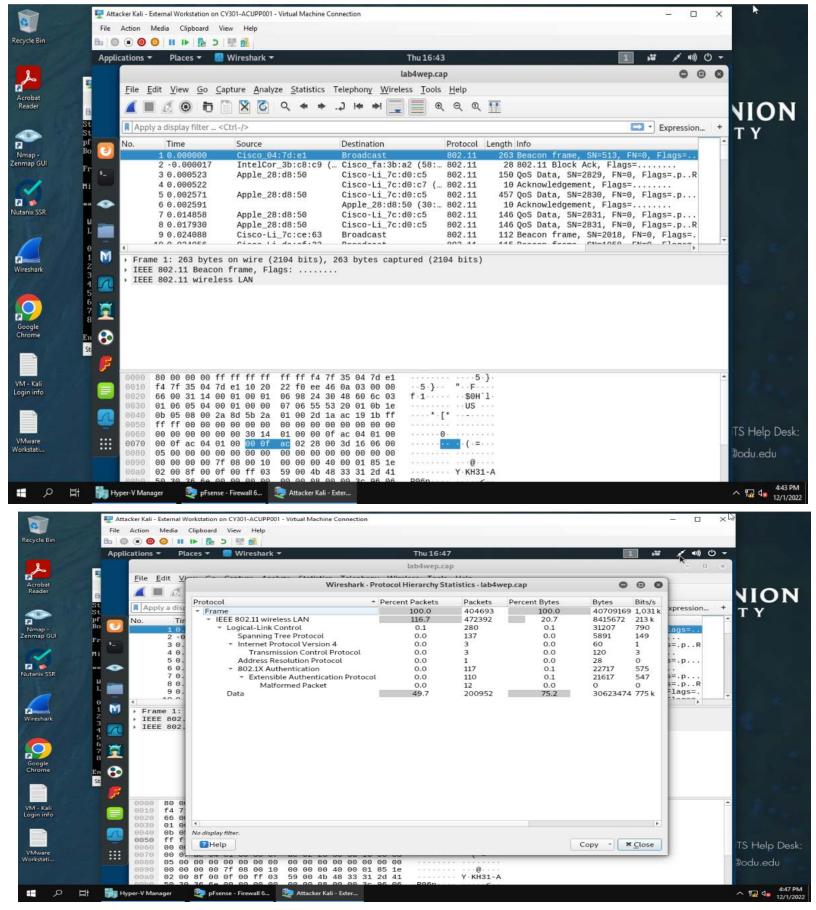
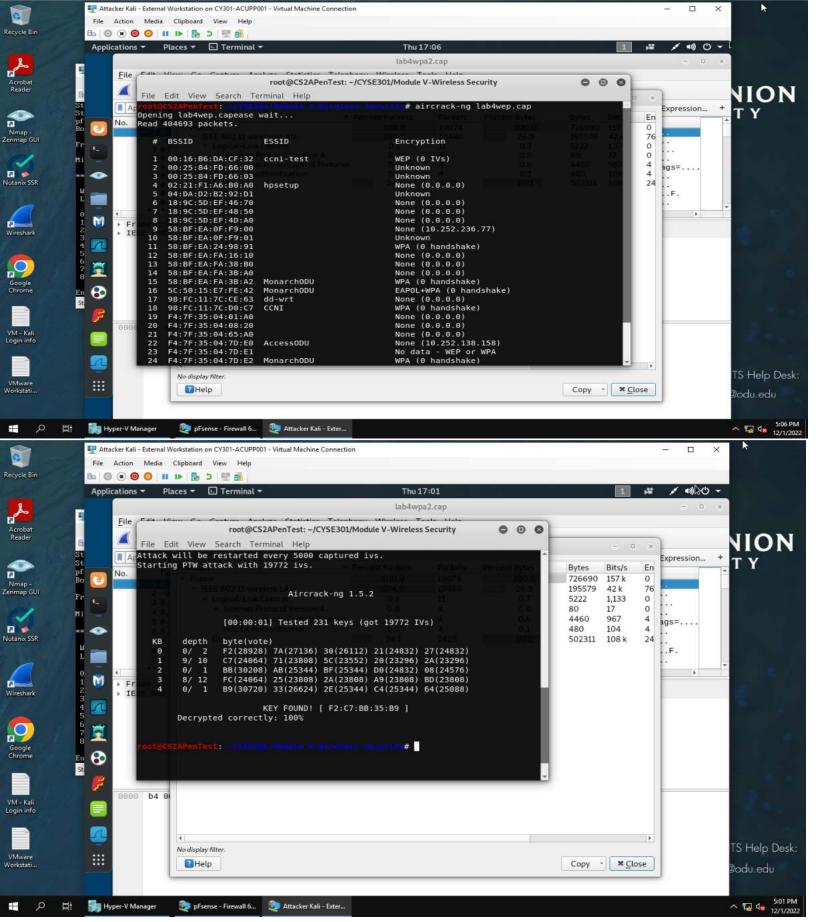
## **OLD DOMINION**

## CYSE301 CYBERSECURITY TECHNIQUES AND OPERATIONS Assignment #6 – Wifi password cracking

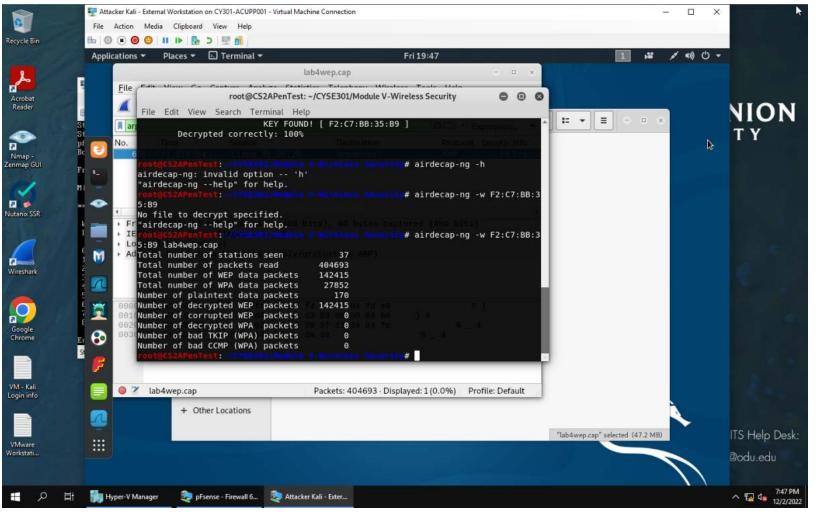
AUSTIN CUPP 01183567



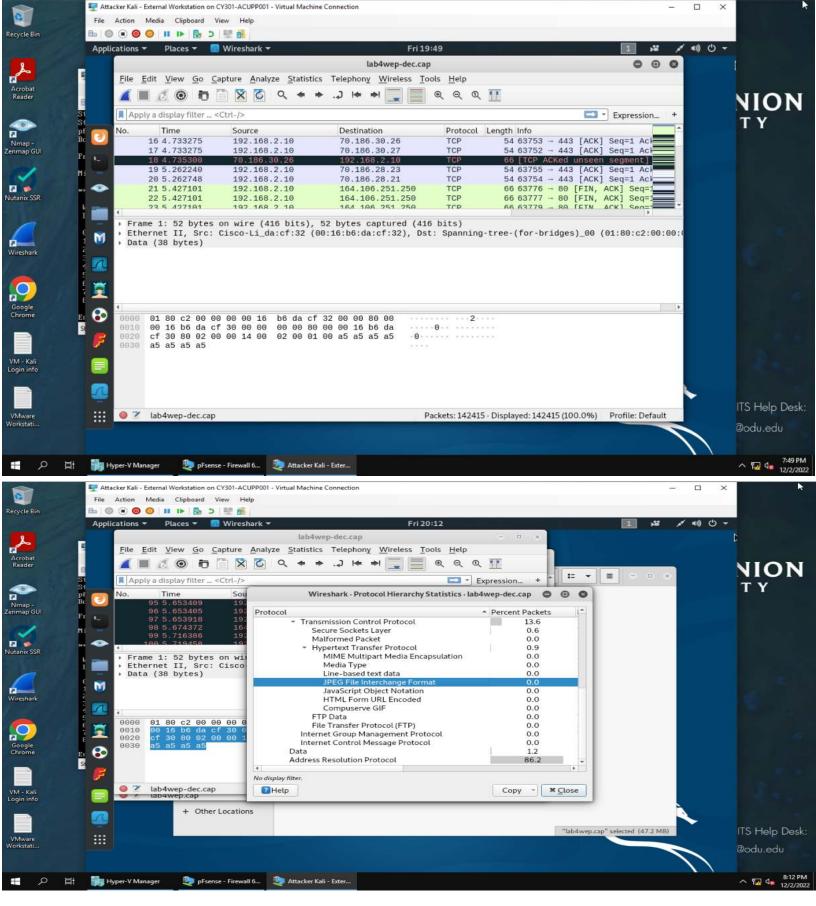
A1. Traffic and heirarchy of lab4wep.cap before decryption



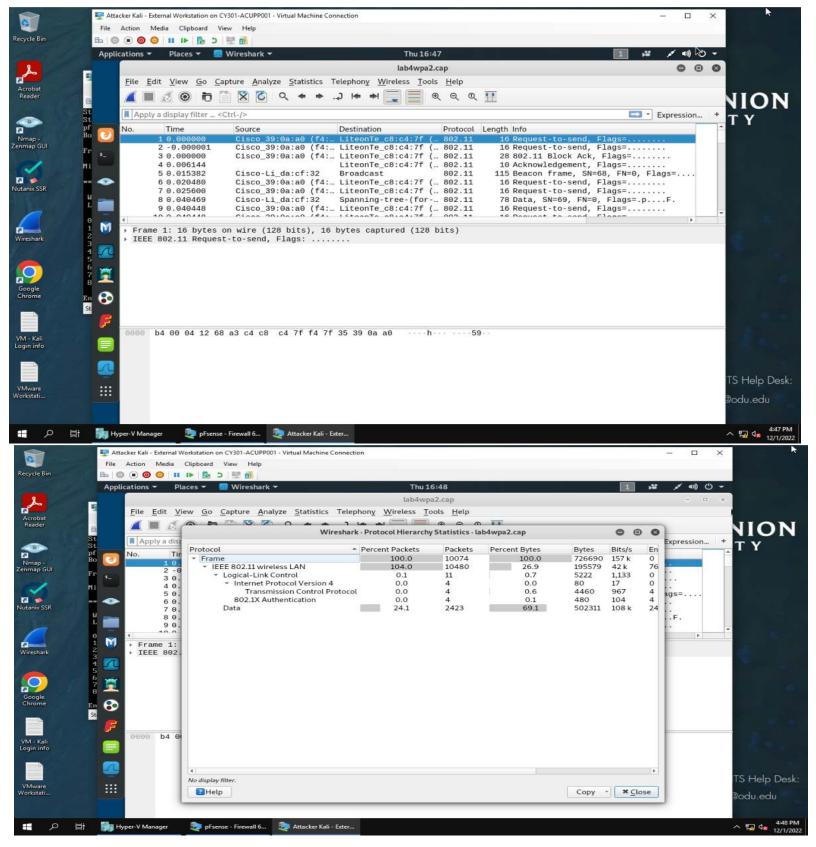
A1. The file is decrypted



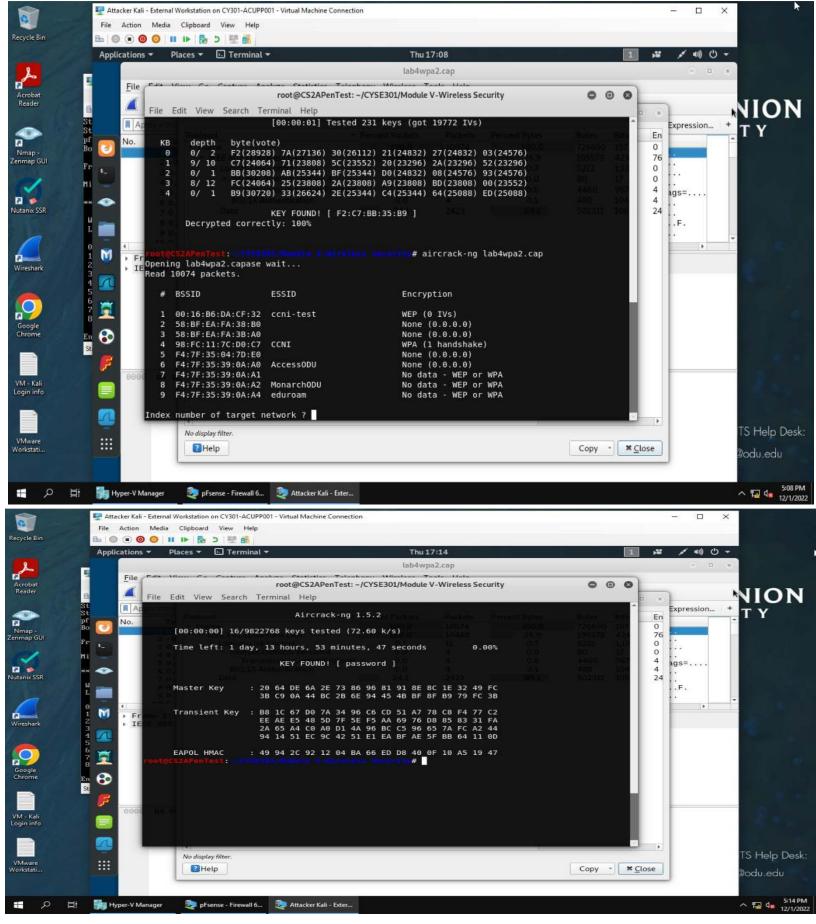
A1. The key is used to prove decryption



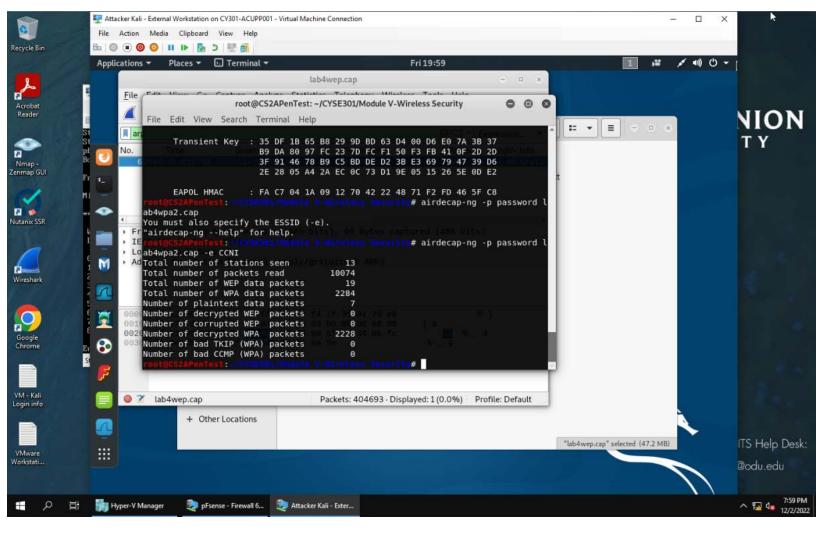
A1. There are a large number of ARP packets present for ARP broadcasts to discover the address.



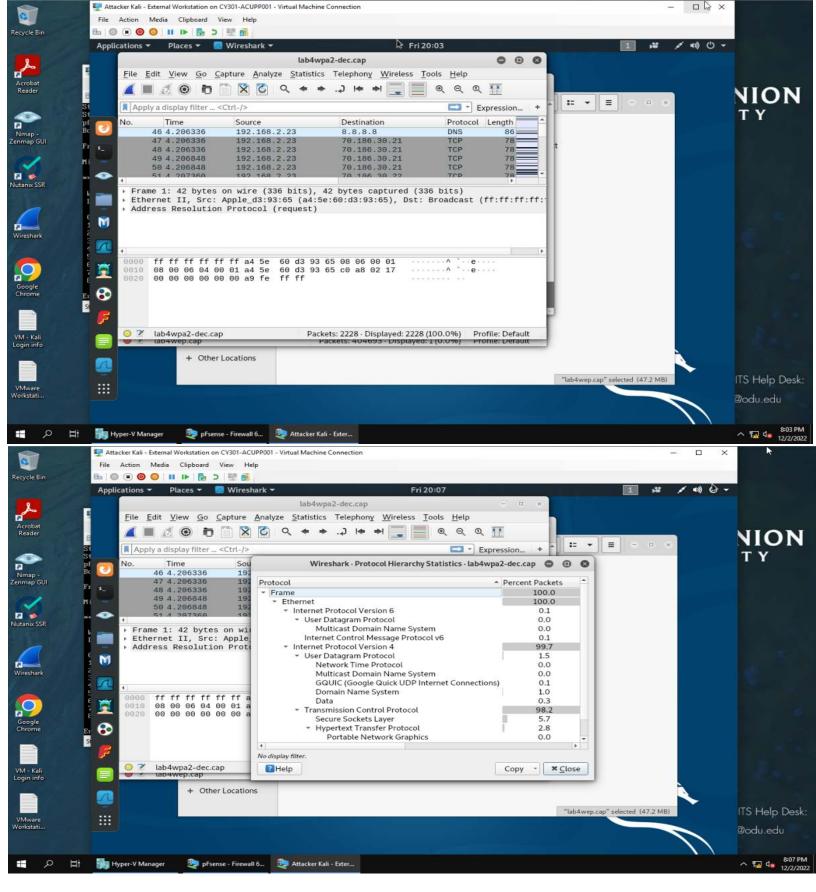
A2. Traffic and hierarchy of lab4wpa2.cap before decryption



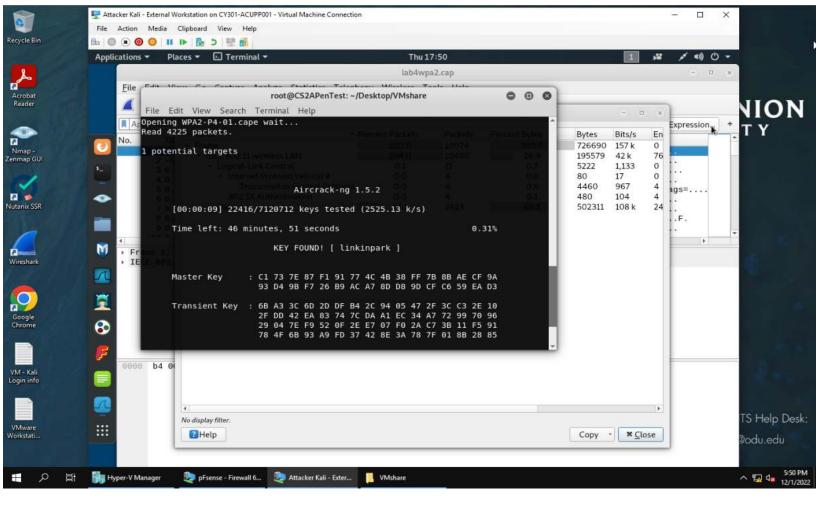
A2. The file is decrypted



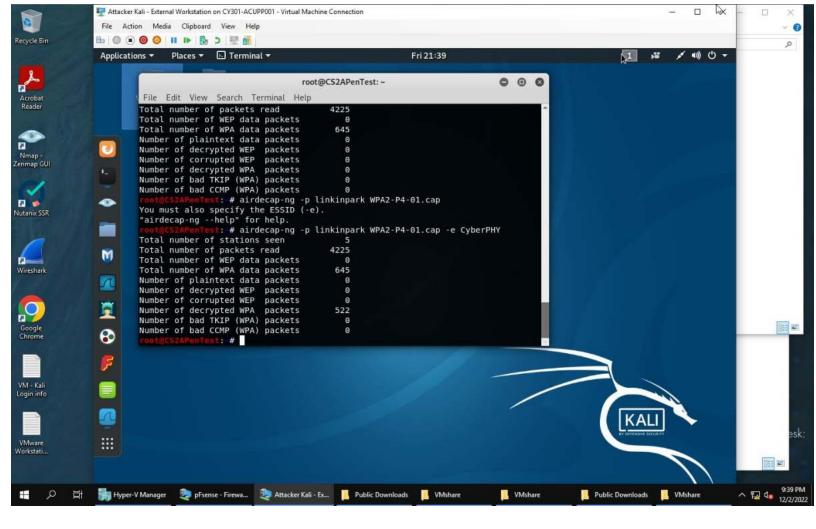
A2. The key is used to prove decrpytion, screenshot shows commands used



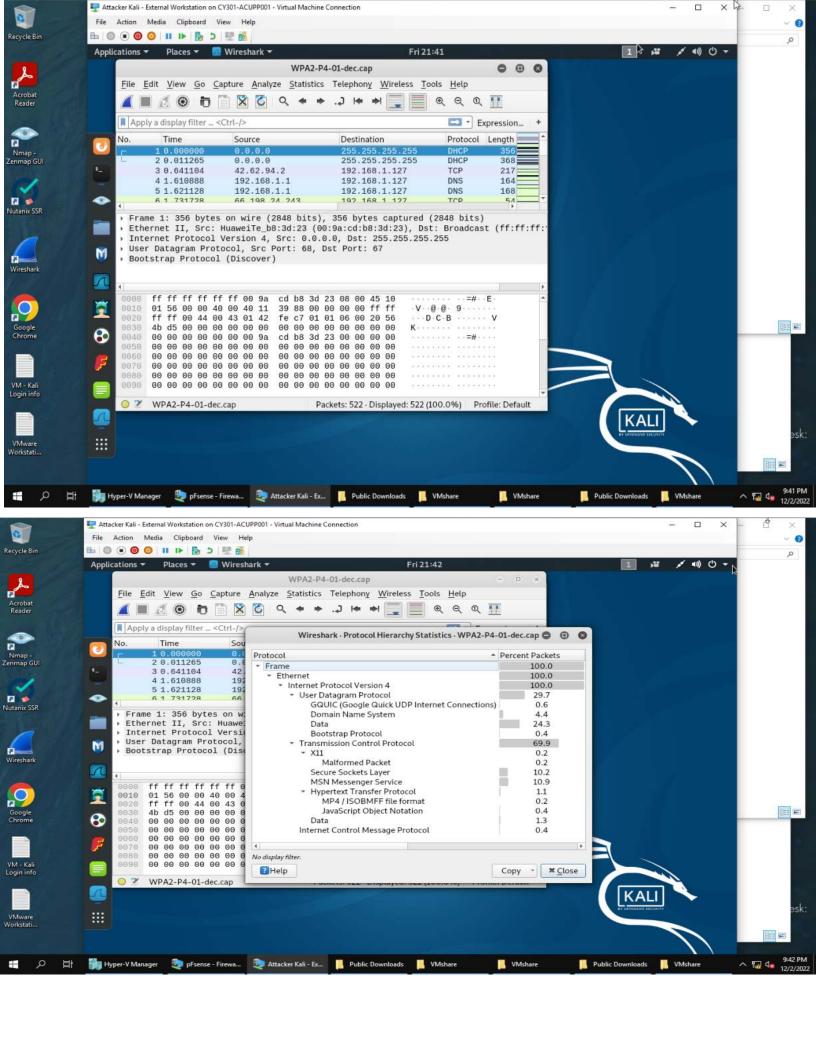
A2. There are a large number of TCP packets present appearing to be a syn-ack flood.



B1. A dictionary attack is implemented, and the password is found, linkinpark



B2. The key is used to prove decryption, screenshot shows command



B2. We have a large % of the traffic is UDP or TCP packets as presented in the hierarchy for WPA2-P4-01-dec.cap.					