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Time on Task:
0 hours, 24 minutes

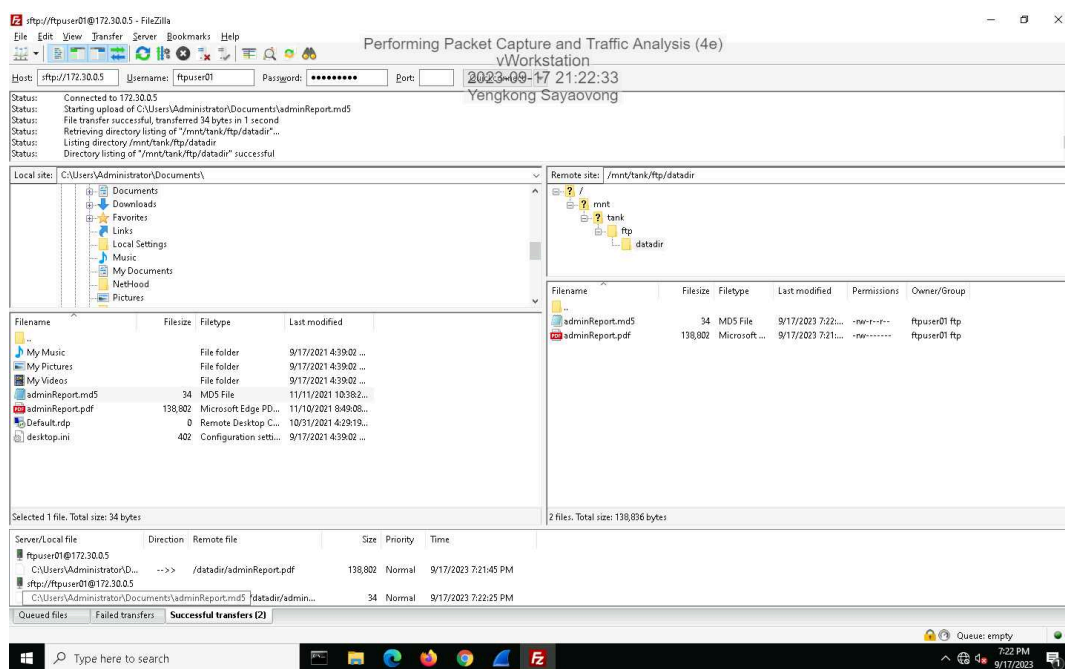
Progress:
41%

Report Generated: Sunday, September 17, 2023 at 10:39 PM

Section 1: Hands-On Demonstration

Part 1: Configure Wireshark and Generate Network Traffic

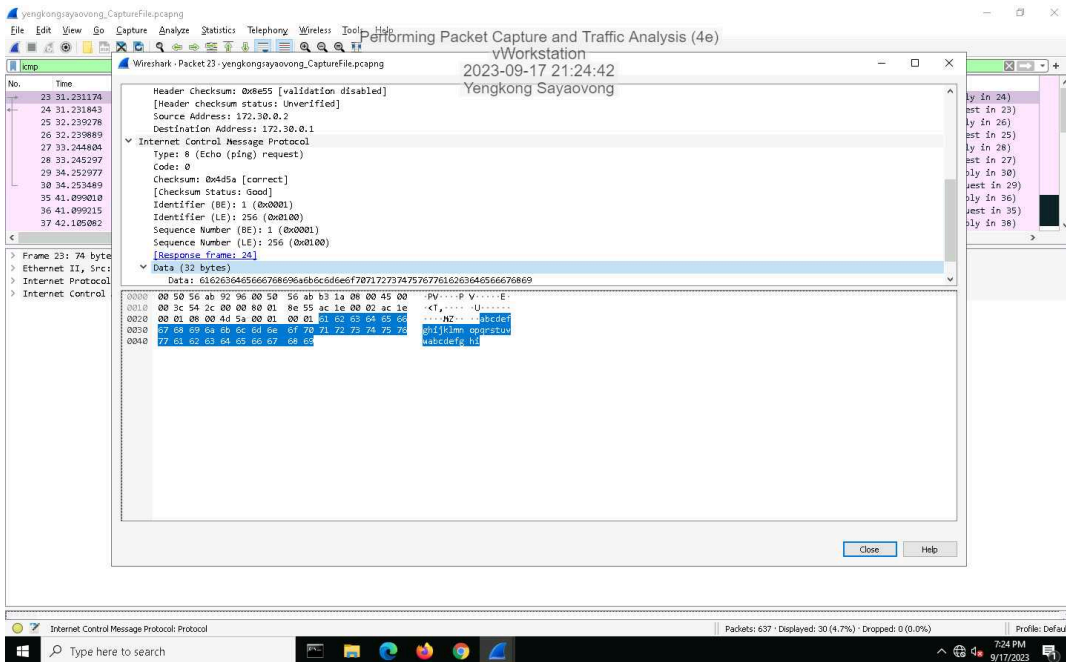
29. Make a screen capture showing the **successful FTP and SFTP file transfers**.



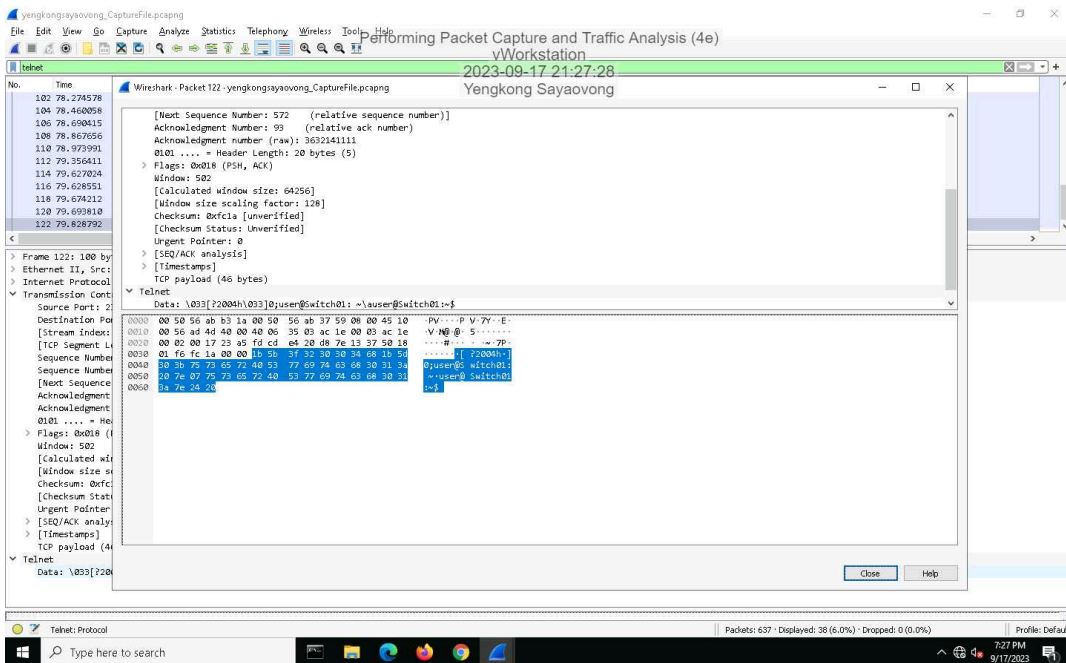
Part 2: Analyze Traffic Using Wireshark

Fundamentals of Information Systems Security, Fourth Edition - Lab 03

7. **Make a screen capture** showing the **ICMP** payload.



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

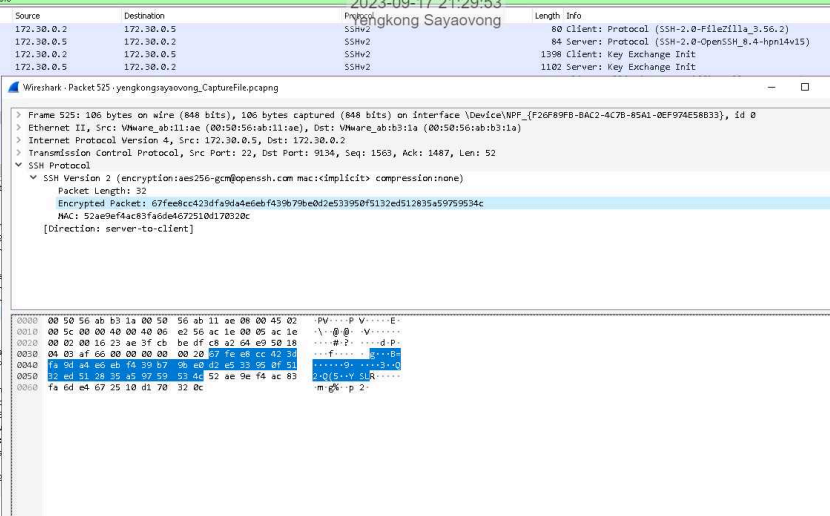


Fundamentals of Information Systems Security, Fourth Edition - Lab 03

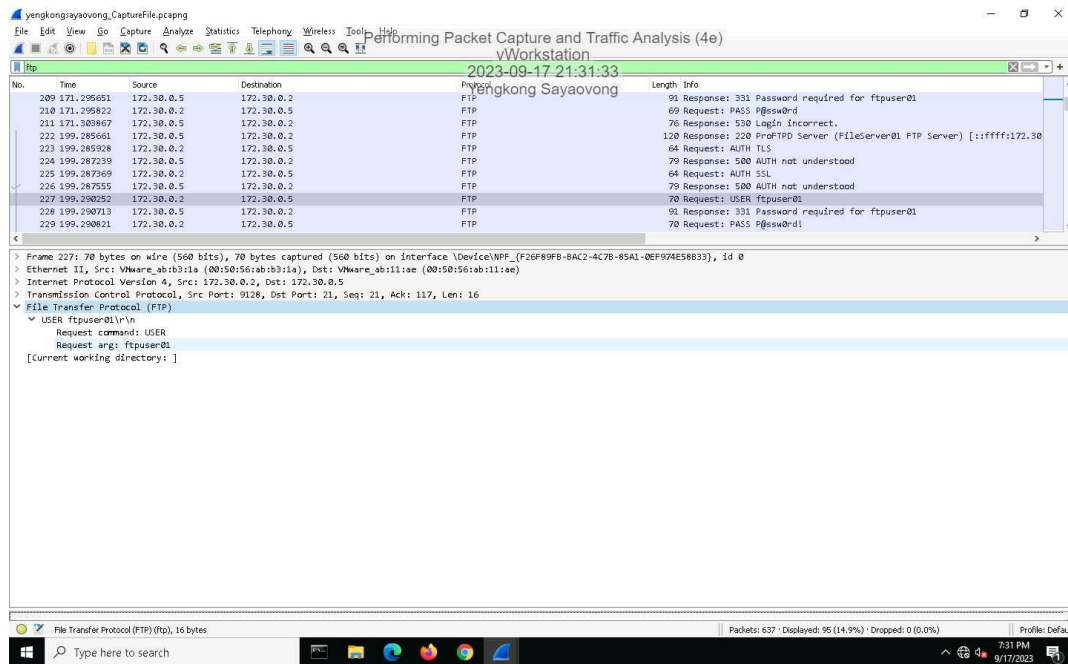
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- The screenshot displays the Wireshark vWorkstation interface. The top menu bar includes File, Edit, View, Go, Capture, Analyze, Statistics, Telephony, Wireless, Tools, and Help. The title bar reads "Performing Packet Capture and Traffic Analysis (4e) vWorkstation". The main window shows a packet capture of an SSH session. The packet list on the left shows packets 132 through 147. Packet 132 is selected, showing details for Ethernet II, Internet Protocol Version 4, Transmission Control Protocol, and SSH Protocol. The packet bytes pane at the bottom shows the raw data in hexadecimal and ASCII.
- Packet List:
- | No. | Time | Source | Destination | Protocol | Length | Info |
|-----|------------|------------|-------------|----------|--------|---|
| 132 | 124.745527 | 172.30.0.1 | 172.30.0.1 | SSHv2 | 82 | Client: Protocol (SSH-2.0-PuTTY_Release_0.76) |
| 134 | 124.754818 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 136 | 124.759298 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 137 | 124.761504 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 139 | 124.765907 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 140 | 124.770442 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 142 | 124.776797 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 144 | 128.258417 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 146 | 128.268679 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
| 147 | 128.269106 | 172.30.0.1 | 172.30.0.2 | SSHv2 | 75 | Server: Protocol (SSH-2.0-OpenSSH_7.9) |
- Packet Details (Packet 132):
- Frame 132: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface \Device\NPF>{F26F89FB-8AC2-4C7B-85A1-0EF974E58B33}, Id 0
 - Ethernet II, Src: VMware_ab3b31a (00:50:56:ab:3b31a), Dst: VMware_ab92196 (00:50:56:ab:92196)
 - Internet Protocol Version 4, Src: 172.30.0.2, Dst: 172.30.0.1
 - Transmission Control Protocol, Src Port: 9126, Dst Port: 22, Seq: 1, Ack: 1, Len: 28
 - Source Port: 9126
 - Destination Port: 22
 - Stream Index: 1
 - [TCP Segment Len: 28]
 - Sequence Number: 1 (relative sequence number)
 - Sequence Number (raw): 2227083657
 - Next Sequence Number: 29 (relative sequence number)
 - Acknowledgment Number: 1 (relative seq number)
 - Acknowledgment number (raw): 2341534562
 - 0101 = Header Length: 20 bytes (5)
 - Flags: 0x018 (PSH, ACK)
 - Window: 1026
 - [SSH Protocol]
- Packet Bytes:
- ```

0000 00 50 56 ab 92 19 60 50 56 ab b3 1a 08 00 45 02 PV ...P V...E...
0010 00 44 54 32 40 00 80 86 4e 40 ac 16 00 02 ac 1e 0128 ...H...
0020 00 01 23 a6 00 16 85 57 30 09 8b 50 fb 76 50 18 -#...U...VP...
0030 04 02 fd 39 00 00 53 93 48 2d 32 2e 30 2d 50 75 -9-55 H-2.0-Pu
0040 54 59 5f 52 65 6c 65 61 63 75 5f 50 2e 57 36 TTY_Reli_ase_0_76
0050 00 0a

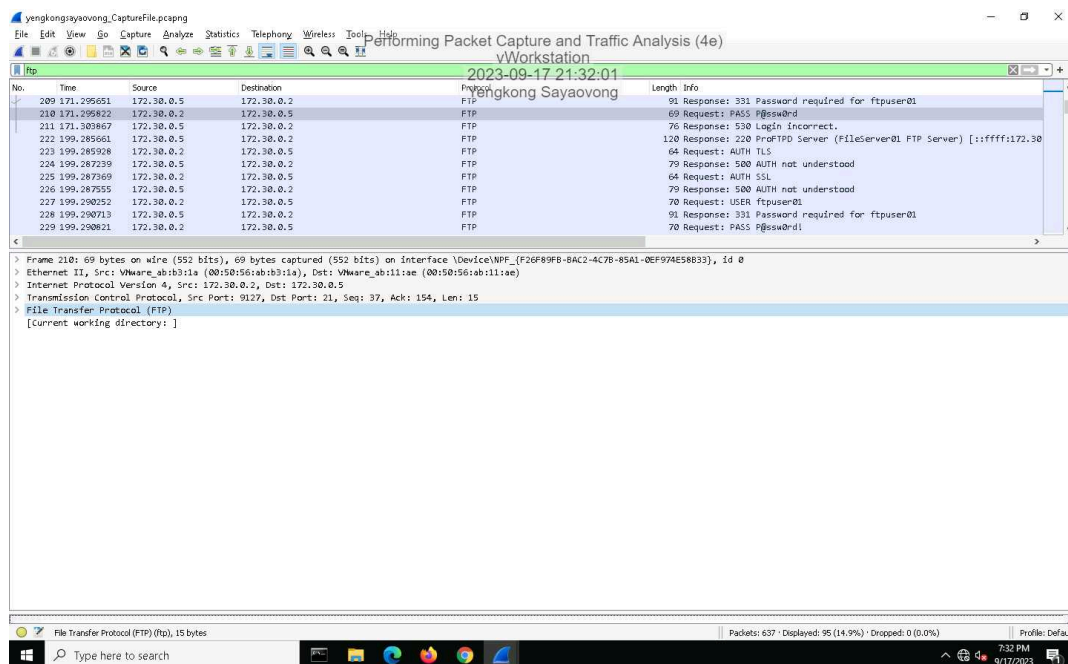
```

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



35. 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

11. **Make screen capture** showing **sta1-wlan0** connected to the **SecureLabs-WiFi** network.

Incomplete

18. **Make a screen capture** showing the **updated security mode** on the **Status** page.

Incomplete

24. **Make a screen capture** showing the **connection to the now-encrypted WLAN**.

Incomplete

### Part 2: Analyze Traffic Using Wireshark

5. **Make a screen capture** showing the **SSID and channel** in the **Packet Details** pane.

Incomplete

11. **Make a screen capture** showing the **Packet Details for the ICMP** packet.

Incomplete

14. **Make a screen capture** showing the **Packet Details for the HTTP** packet.

Incomplete

18. **Make a screen capture** showing the **key information for Message 3** in the four-way handshake.

Incomplete

### Section 3: Challenge and Analysis

#### Part 1: Generate Malicious Network Traffic

Make a screen capture showing the **aireplay-ng --deauth** output.

Incomplete

#### Part 2: Analyze Malicious Network Traffic

Make a screen capture showing **one of the deauth packets** that you generated between the BSSID and your selected station.

Incomplete

Make a screen capture showing the **packets related to the four-way handshake**.

Incomplete