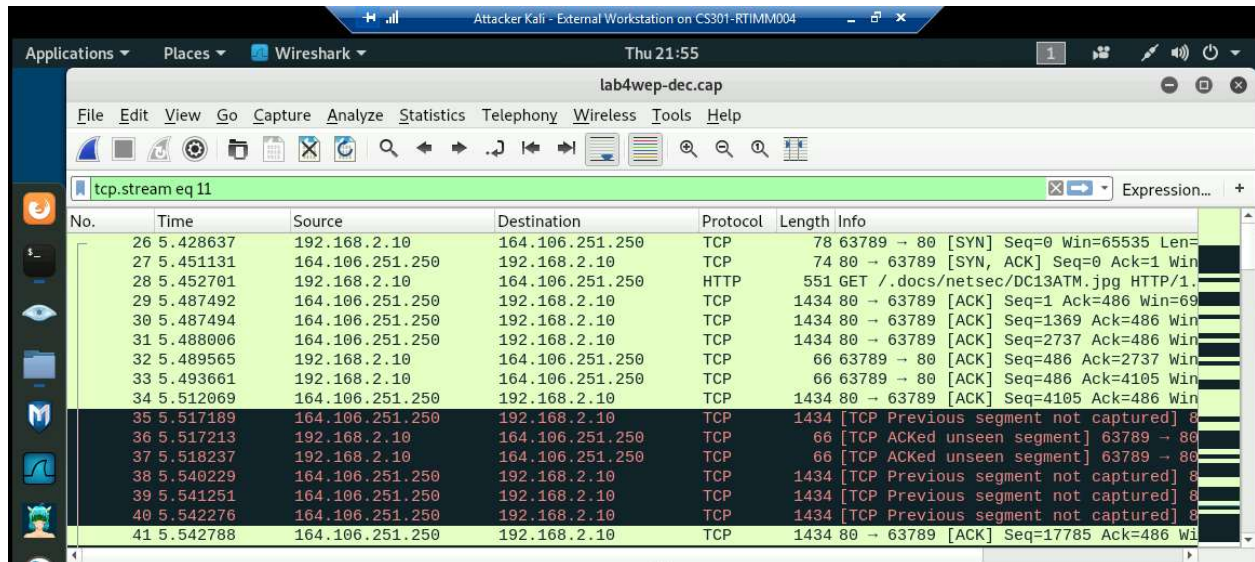
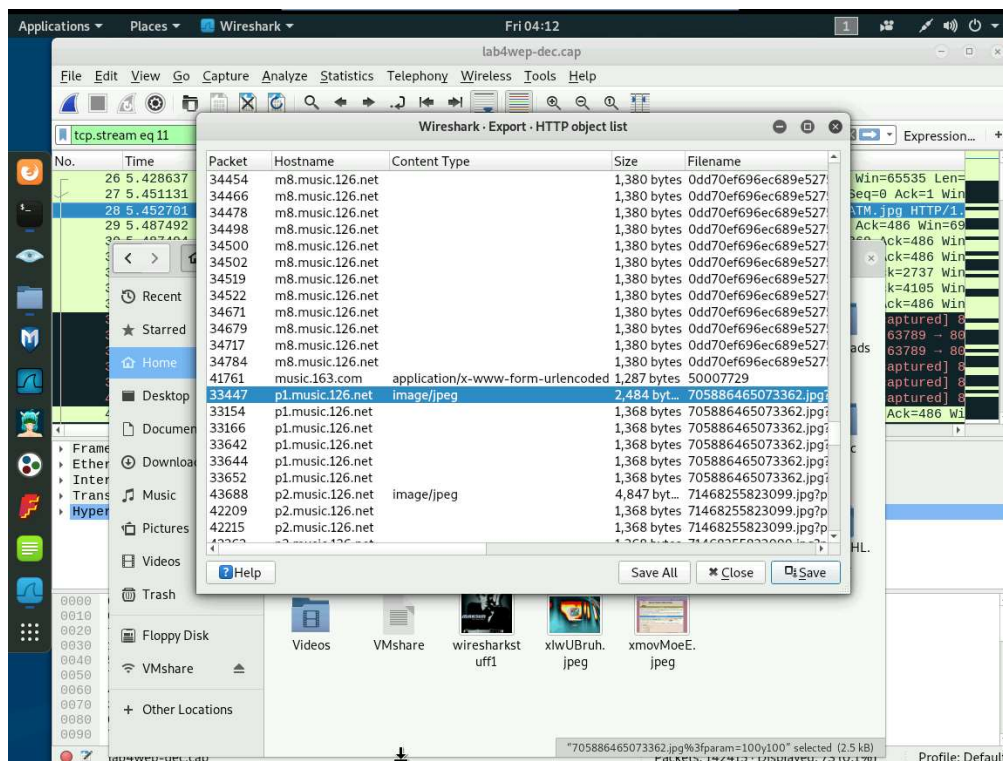
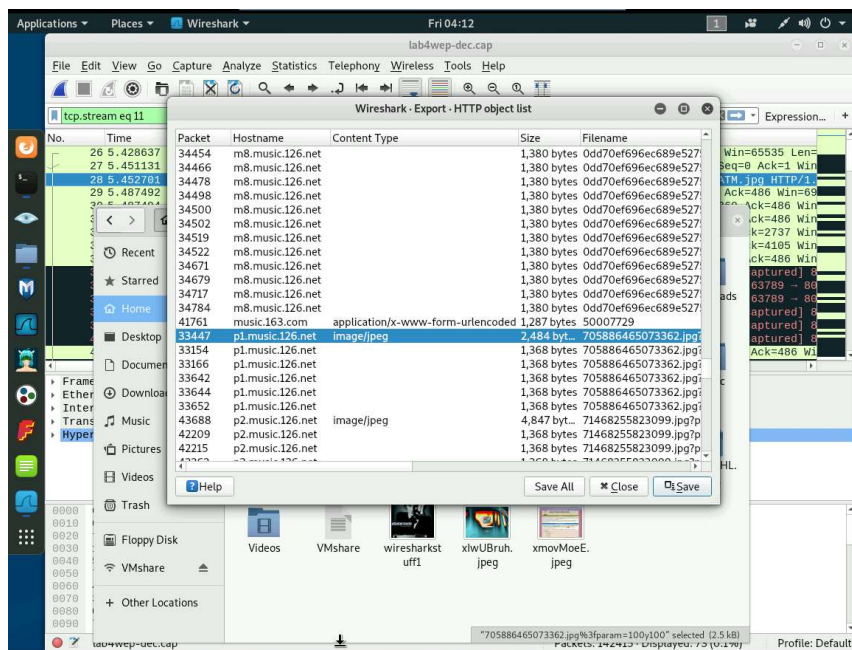
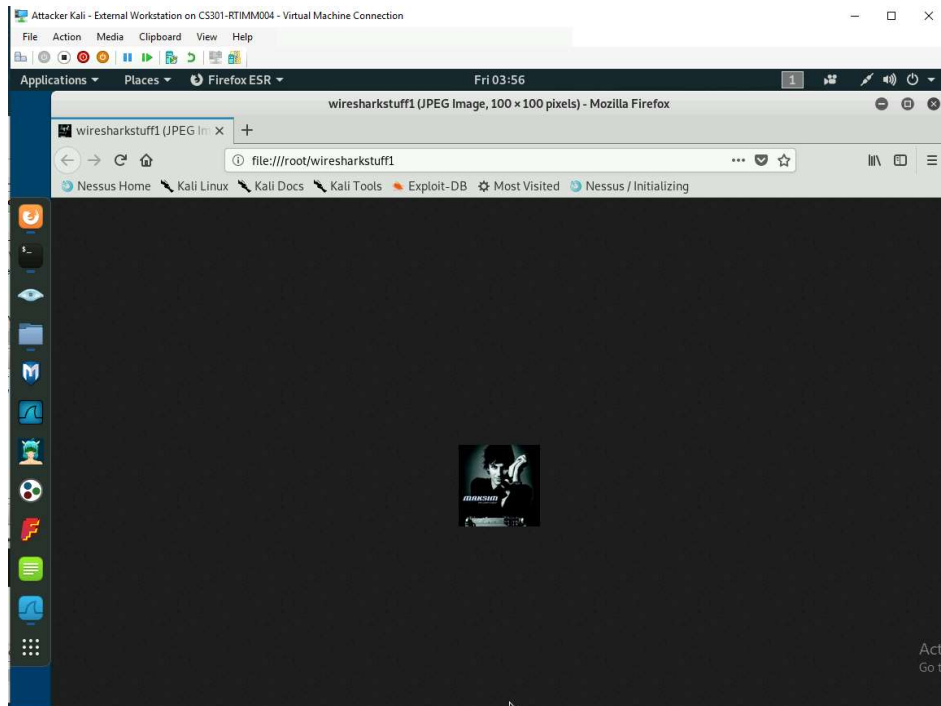




A picture of the HTTP object export, where you can see the hostnames, the files, and their sizes. I'm assuming the user was trying to get music off these sites.

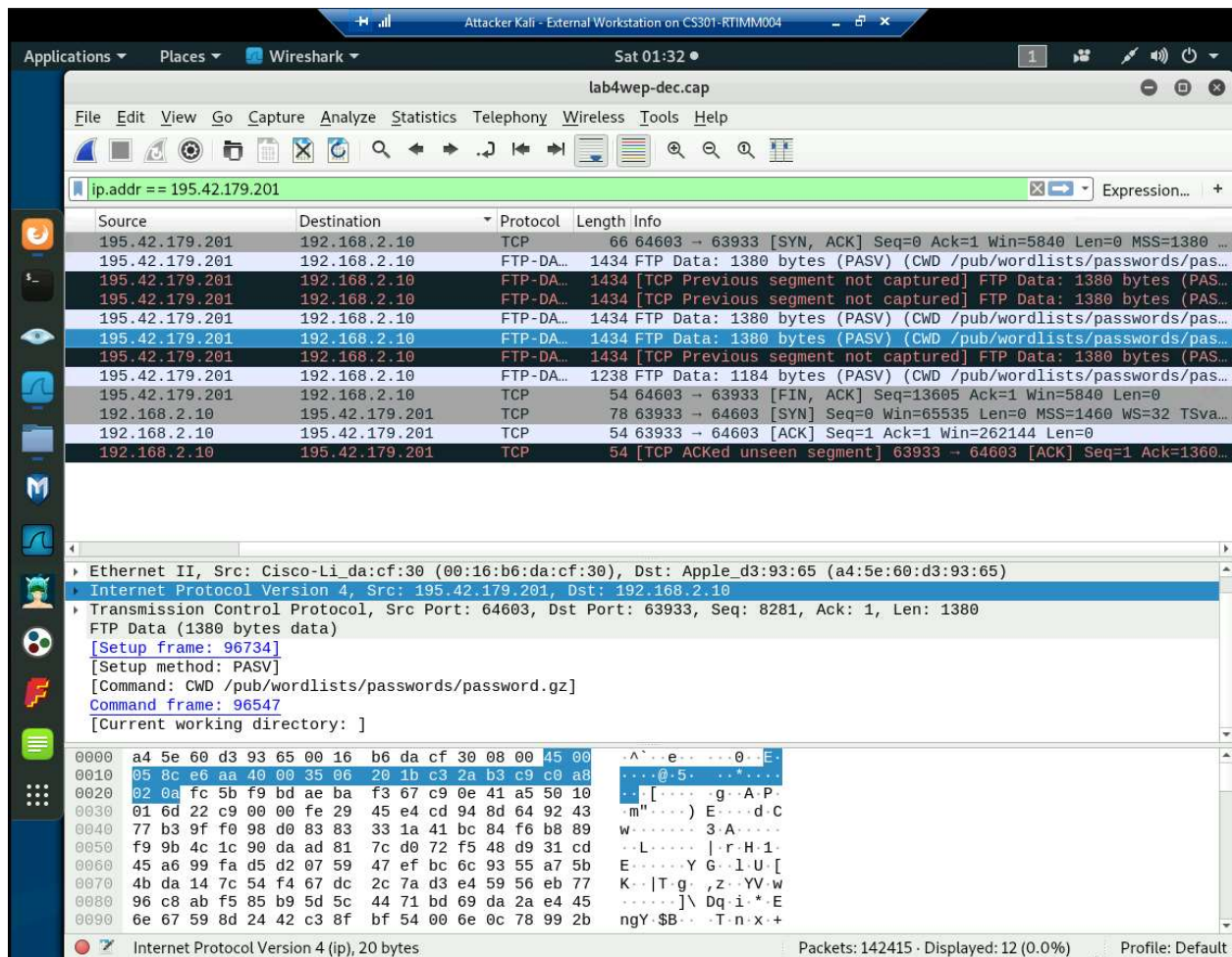


Here is a jpeg of one of the files from HTTP. It's an album cover. Below this image is where I got it from the HTTP object export.

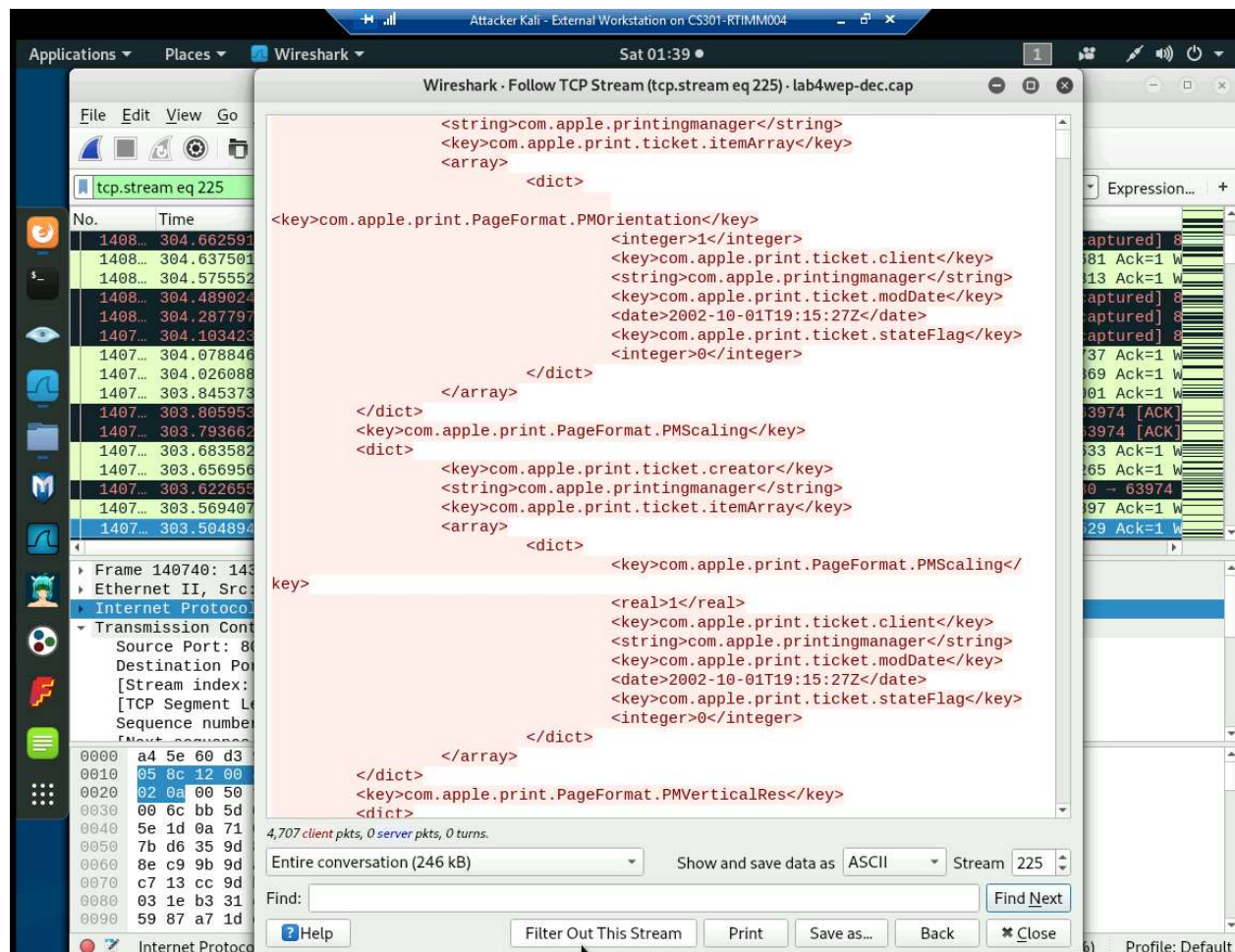


[illegible]

The picture below shows the ftp-data filter, where I can see that 195.42.179.201 is in the passwords.gz directory.

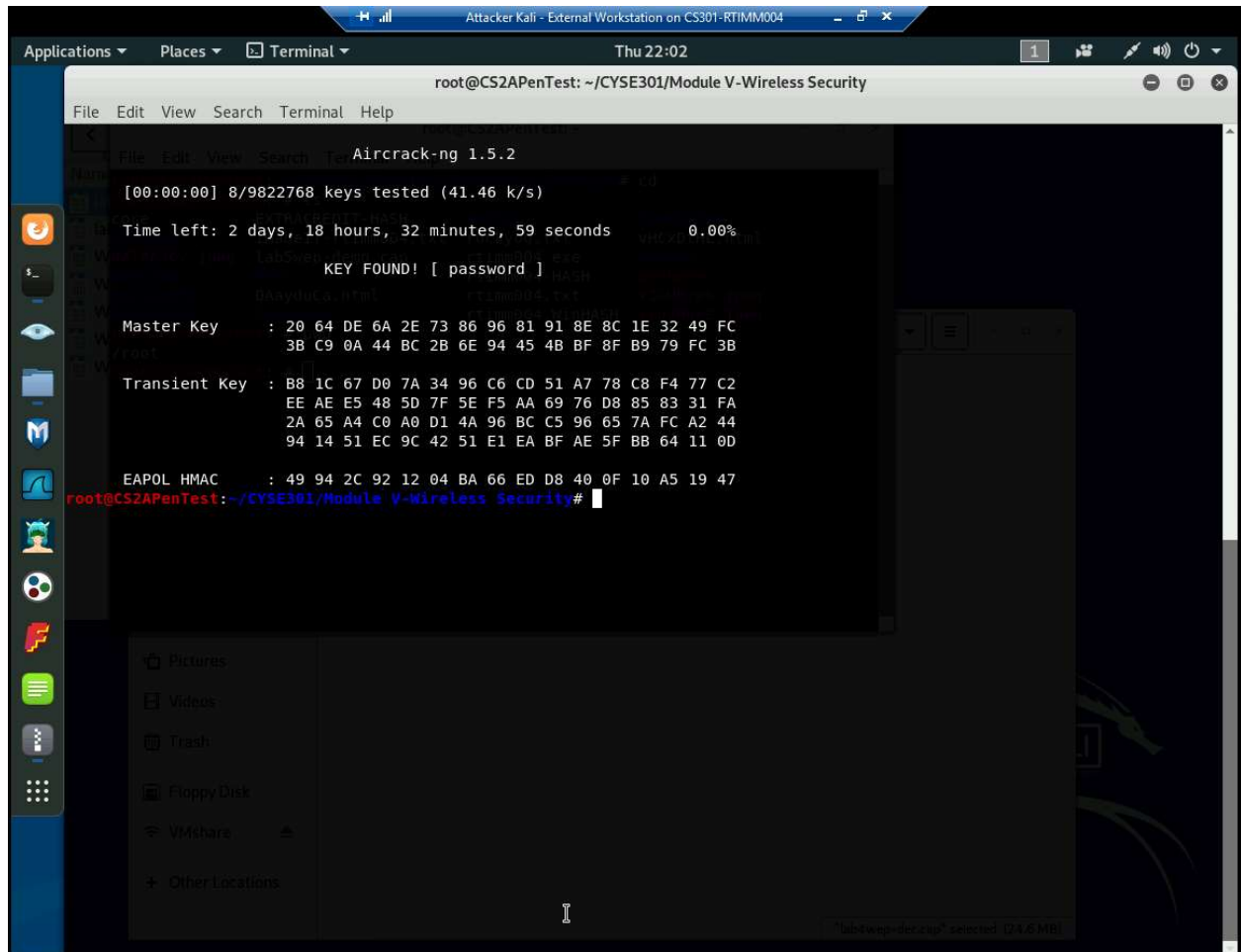


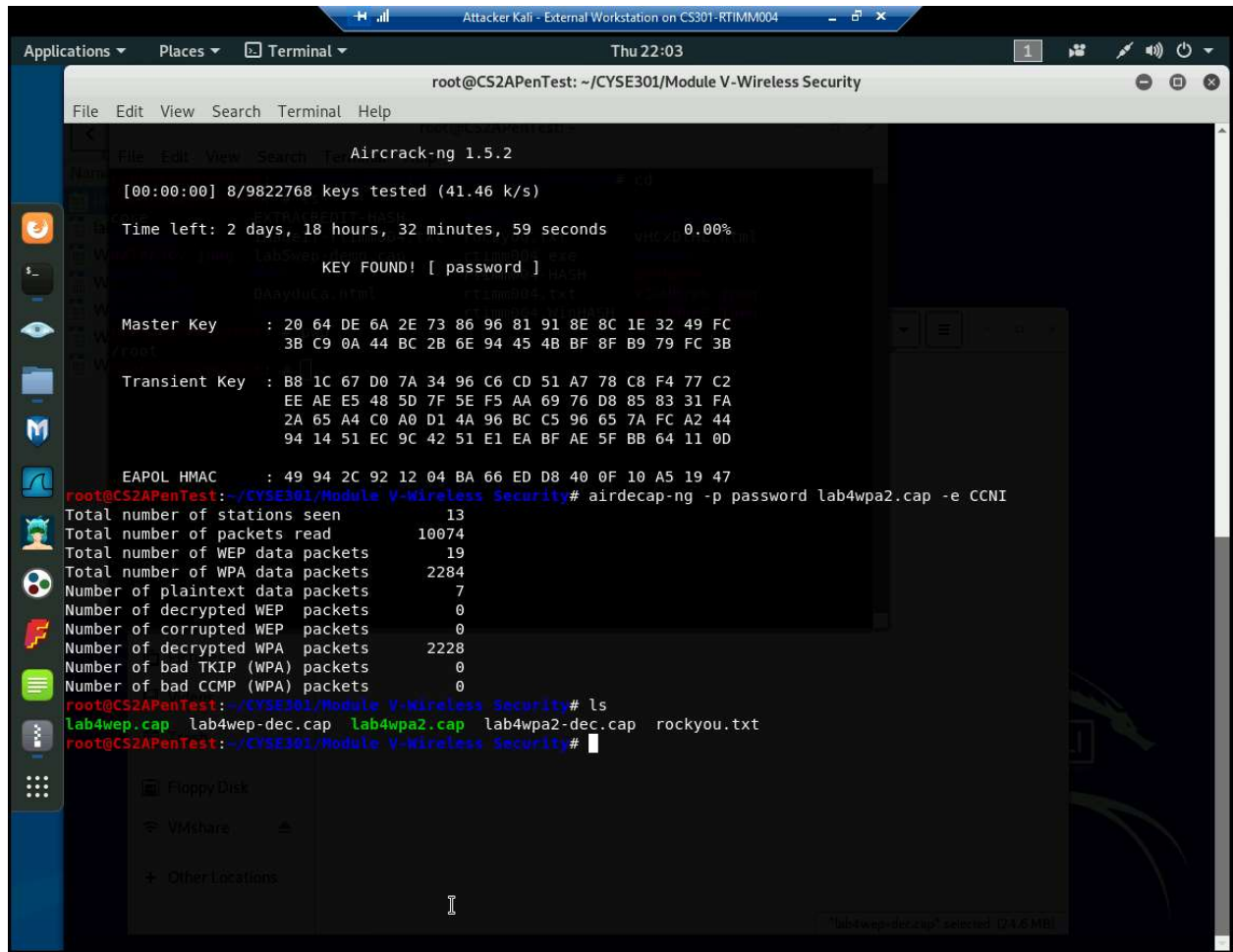
Here's the HTML page I couldn't understand.



2. Decrypt the lab4wpa2.cap file and perform a detailed traffic analysis.

Below are two images of me using aircrack to get the password, and using airdecap respectively (with password) to get the de.cap file. I didn't get the command itself for the first one, but I got the output alright.





```
Attacker Kali - External Workstation on CS301-RTIMM004
Thu 22:03
root@CS2APenTest: ~/CYSE301/Module V-Wireless Security
File Edit View Search Terminal Help
Aircrack-ng 1.5.2
[00:00:00] 8/9822768 keys tested (41.46 k/s)
Time left: 2 days, 18 hours, 32 minutes, 59 seconds 0.00%
KEY FOUND! [ password ]
Master Key : 20 64 DE 6A 2E 73 86 96 81 91 8E 8C 1E 32 49 FC
3B C9 0A 44 BC 2B 6E 94 45 4B BF 8F B9 79 FC 3B
Transient Key : B8 1C 67 D0 7A 34 96 C6 CD 51 A7 78 C8 F4 77 C2
EE AE E5 48 5D 7F 5E F5 AA 69 76 D8 85 83 31 FA
2A 65 A4 C0 A0 D1 4A 96 BC C5 96 65 7A FC A2 44
94 14 51 EC 9C 42 51 E1 EA BF AE 5F BB 64 11 0D
EAPOL HMAC : 49 94 2C 92 12 04 BA 66 ED D8 40 0F 10 A5 19 47
root@CS2APenTest:~/CYSE301/Module V-Wireless Security# airdecap-ng -p password lab4wpa2.cap -e CCNI
Total number of stations seen 13
Total number of packets read 10074
Total number of WEP data packets 19
Total number of WPA data packets 2284
Number of plaintext data packets 7
Number of decrypted WEP packets 0
Number of corrupted WEP packets 0
Number of decrypted WPA packets 2228
Number of bad TKIP (WPA) packets 0
Number of bad CCMP (WPA) packets 0
root@CS2APenTest:~/CYSE301/Module V-Wireless Security# ls
lab4wep.cap lab4wep-dec.cap lab4wpa2.cap lab4wpa2-dec.cap rockyou.txt
root@CS2APenTest:~/CYSE301/Module V-Wireless Security#
```

Detailed summary: This was definitely easier to read than the first. (No more ARP WALLS!!!!!!) In a nutshell, it seems that whoever is 192.168.2.23 is going through ODU, checking the local news, youtube, odusports, and looking at general campus maps. There was a standard query for PengdeMacBook-Pro, I believe this is the source of all the traffic. You can also see that pngs of the maps are downloaded off of the web server. Most if not all of this map interaction can be seen from HTTP.

Screenshots

