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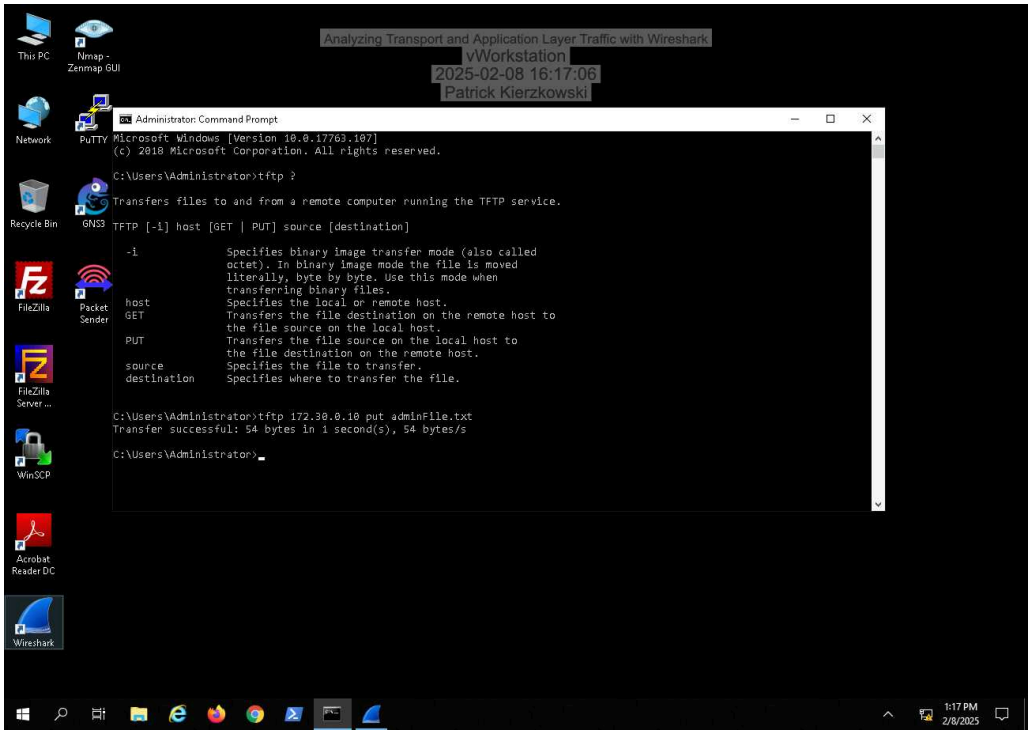
Time on Task:	Progress:
10 hours, 3 minutes	100%

Report Generated: Monday, July 7, 2025 at 9:45 PM

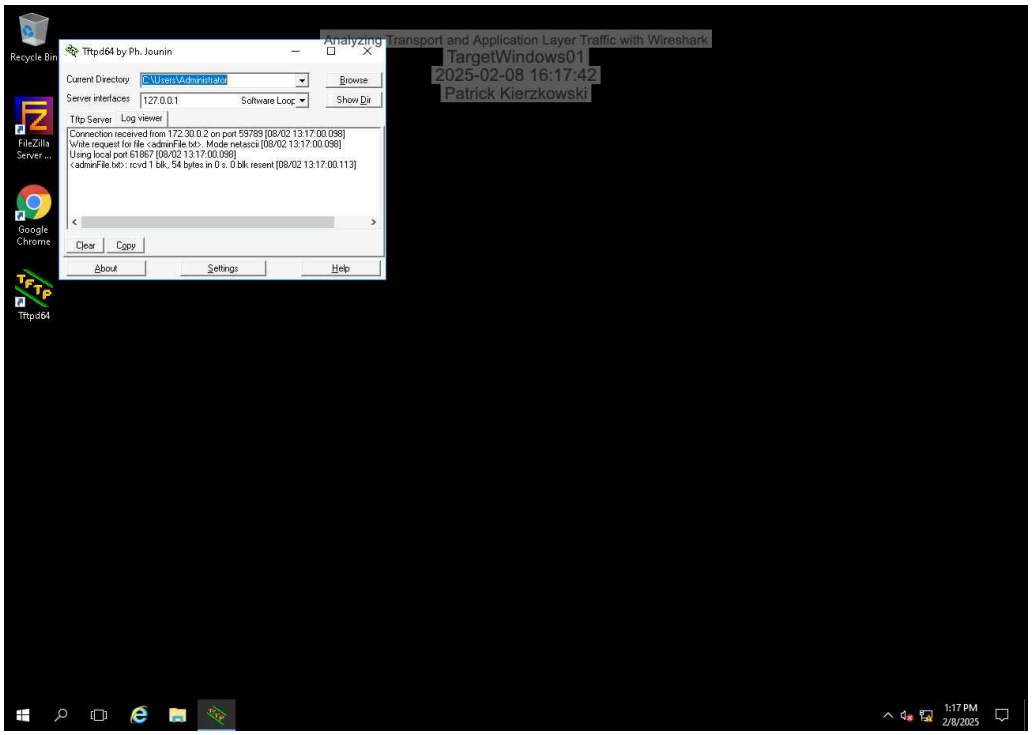
Section 1: Hands-On Demonstration

Part 1: Configure Wireshark and Generate Network Traffic

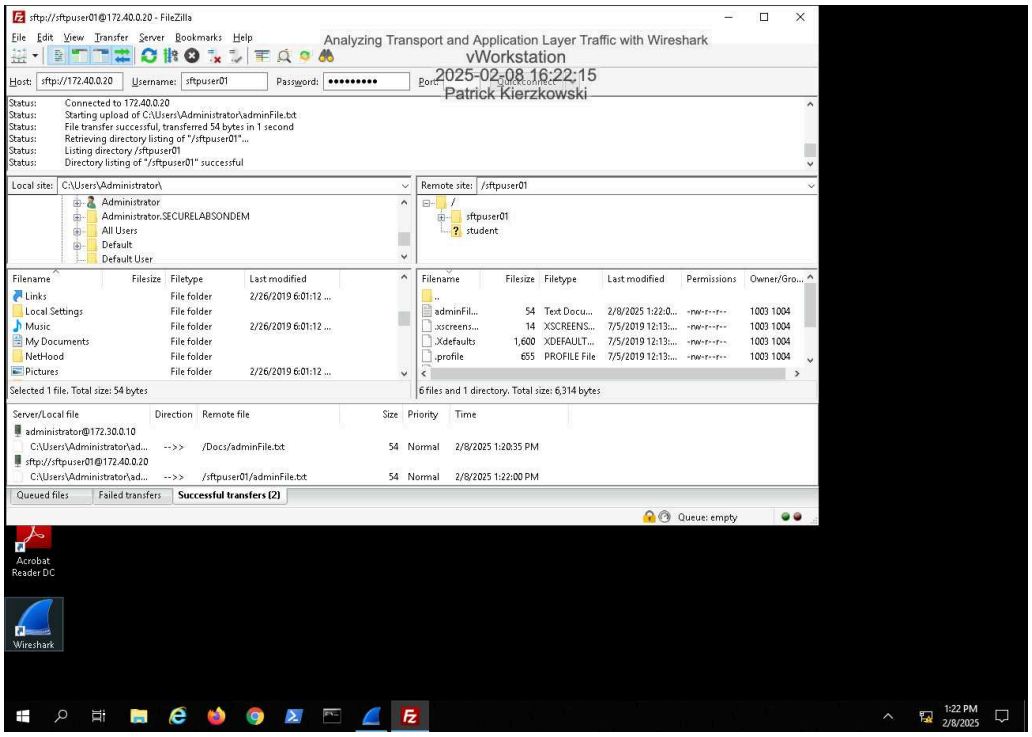
28. **Make a screen capture** showing the **successful tftp file transfer message in the Command Prompt**.



32. **Make a screen capture** showing the **Tftpd64 Server log**.

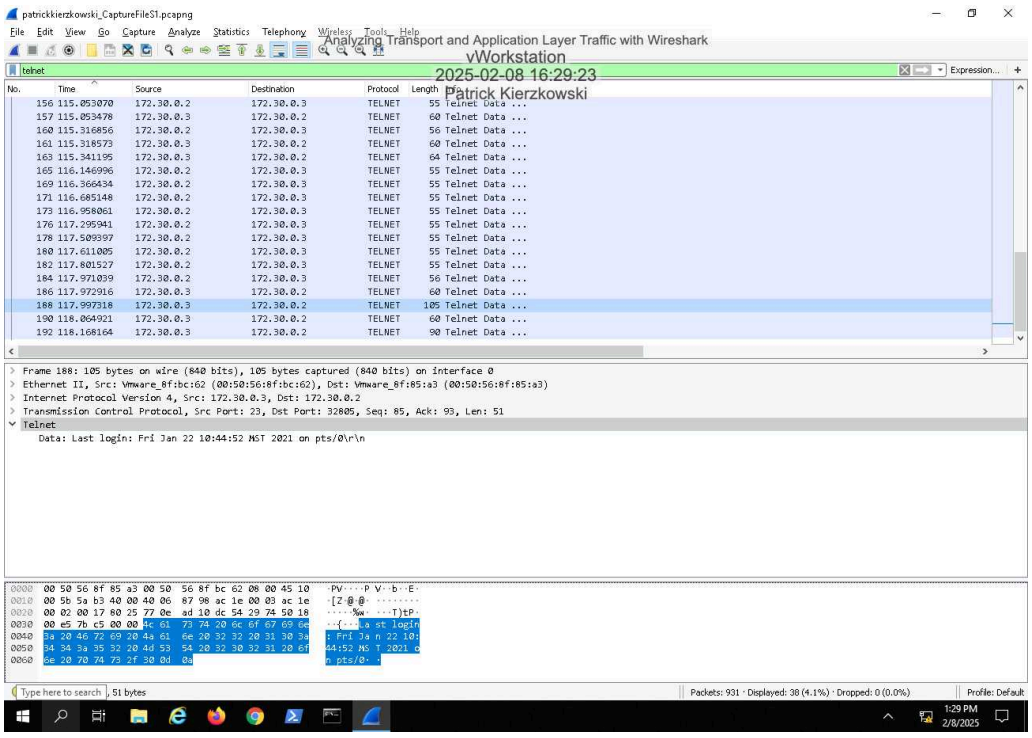


45. **Make a screen capture** showing the **successful SFTP file transfer**.

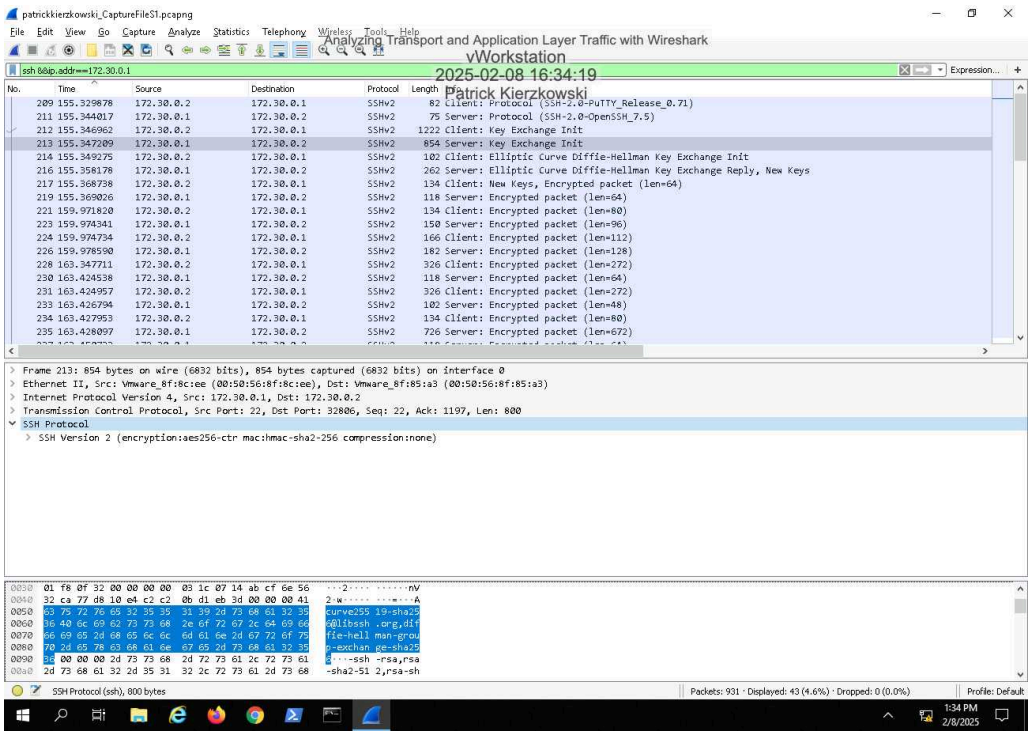


Part 2: Perform Protocol Analysis using Wireshark

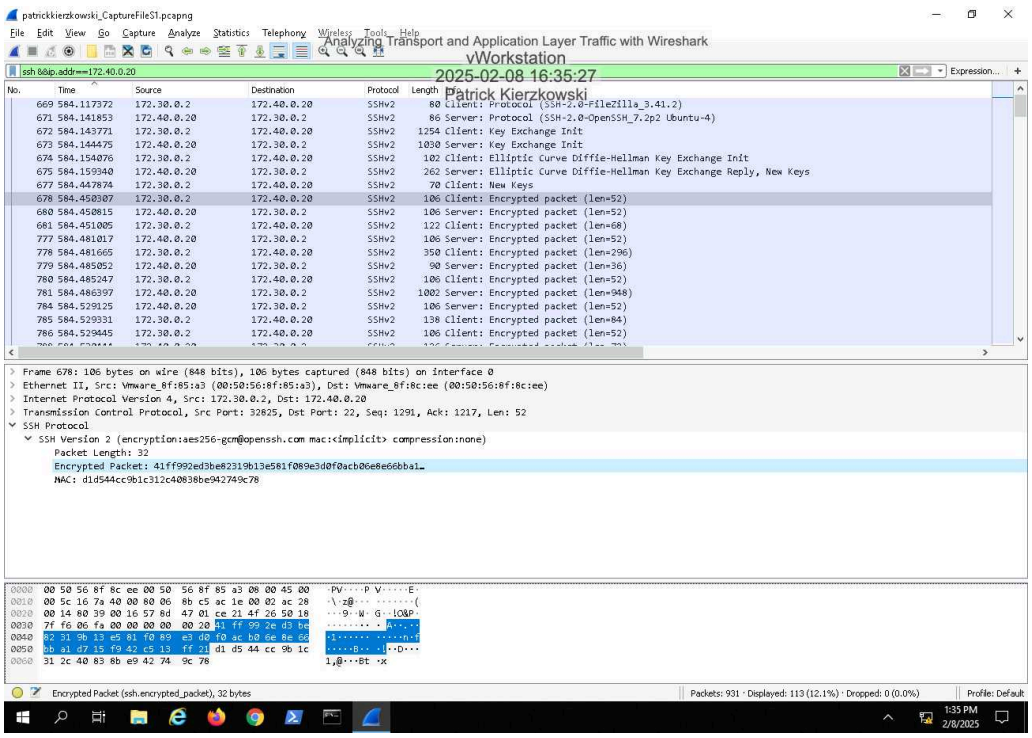
5. **Make a screen capture** showing the ***Last Login:*** **information in the Packet Details pane**.



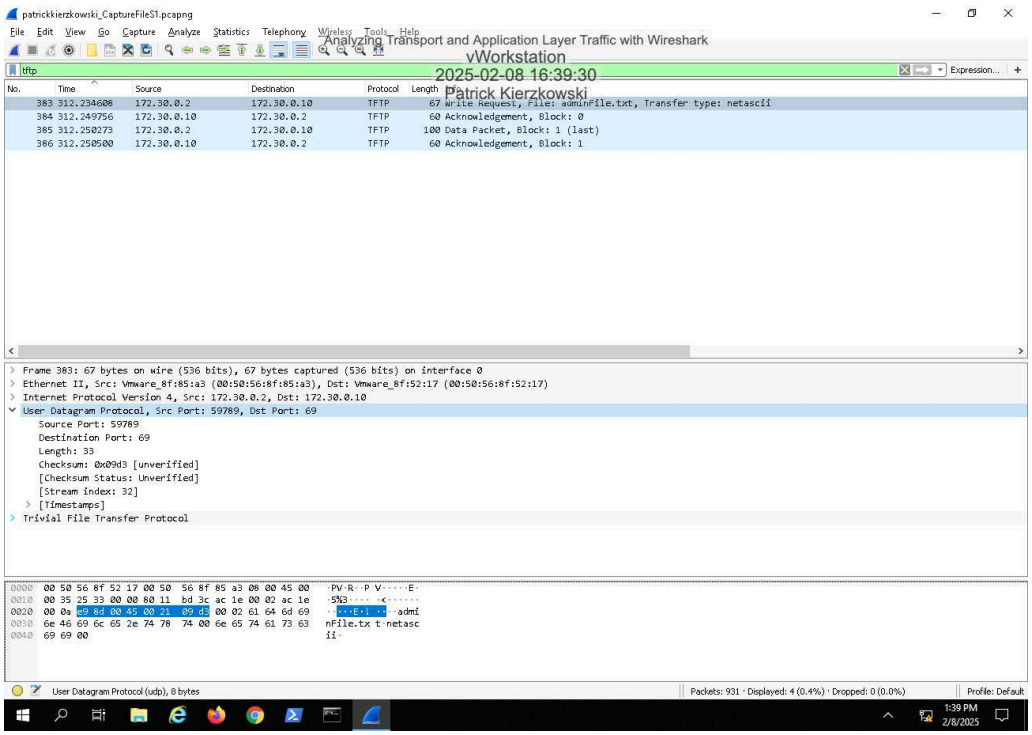
11. **Make a screen capture** showing the **SSHv2 encryption and mac selections for the SSH connection**.



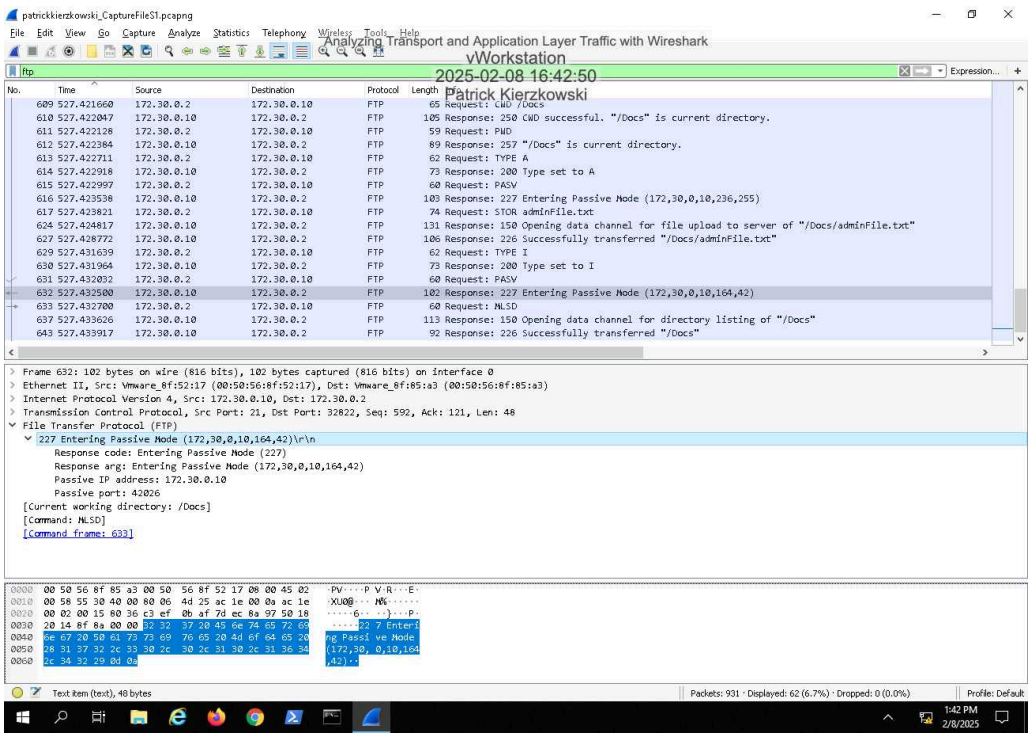
16. **Make a screen capture** showing the **highlighted (encrypted) data in the Packet Bytes pane**.



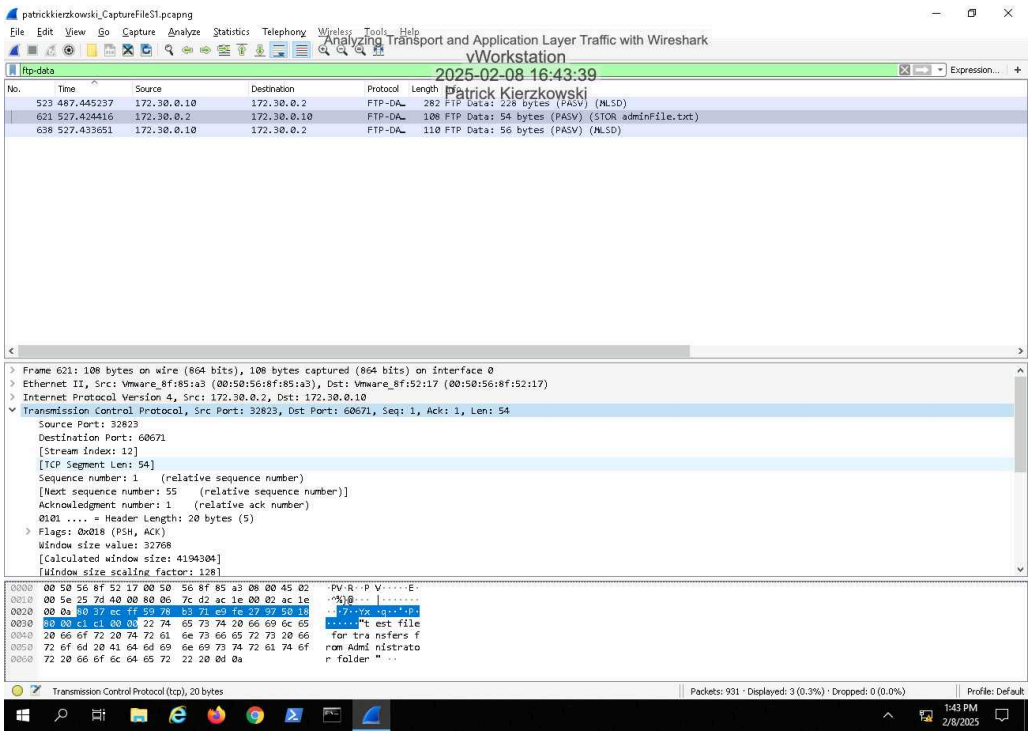
20. **Make a screen capture** showing the **Destination Port used for the initial TFTP transfer request**.



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



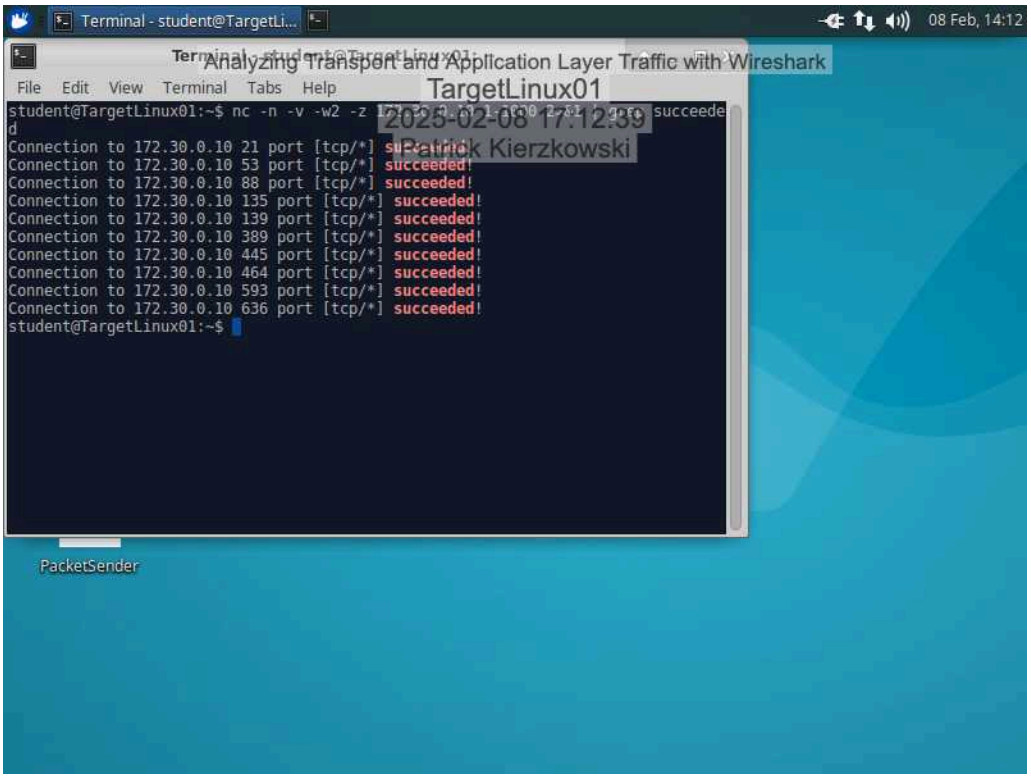
29. **Make a screen capture** showing the **Destination Port field value in the Packet Details pane**.



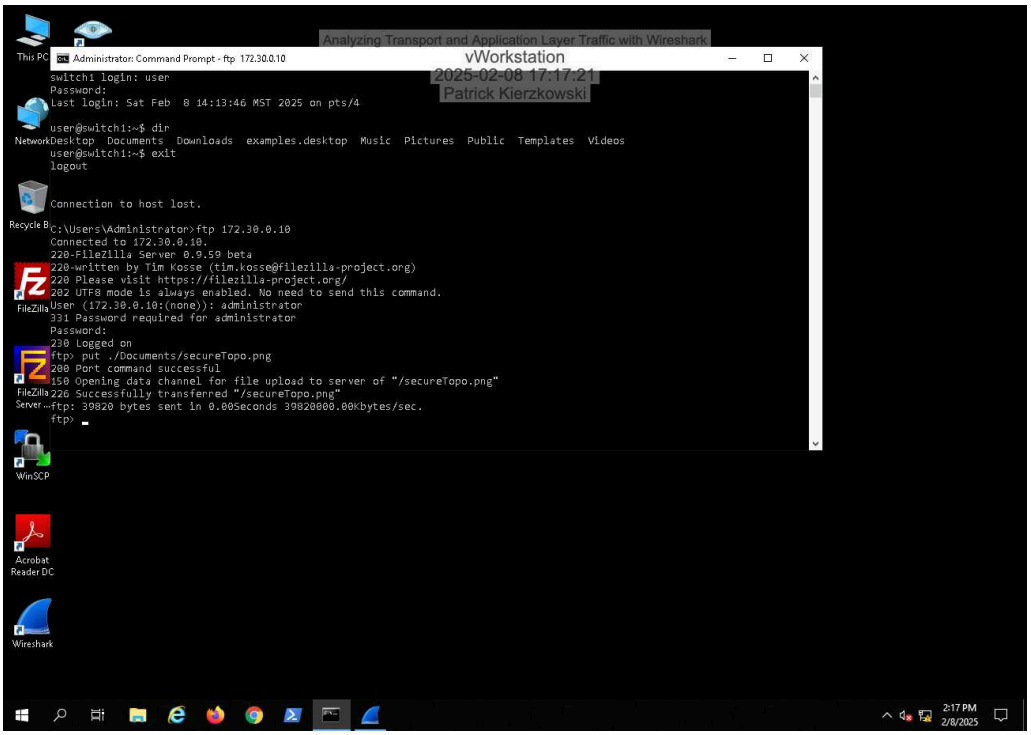
Section 2: Applied Learning

Part 1: Configure Wireshark and Generate Network Traffic

7. **Make a screen capture** showing the **successfully executed netcat command**.

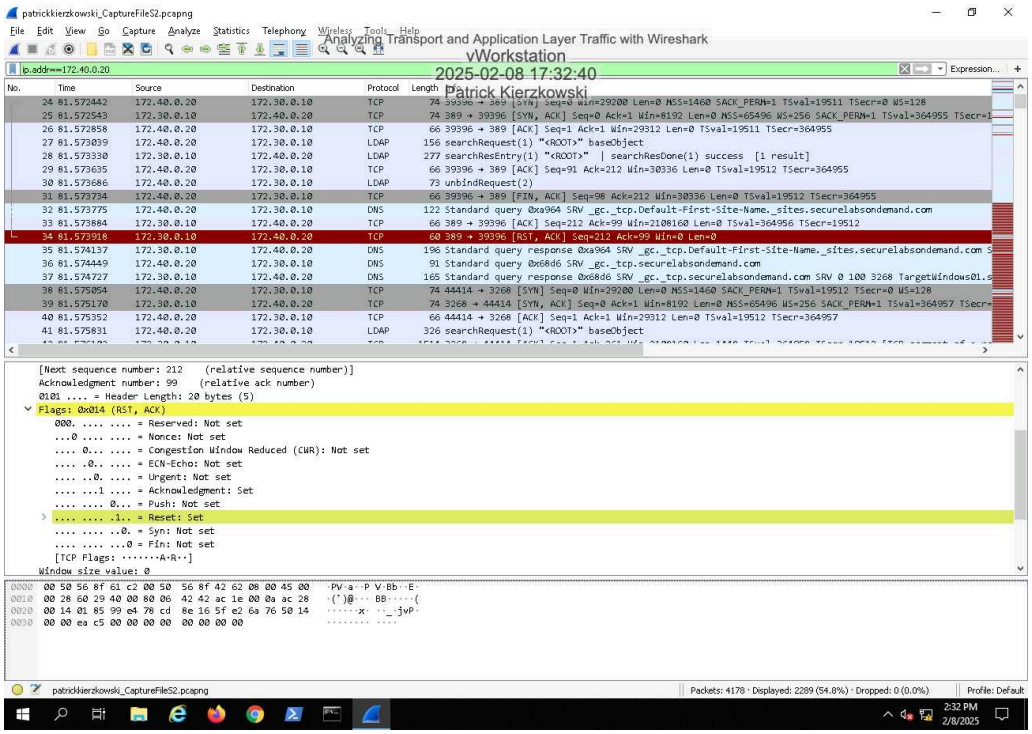


20. **Make a screen capture** showing the **successful transfer in the Command Prompt output**.

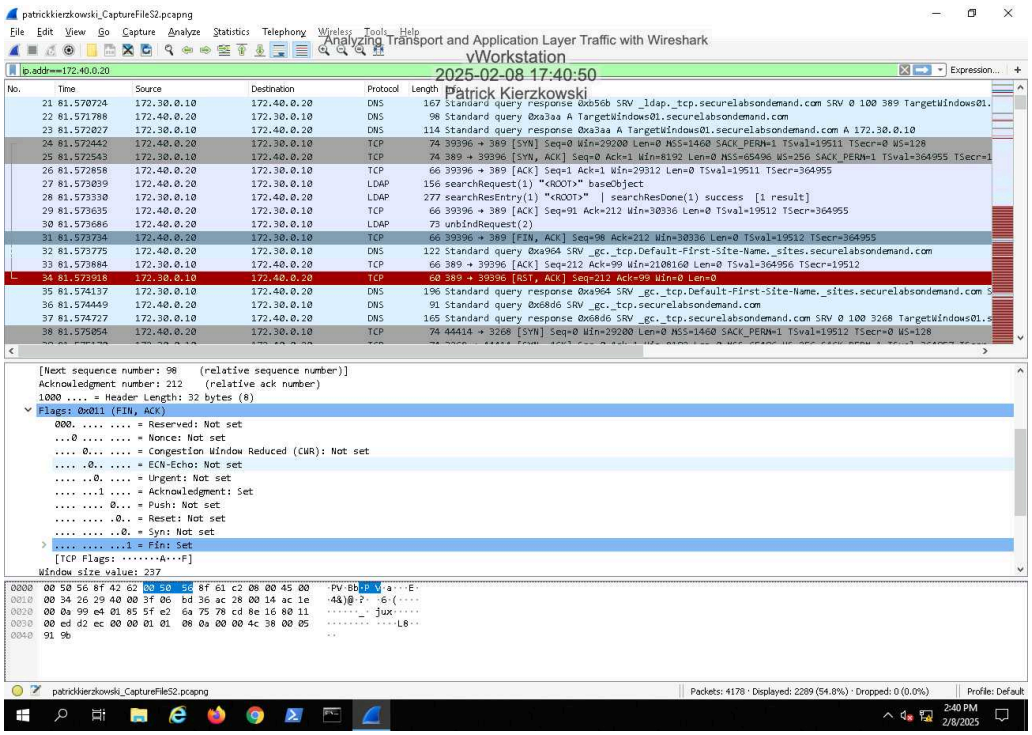


Part 2: Perform Protocol Analysis using Wireshark

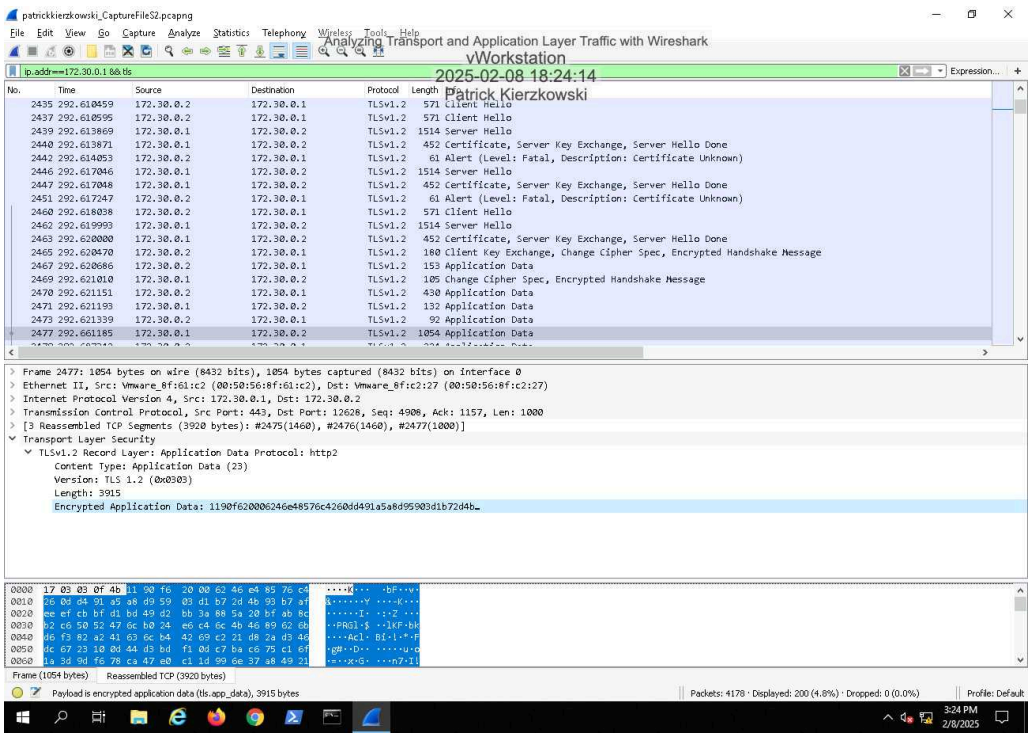
5. **Make a screen capture** showing the **TCP flags set in the Packet Details pane for the first RST packet**.



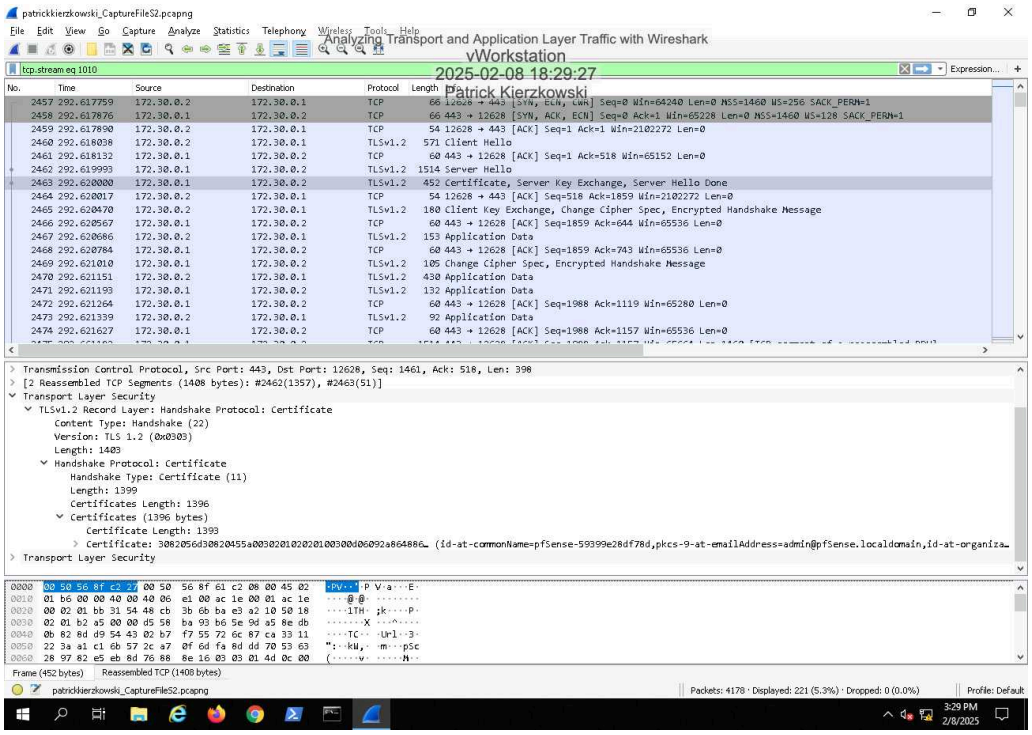
10. **Make a screen capture** showing the **FIN and ACK flags set in the Packet Details View**.



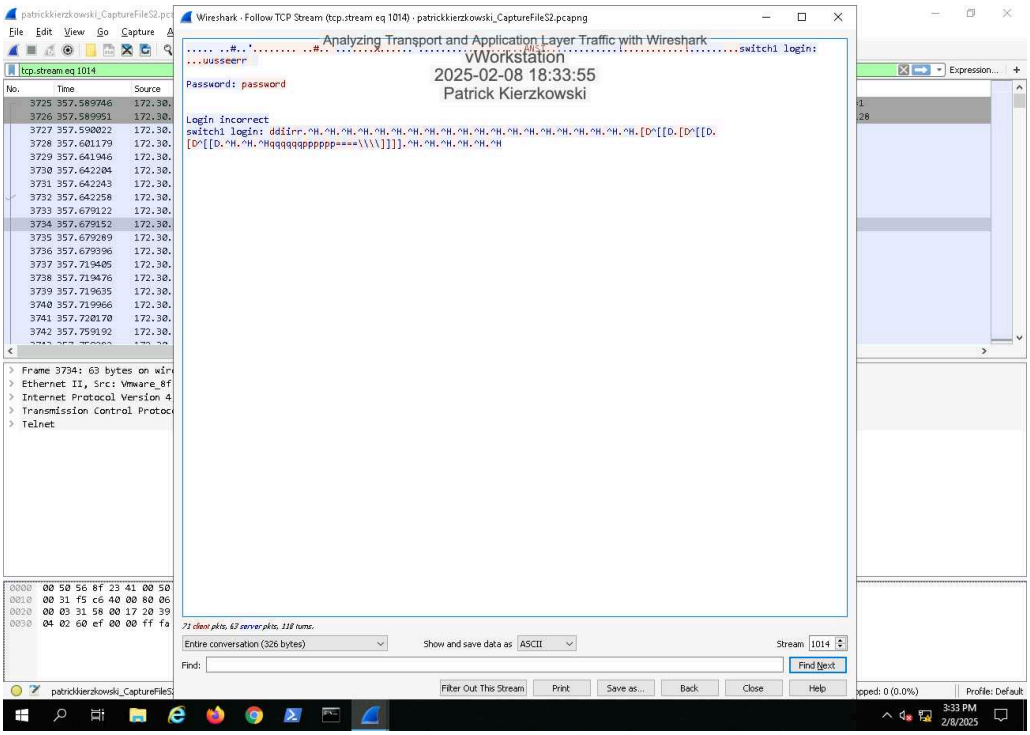
16. **Make a screen capture** showing the **highlighted Encrypted Application Data in the Packet Bytes pane**.



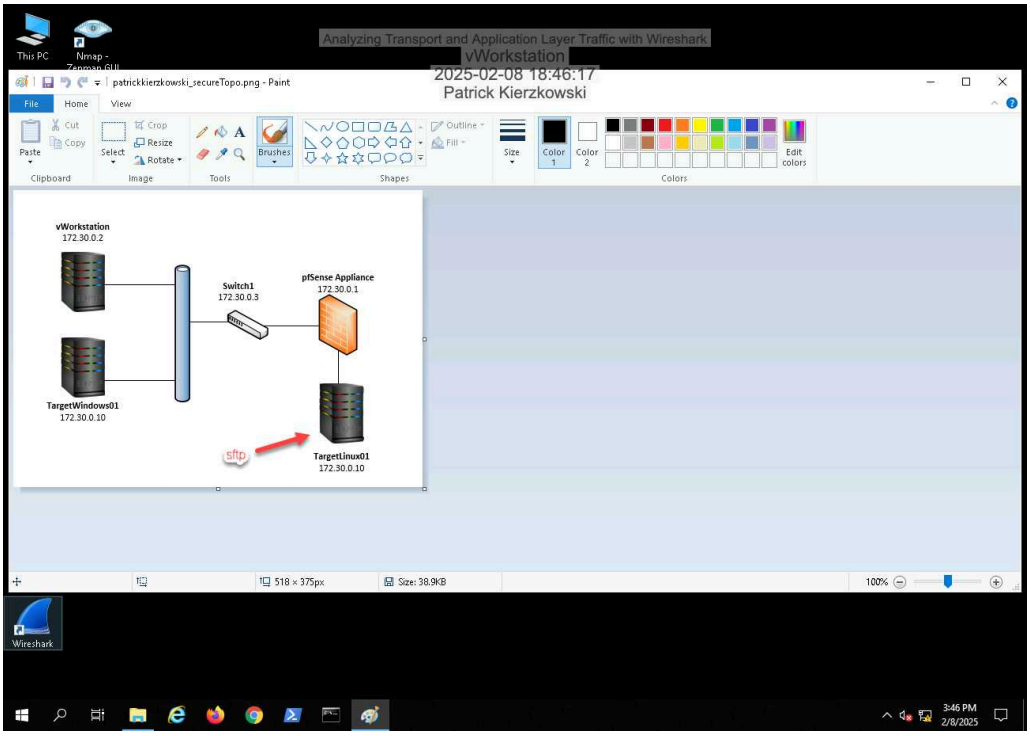
22. **Make a screen capture** showing the **certificate details in the Packet Details pane**.



25. **Make a screen capture** showing the **complete set of data in the TCP Stream window**.



36. **Make a screen capture** showing the **reconstituted PNG file**.



Section 3: Challenge and Analysis

Part 1: Locate a Target RAR File Transfer in a Packet Capture

Record the file signature you used to find the RAR archive.

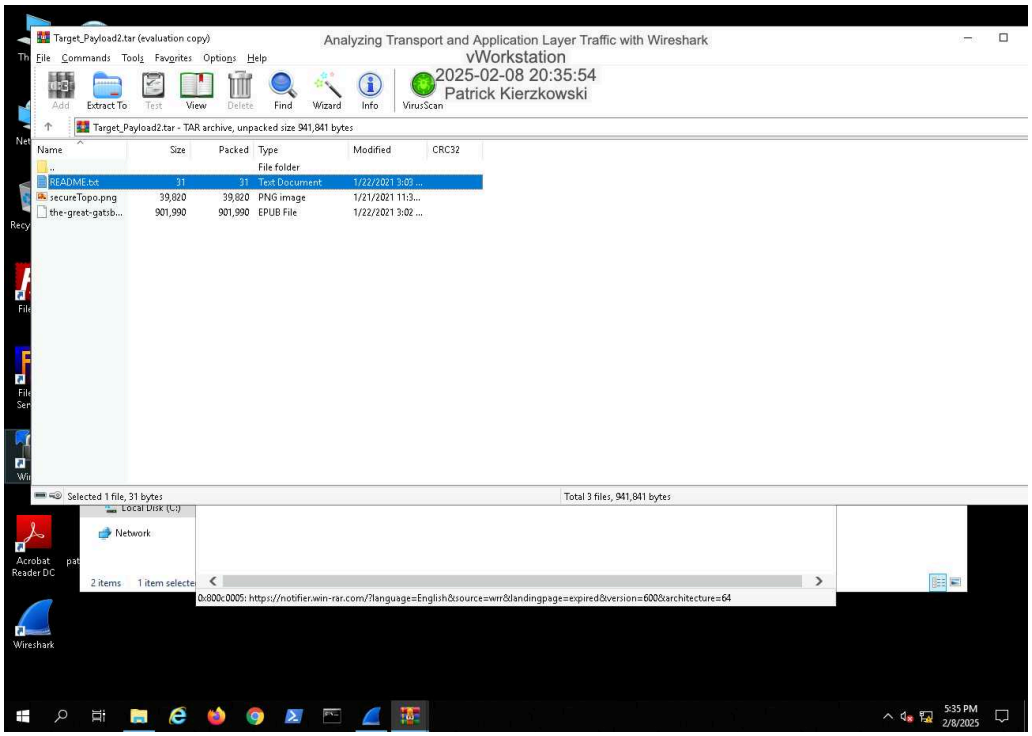
52 61 72 21 1A 07 01 00

Record the name of the correct RAR archive file.

Target_Payload2.rar

Part 2: Reassemble the RAR Archive from its Constituent Bytes

Make a screen capture showing the **contents of the tar file**.



Record the passphrase discovered in the **README.txt file**.

The code is {JBL-80802600-SaaS}