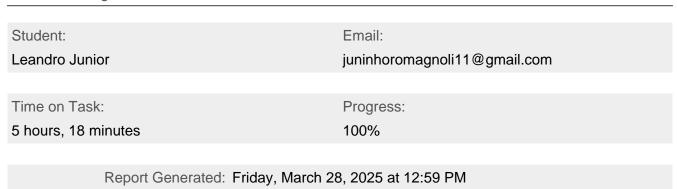
Exploiting Wireless Vulnerabilities (4e)

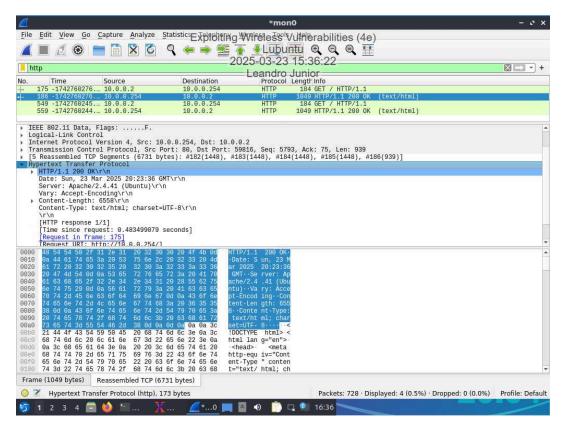
Ethical Hacking, Fourth Edition - Lab 07



Section 1: Hands-On Demonstration

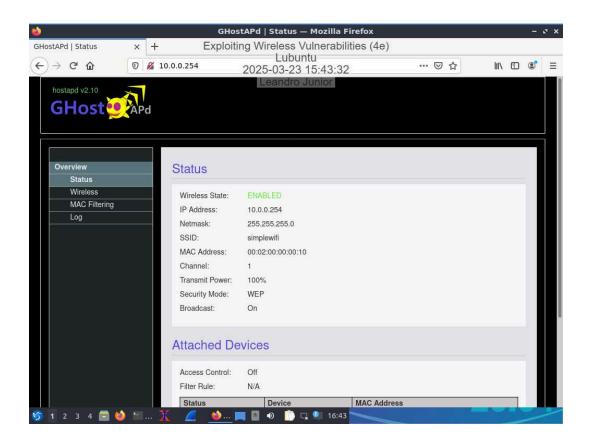
Part 1: Capture Unencrypted Traffic with Wireshark

16. Make a screen capture showing the HTTP headers in the Packet Bytes pane.

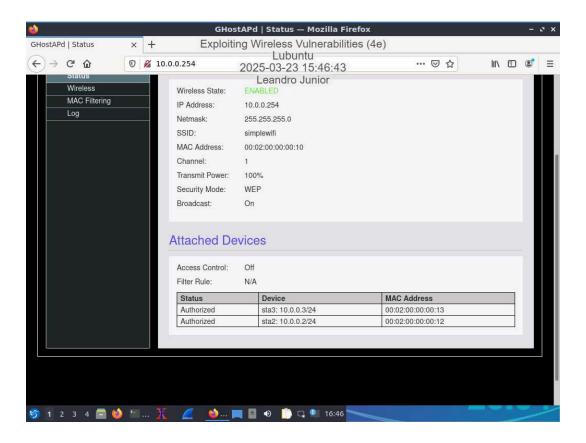


Part 2: Encrypt Wireless Traffic with WEP

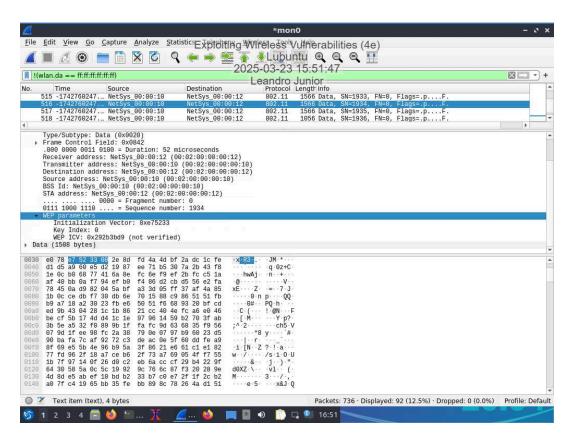
7. Make a screen capture showing WEP mode enabled on the GHostAPd Status page.



14. Make a screen capture showing WEP mode enabled and both sta2 and sta3 devices attached on the GHostAPd Status page.

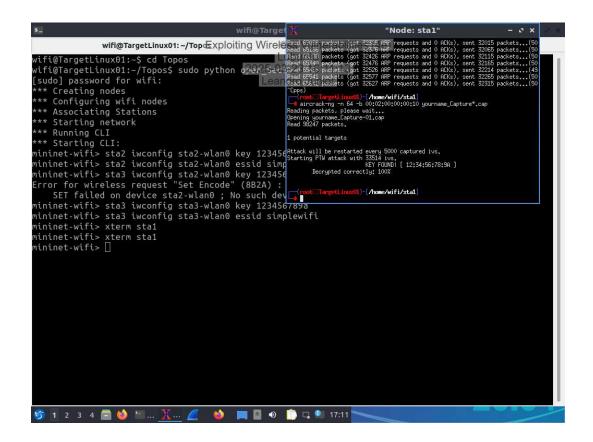


24. Make a screen capture showing the Initialization Vector value in the Packet Details pane.

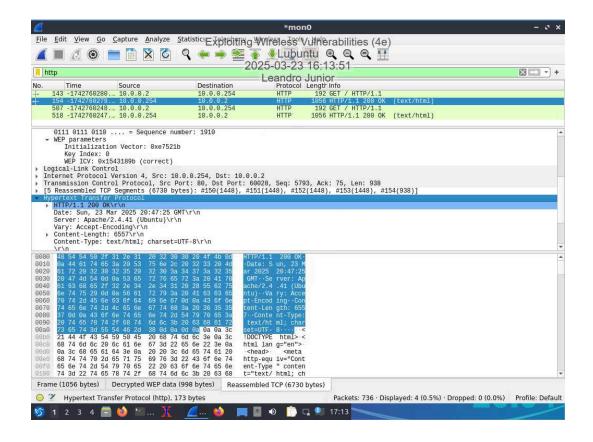


Part 3: Break WEP Encryption

14. Make a screen capture showing KEY FOUND in your aircrack-ng output.



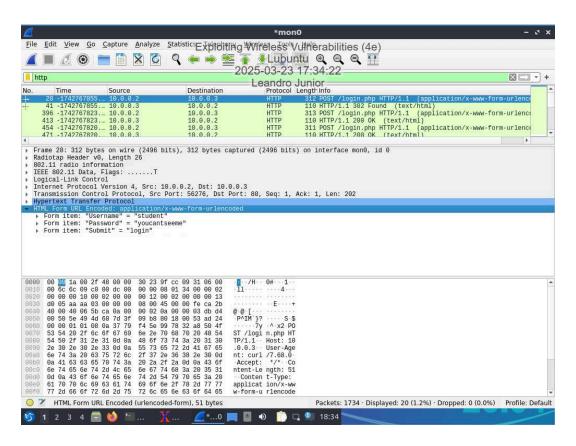
27. Make a screen capture showing the decrypted Hypertext Transfer Protocol data.



Section 2: Applied Learning

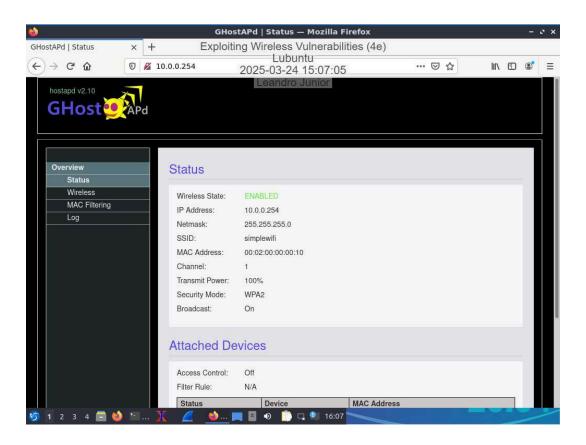
Part 1: Capture Unencrypted Traffic with Wireshark

15. Make a screen capture showing the "Username" and "Password" form items in the Packet Details pane.

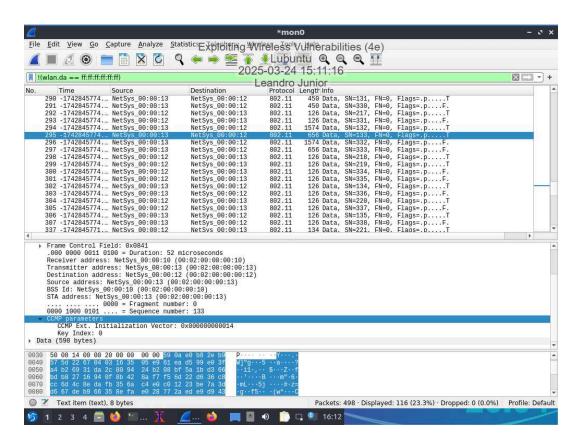


Part 2: Encrypt Wireless Traffic with WPA2

6. Make a screen capture showing the GHostAPd Status page with WPA2 enabled as the Security Mode.

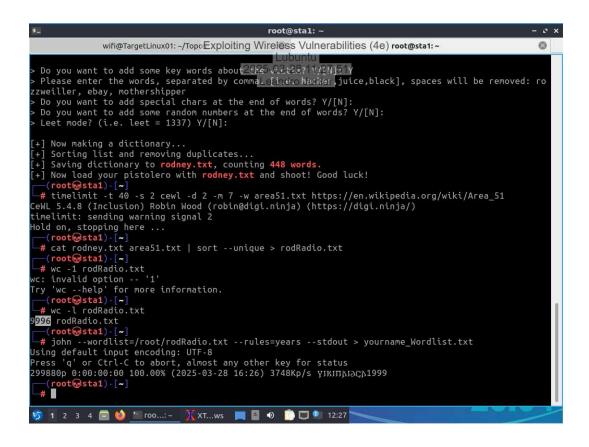


21. Make a screen capture showing the CCMP Ext. Initialization Vector in the Packet Details pane.

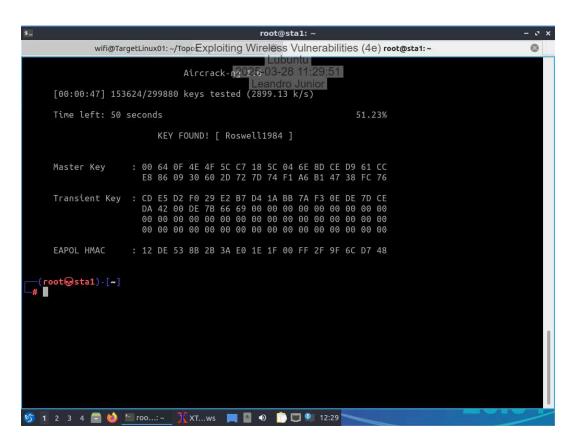


Part 3: Break WPA2 Encryption

21. Make a screen capture showing the length of your new yourname_Capture.txt wordlist in the JtR output.



23. Make a screen capture showing the discovered passphrase in your aircrack output.



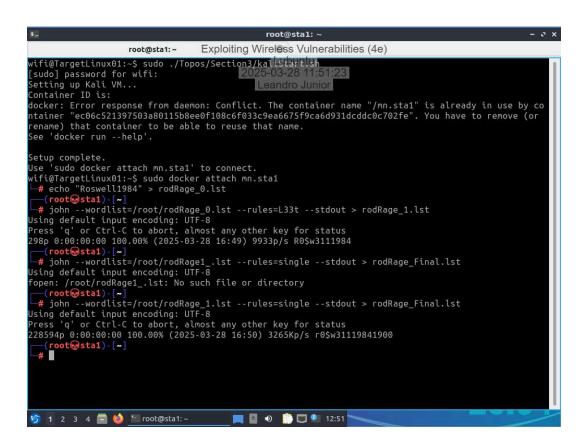
32. Record the password discovered for the FTP user in your Wireshark packet capture.

51sheeple

Section 3: Challenge and Analysis

Part 1: Mangle a Wordlist with John the Ripper

Make a screen capture showing the output from your john command used to generate rodRage Final.lst.



Part 2: Perform a Dictionary Attack using a WPA2 Network Capture

Make a screen capture showing the recovered WPA2 passphrase in your aircrack-ng output.

