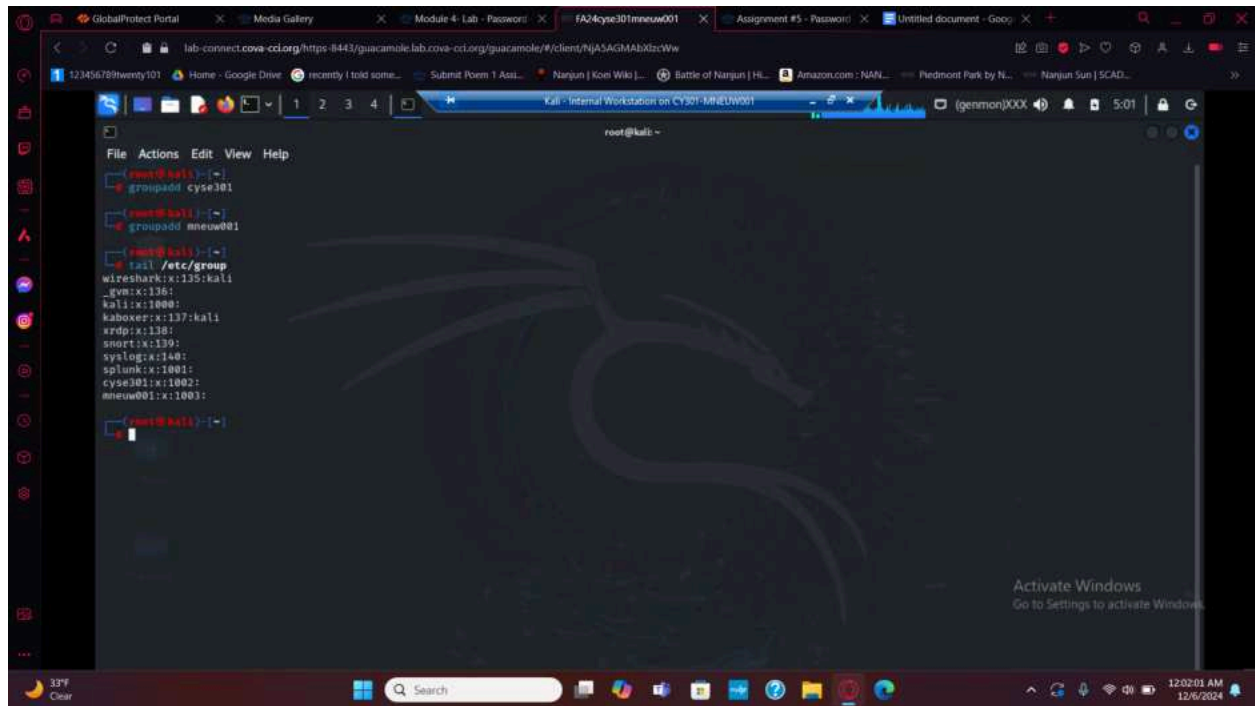


CYSE 301: Cybersecurity Technique and Operations

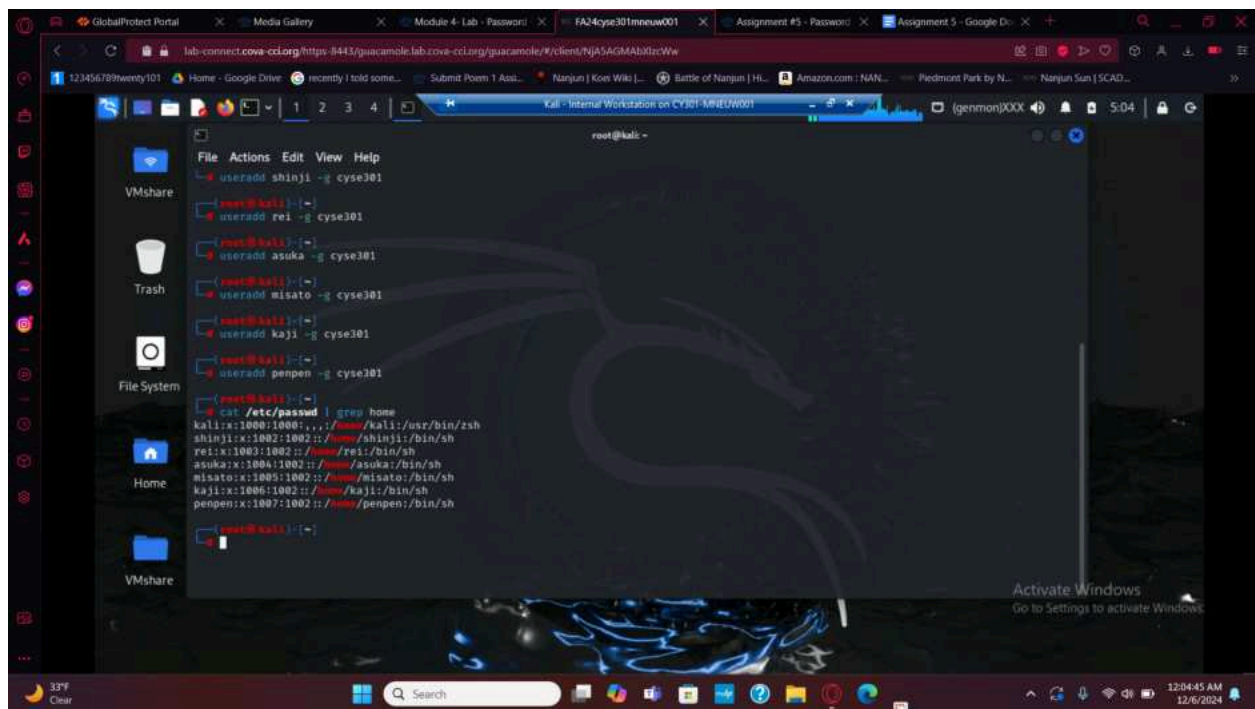
Assignment 5: Password Cracking

Michael Neuwirth

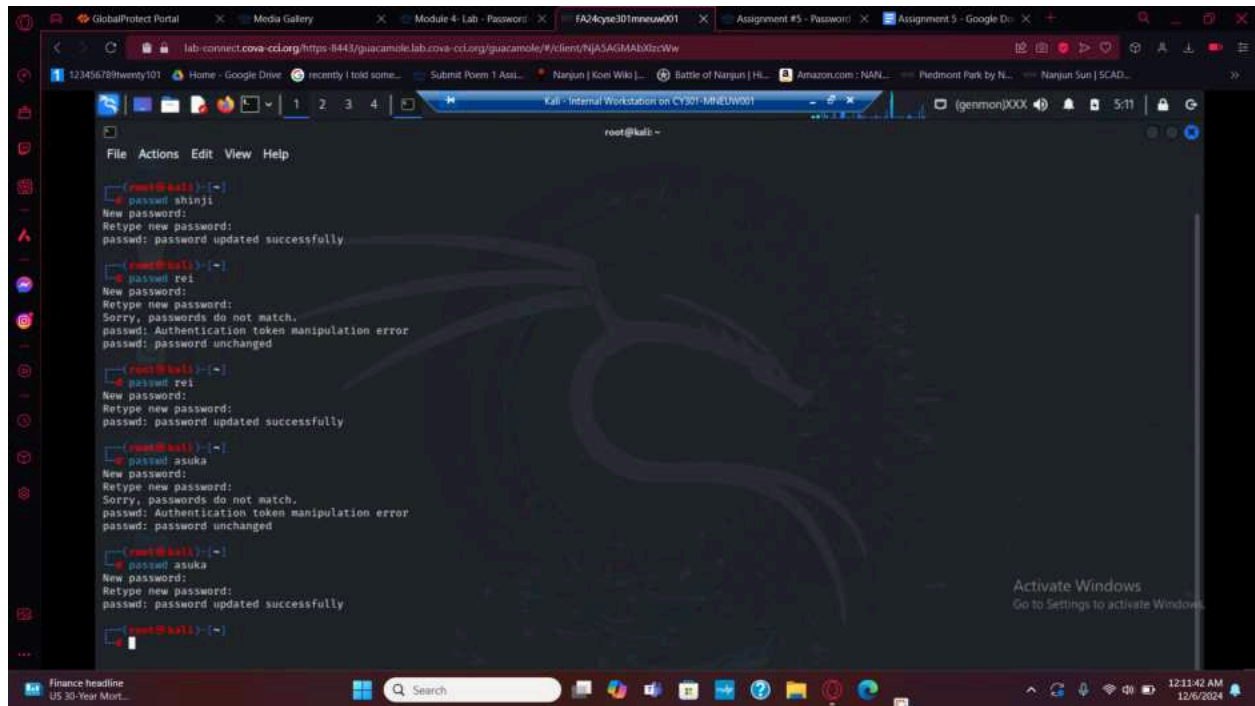
01235176



1a



2a

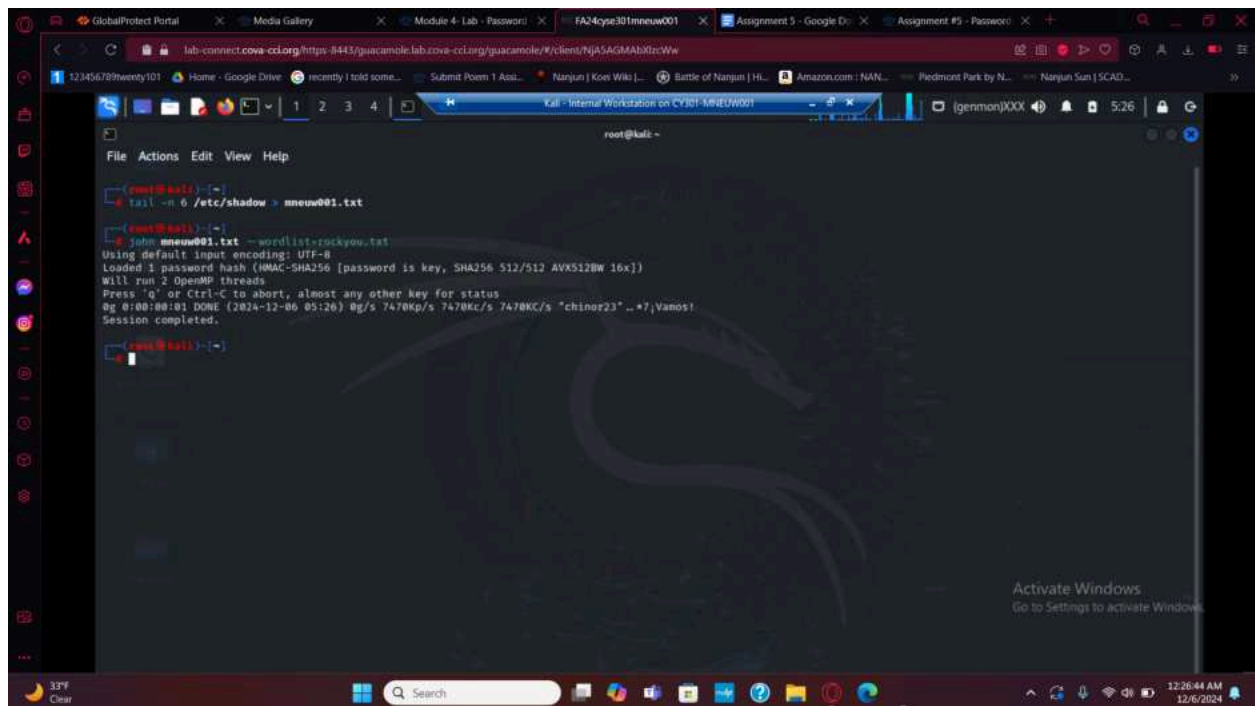


3a

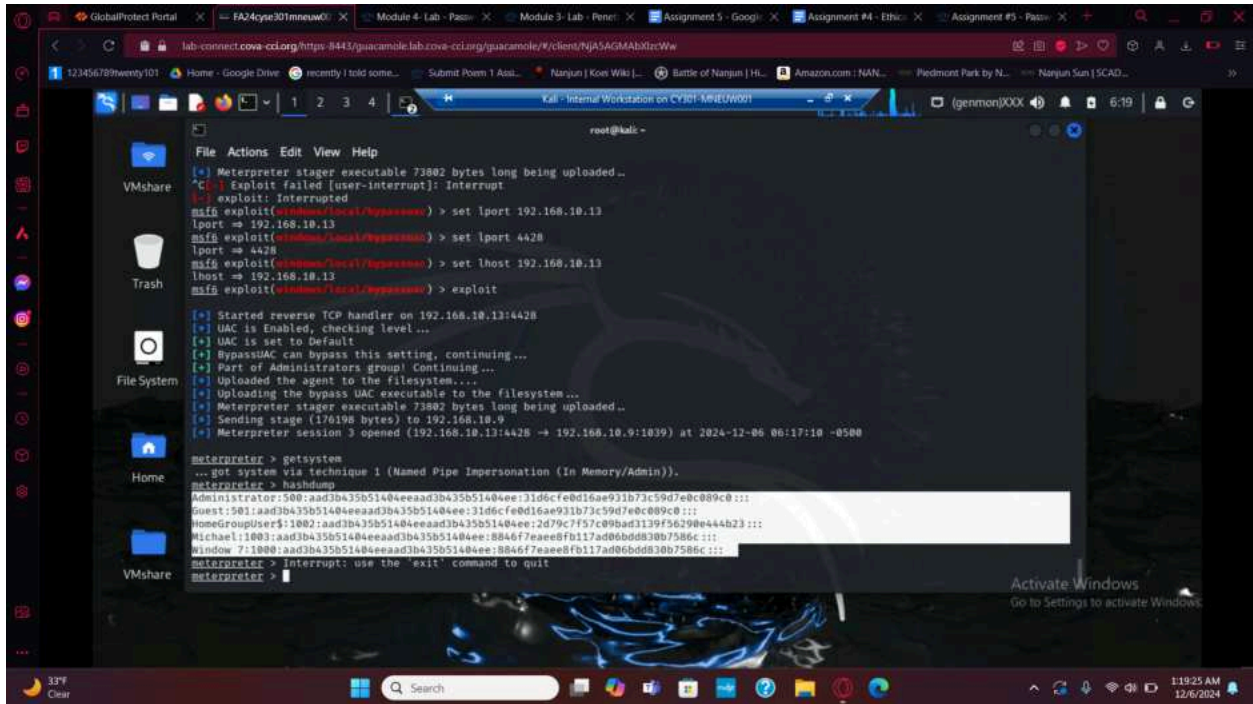
Easy: homebed3

Medium: y3sir1234

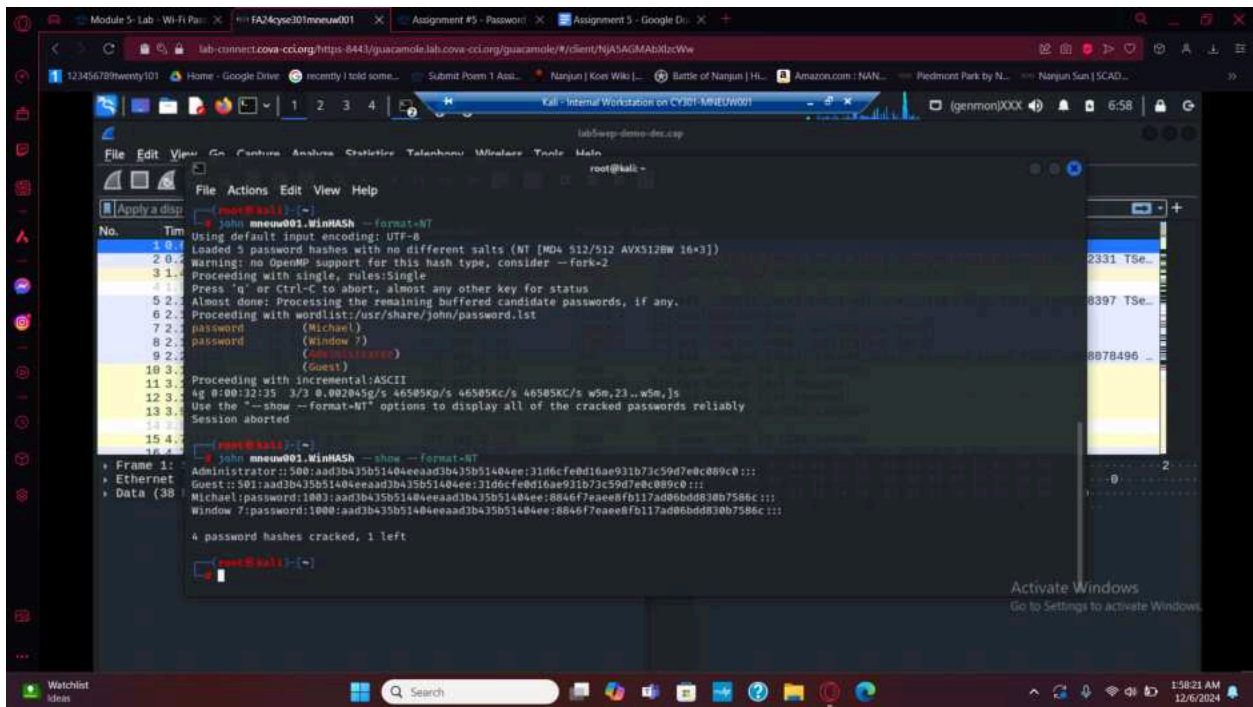
Hard: RegeT#431



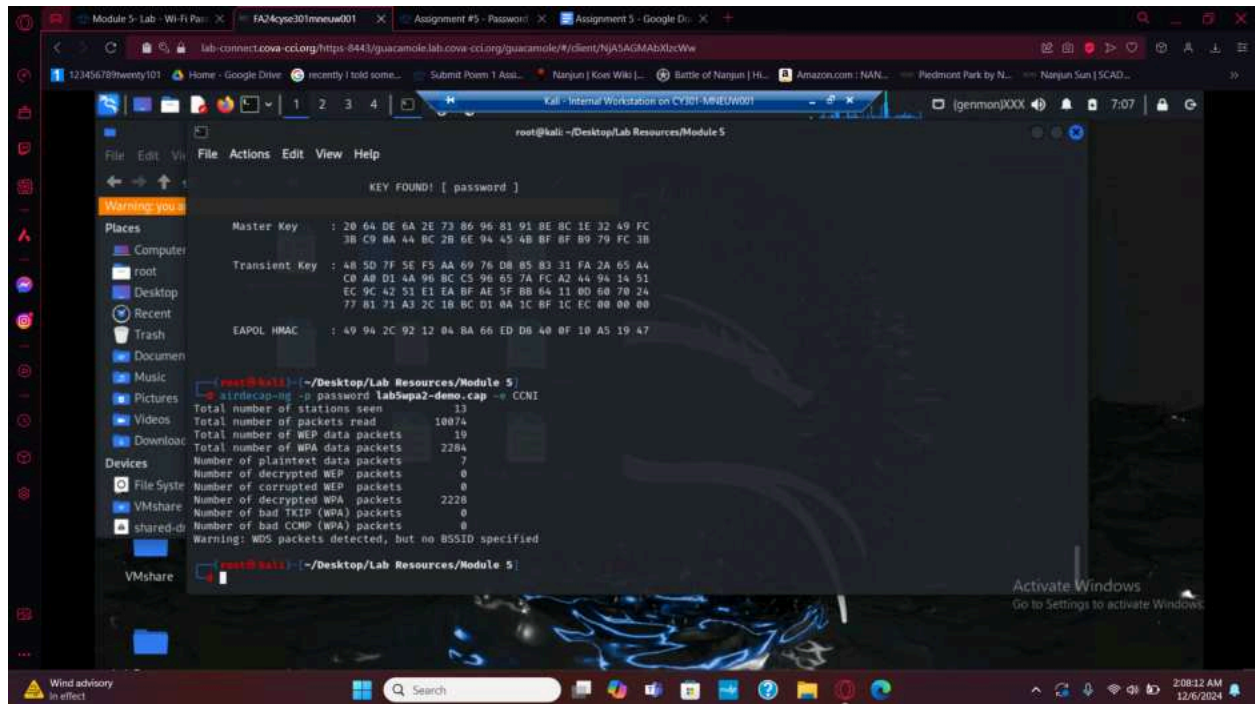
4a



B1

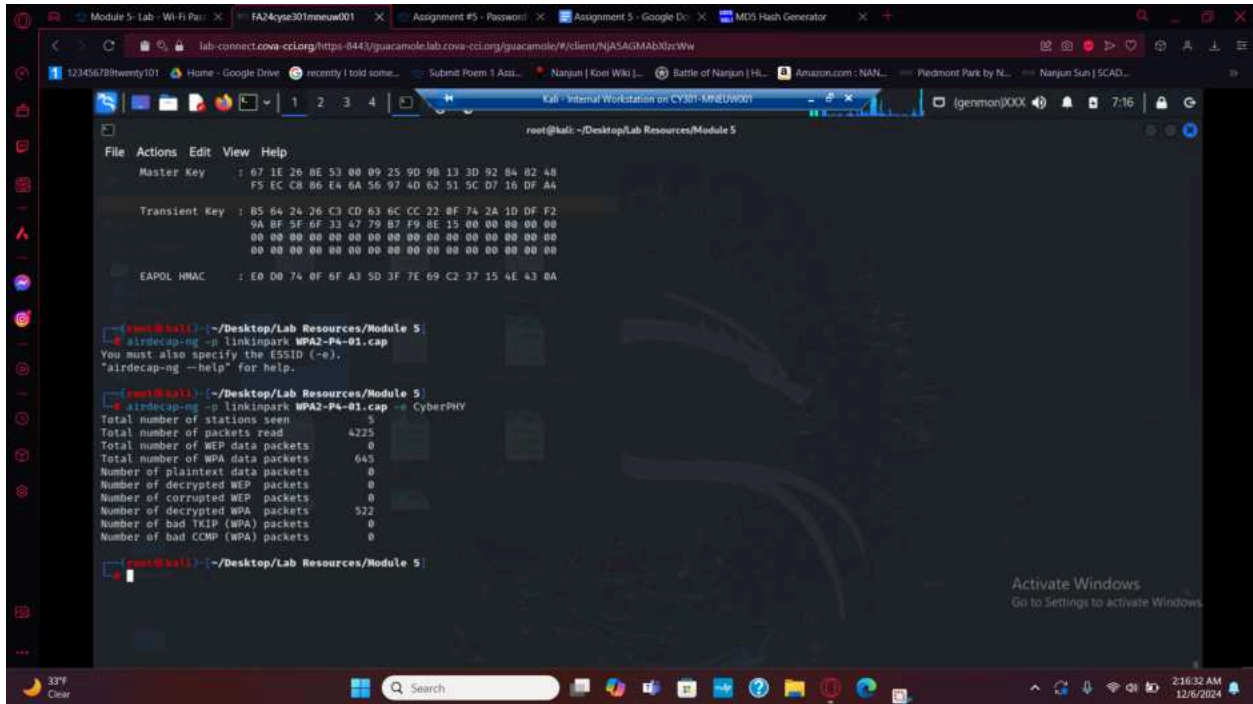


B2



2c

There is significantly more TCP packets in this traffic capture, and much less ARP packets.



1D

I found my file using an online md5 hash generator - 9 - Then I used aircrack to find the password of linkinpark, as well as the essid, plugged that all into aircrack to decrypt.

2D

It appears that the user visited a number of websites or was constructing a website themselves based on the ui and other headers. There is a lot of handshake agreements, with the majority of the packets being syn or ack. Looking in statistics this supports that as the majority of the packets are TCP packets. Towards the end of the traffic it looks like the user gave up on whatever website they were on. Instead swapping to primarily UDP traffic which makes up about the last 30% of the traffic. Sending data all over the place.