Digital Forensics, Investigation, and Response, Fourth Edition - Lab 09

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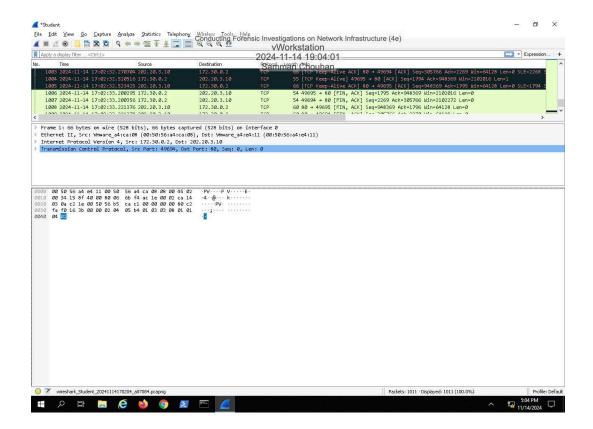
Time on Task: Progress:
1 hour, 1 minute 100%

Report Generated: Thursday, November 14, 2024 at 10:49 PM

Section 1: Hands-On Demonstration

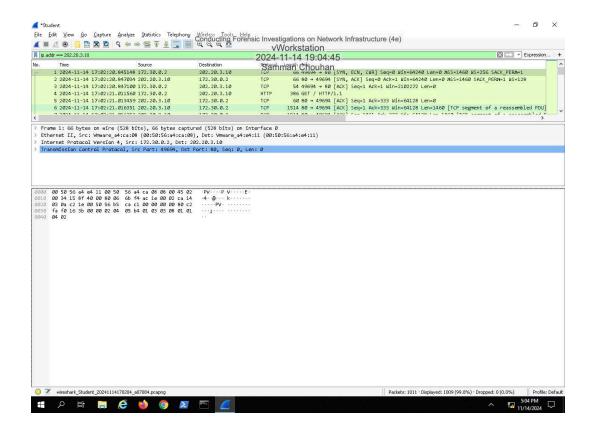
Part 1: Perform Packet Capture and Analysis

11. Make a screen capture showing the timestamp-sorted traffic.



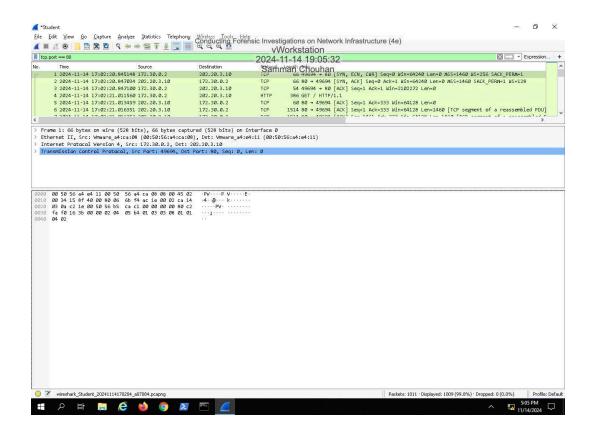
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13. Make a screen capture showing the IP-filtered traffic.



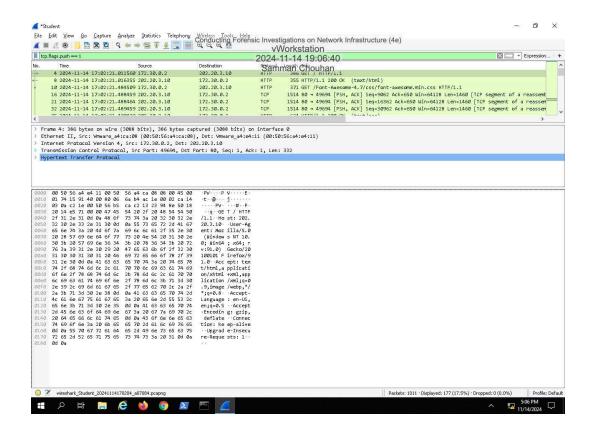
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15. Make a screen capture showing the port-filtered traffic.

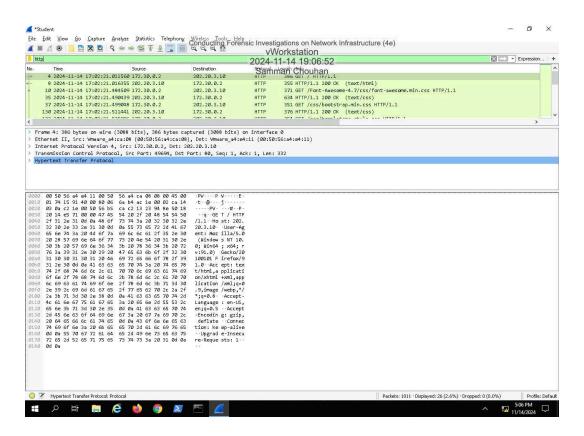


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17. Make a screen capture showing the TCP push flag-filtered traffic.



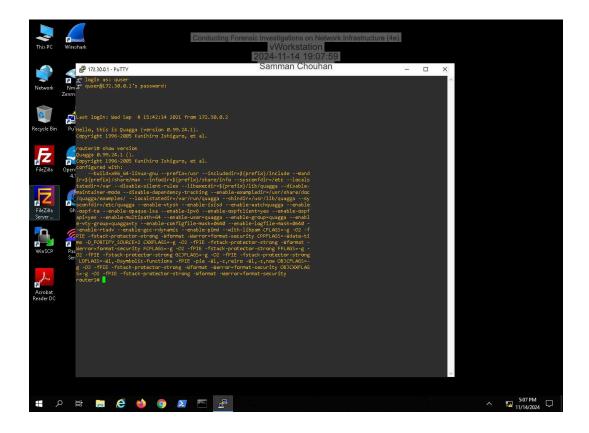
19. Make a screen capture showing the http-filtered traffic.



Part 2: Analyze a Router for Forensic Evidence

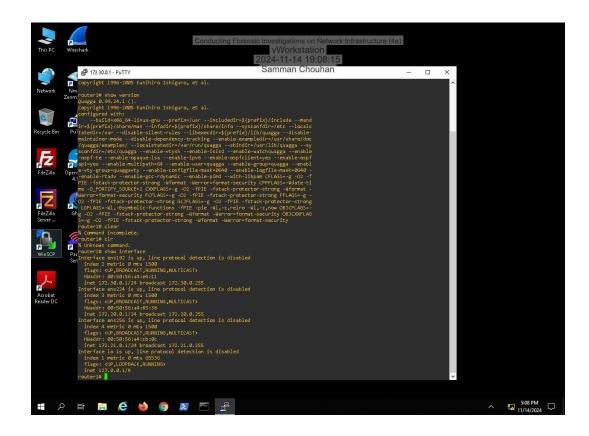
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5. Make a screen capture showing the router's version output.



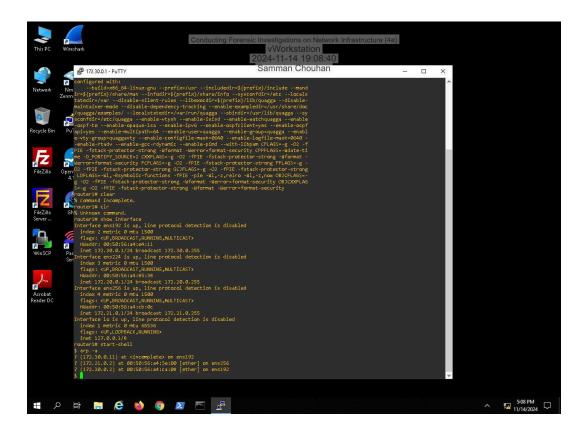
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7. Make a screen capture showing the router's interface details.



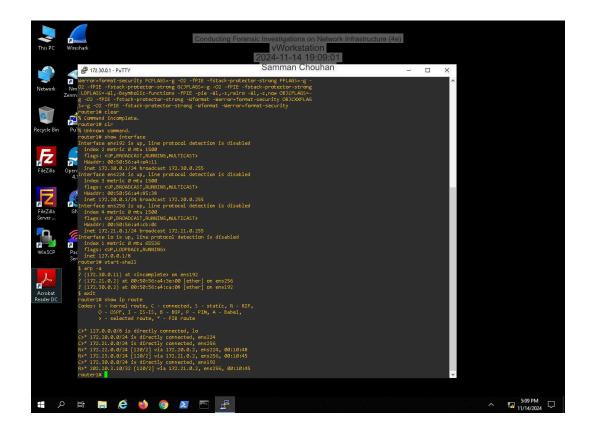
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10. Make a screen capture showing the router1 ARP table.

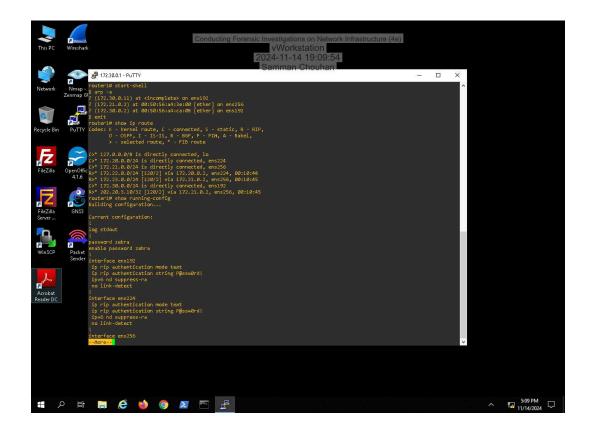


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13. Make a screen capture showing the IP routing table.



15. Make a screen capture showing the currently running configuration.

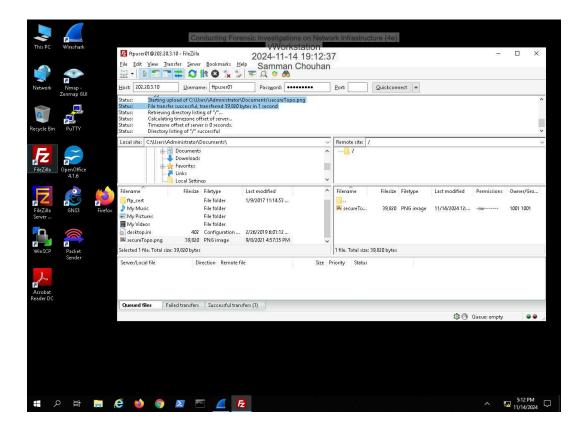


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Section 2: Applied Learning

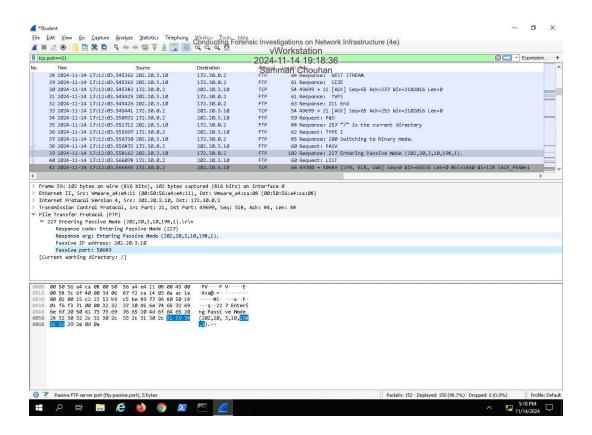
Part 1: Perform Advanced Packet Capture and Analysis

7. Make a screen capture showing the successful transfer of the secureTopo.png file.



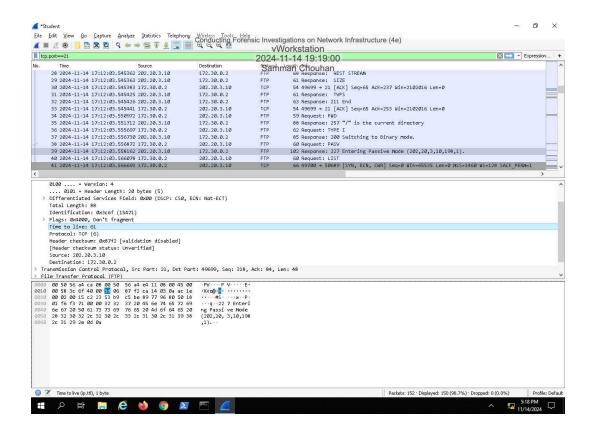
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15. Make a screen capture showing the passive port specified by the FTP server in the Packet Details pane.

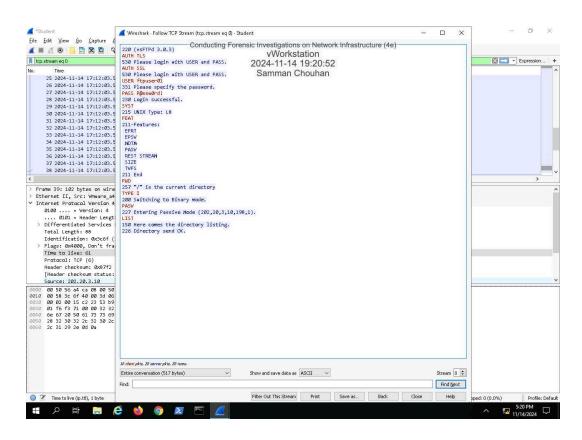


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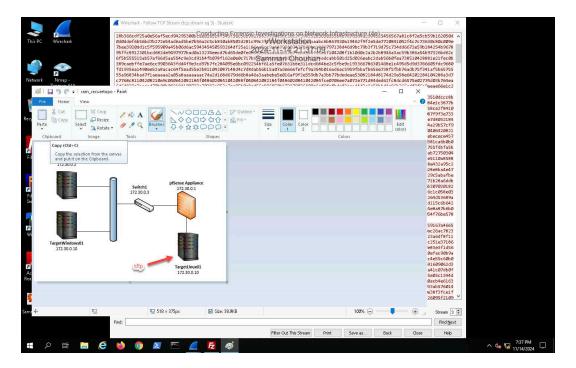
18. Make a screen capture showing the Time to live field in the Packet Details pane.



20. Make a screen capture showing the Follow TCP stream window.



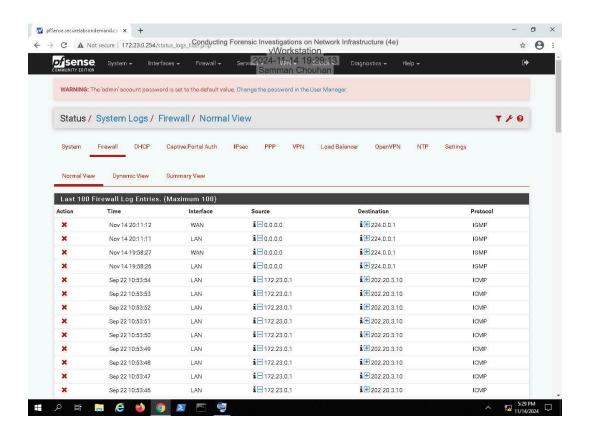
32. Make a screen capture showing the reconstituted PNG file.



Part 2: Analyze a Firewall for Forensic Evidence

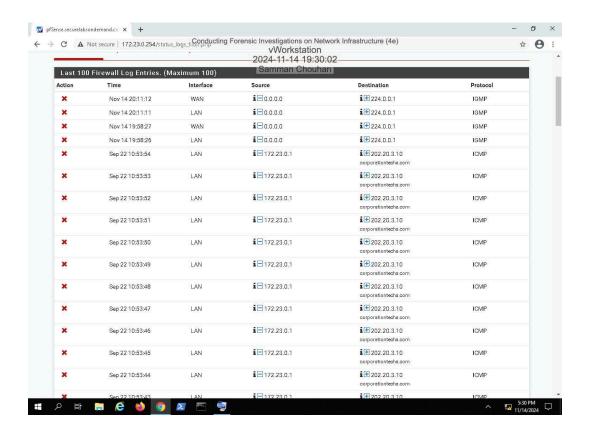
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9. Make a screen capture showing the entries in the firewall log.



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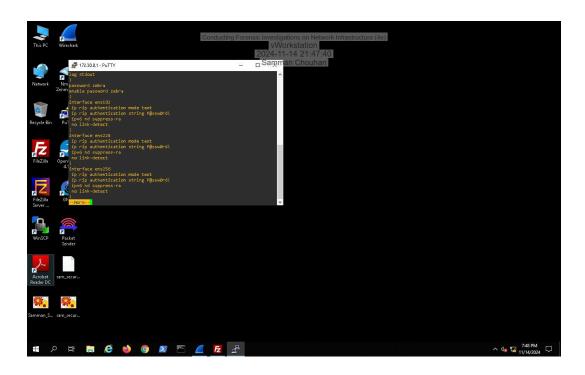
11. Make a screen capture showing the resolved entries in the firewall log.



Section 3: Challenge and Analysis

Part 1: Identify the Source of a Suspicious Route

Make a screen capture showing the non-RIP route that you discovered on the target router.



Part 2: Identify Suspicious Outgoing Connections

Record the destination IP address and Port number of the outgoing connection attempt.

The destination Ip Address: 202.20.3.10The port number of the outgoing connection attempt: 21