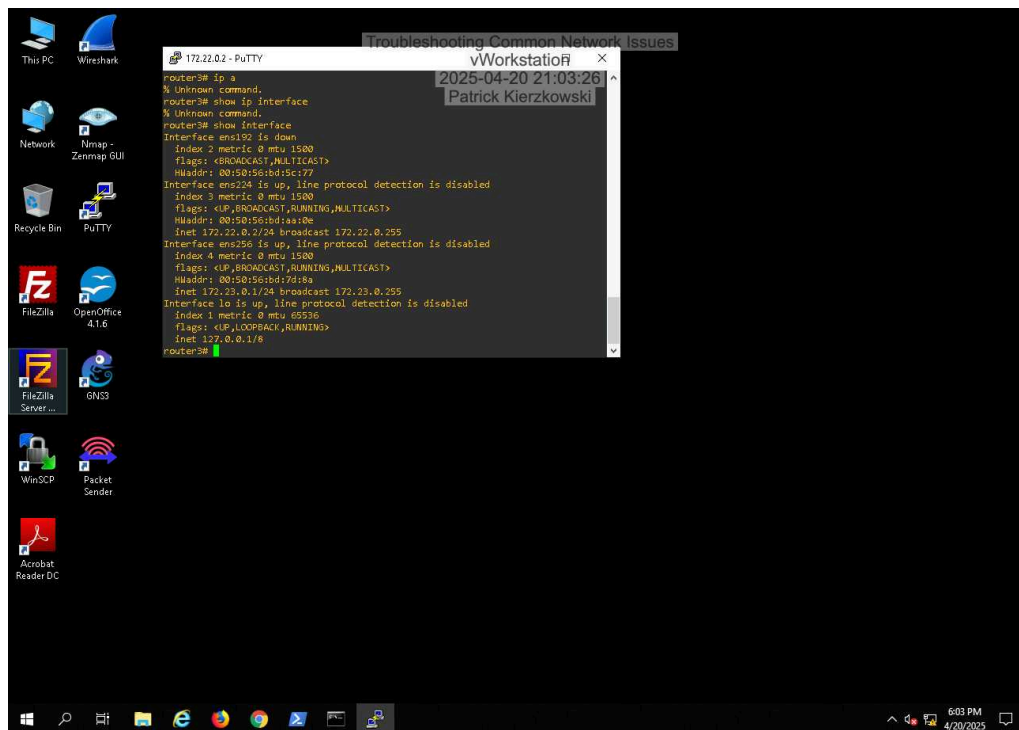25. **Make a screen capture** showing the **successful record lookup of corporationtechs.com**.

Section 3: Challenge and Analysis

Part 1: Continue Troubleshooting Connectivity Issues

Describe the networking problem you have identified.

interface ens192 is down

Make a screen capture showing the **command output that corroborates your problem description**.

Part 2: Resolve the Connectivity Issues

Make a screen capture showing the **output of your status command**.