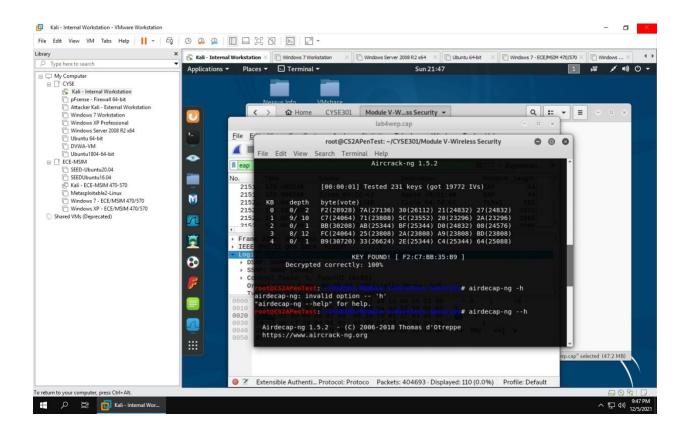
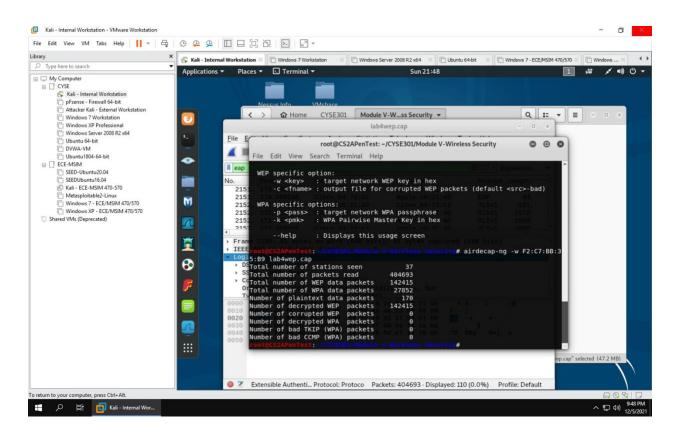
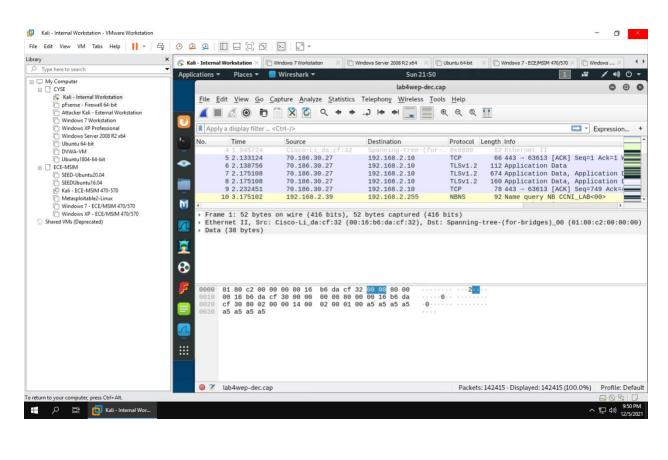
## OLD DOMINION UNIVERSITY CYSE 301 CYBERSECURITY TECHNIQUES AND OPERATIONS

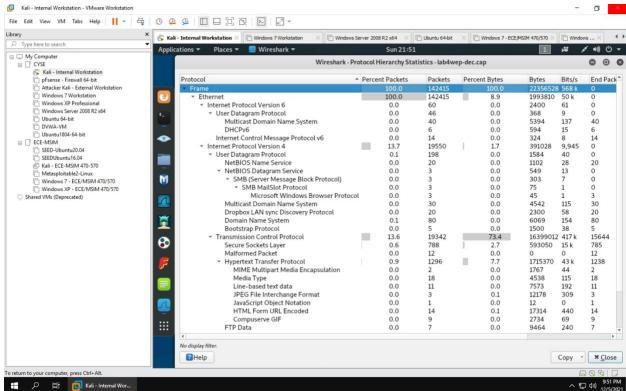
## Assignment #5 Wi-Fi Security

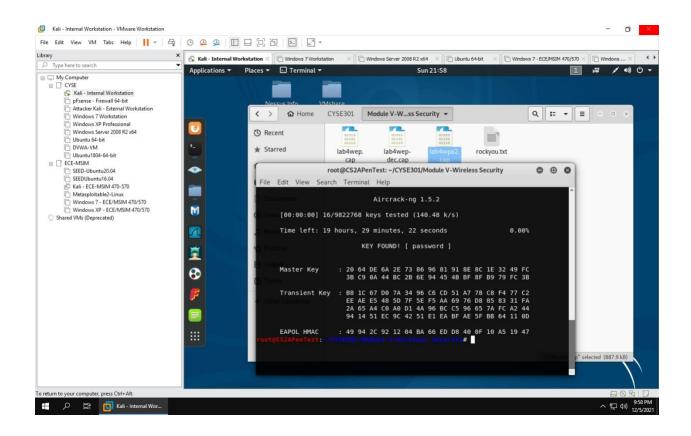
Timothy Attah 01140288

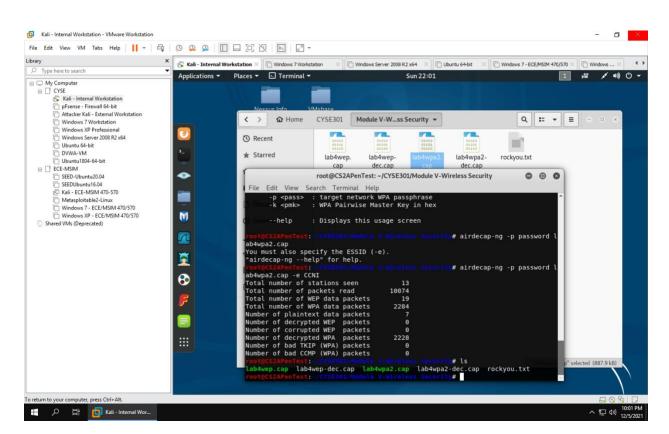


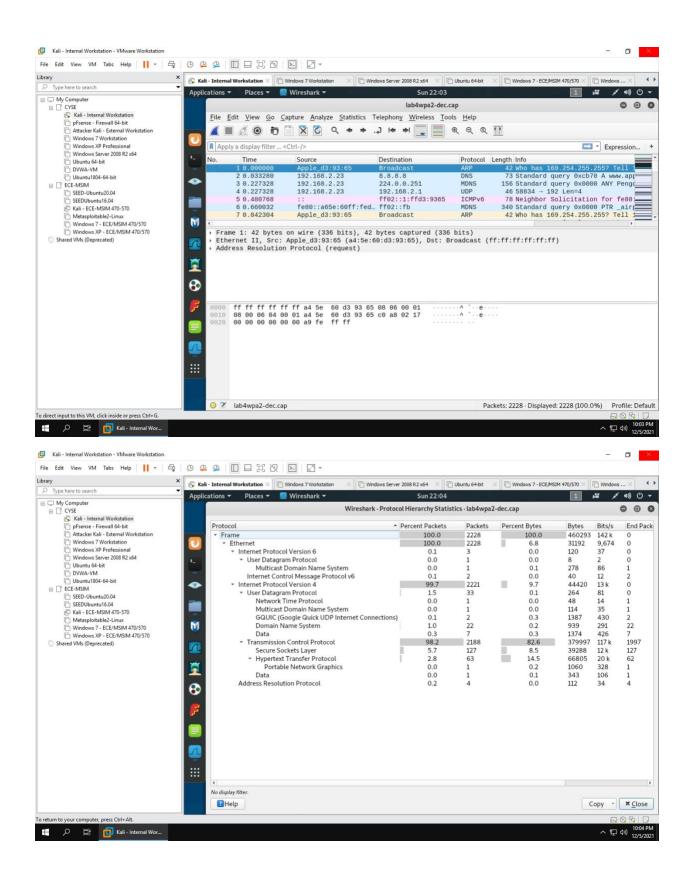


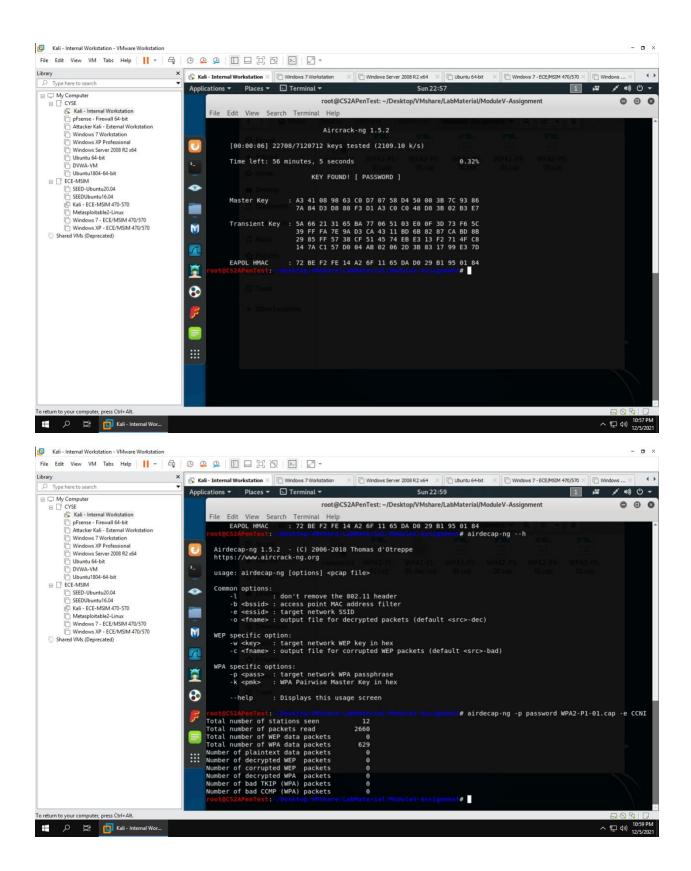


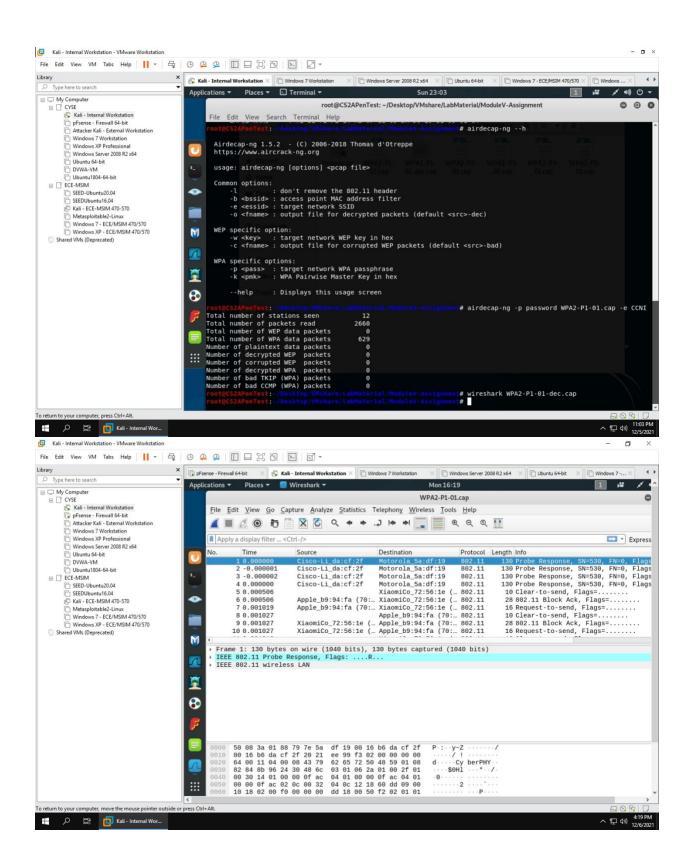


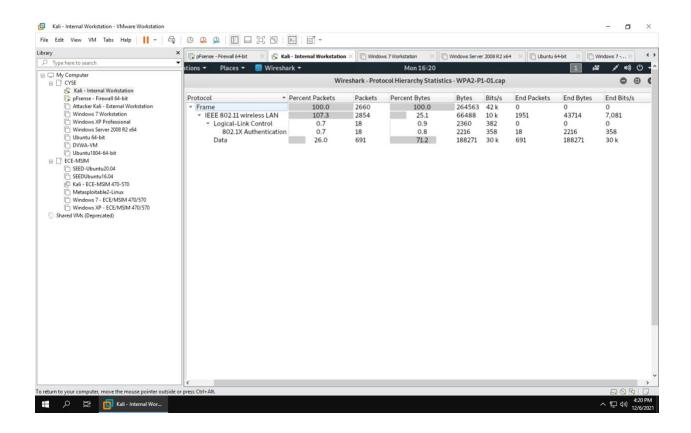












## **Description**

- I decrypted the lab4wep.cap file and found the key. After that I ran a traffic analysis both in the terminal and on Wireshark. I repeated this process again with the lab4wpa2.cap file.
- I downloaded the drop link box and since Tatta (My ODU name) ends with the MD5 hash of 0, I got the WPA2-P1-01.cap. After I downloaded it in the Windows 10 lab and shared it into the VM files. I was able to access in Kali then decrypt it. "Password," ended being the key from the dictionary attack. After I decrypted, I found that there were 2660 packets read, 629 of it are WPA data packets. The protocol types are IEEE 802.11 wireless LAN (107.3% Packets 25.1 % Bytes). Logical Link Control (0.7% Packets and 0.9% Bytes). Then Data (26% Packets and 71.2% Bytes).