

Maria Valencia

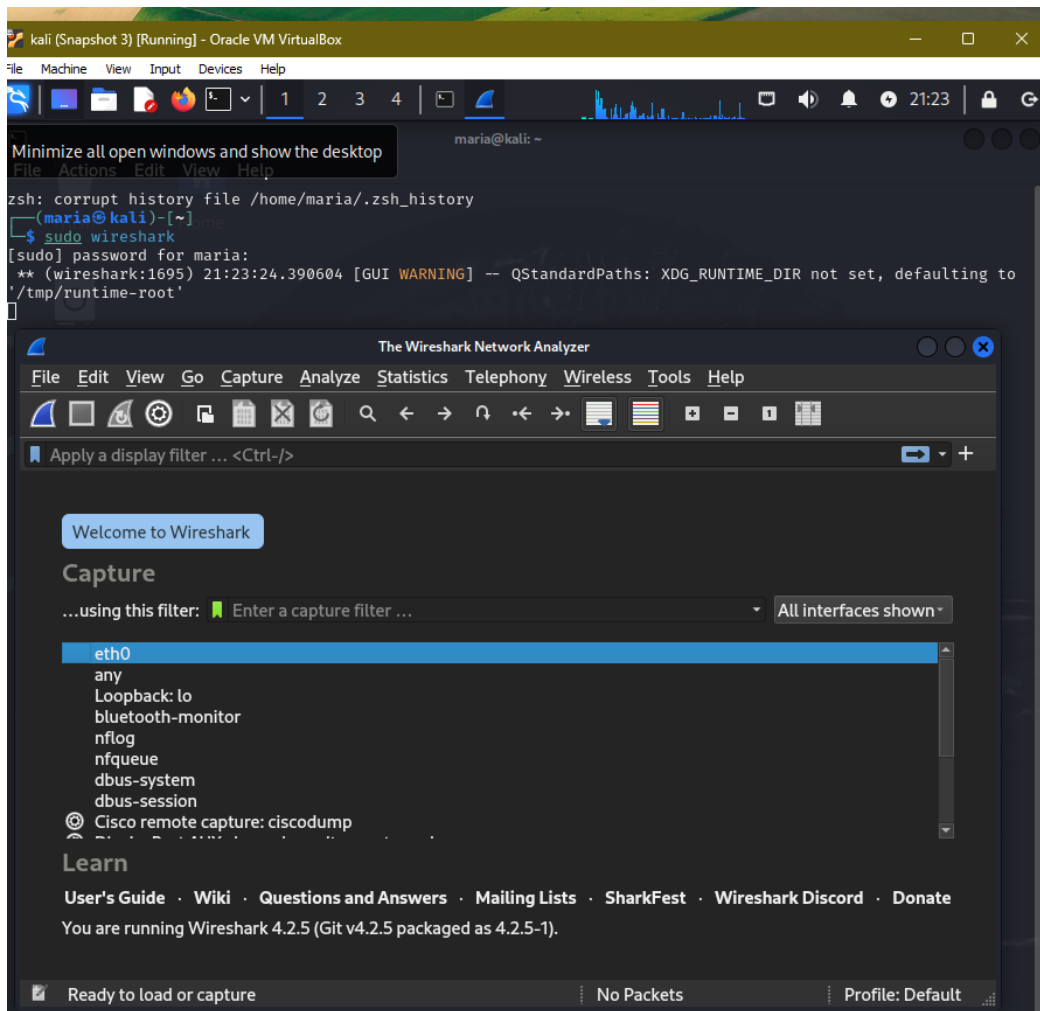
Lab 03

CSC 154

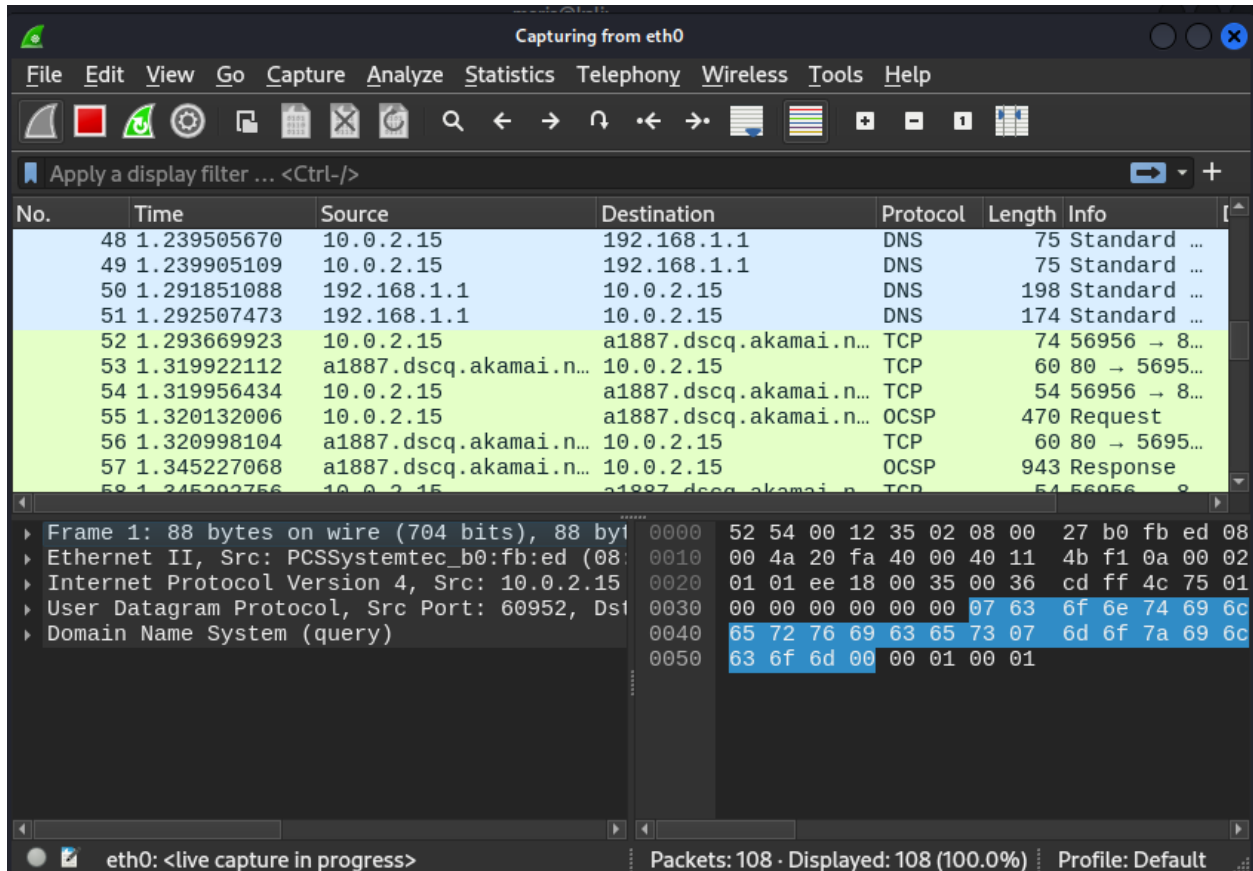
Network Security

3.1 Wireshark Packet Capture

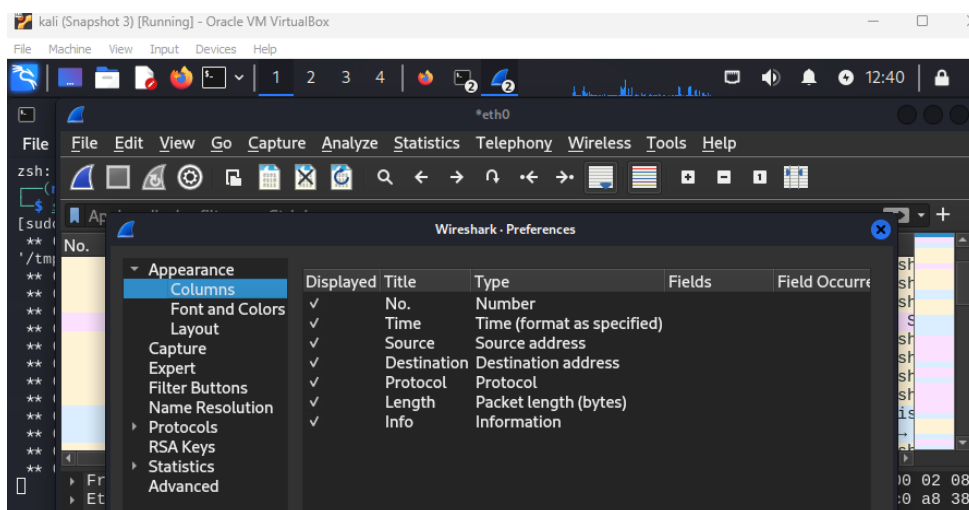
In this exercise, I logged into my Kali VM and launched the terminal. I ran the command “Sudo Wireshark” to start up Wireshark and started capturing packets.



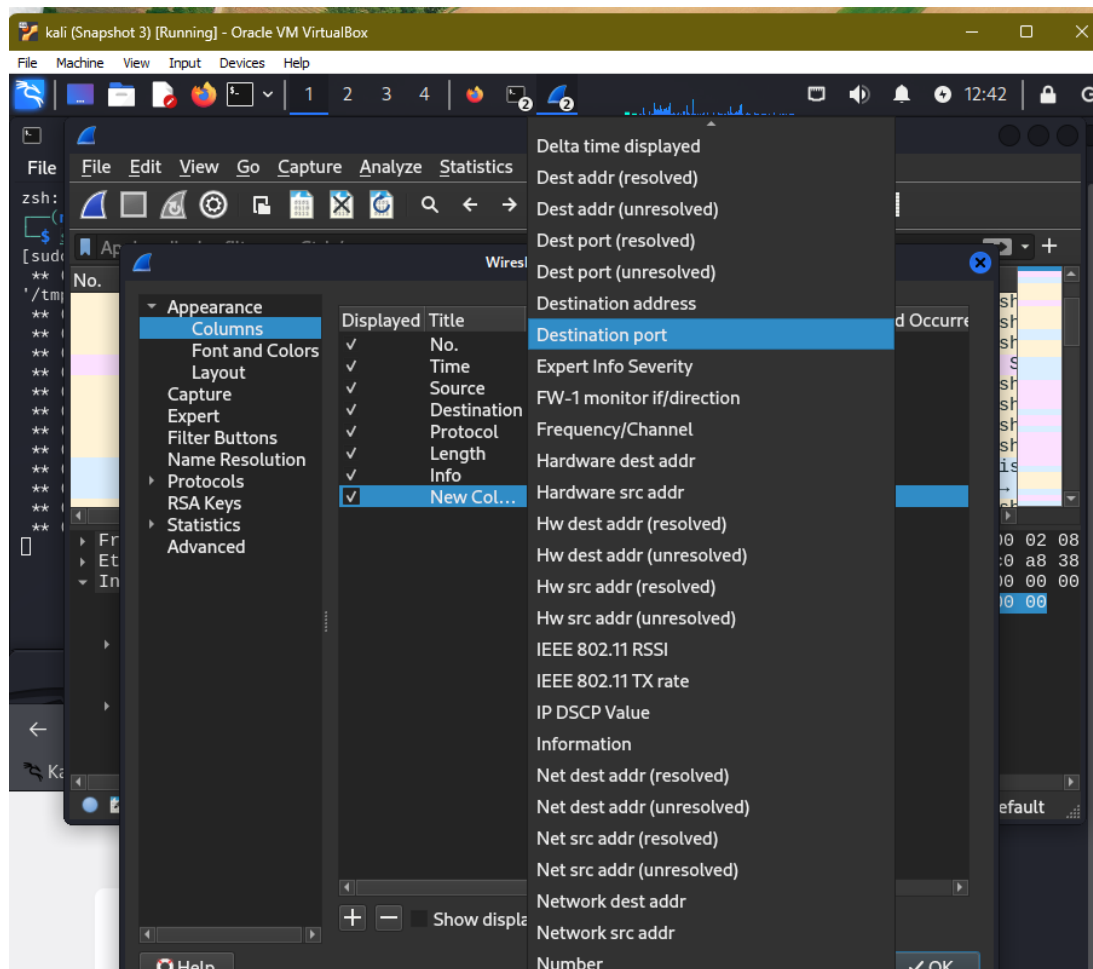
After I started capturing packets, i stopped capturing packets by pressing the red stop button.

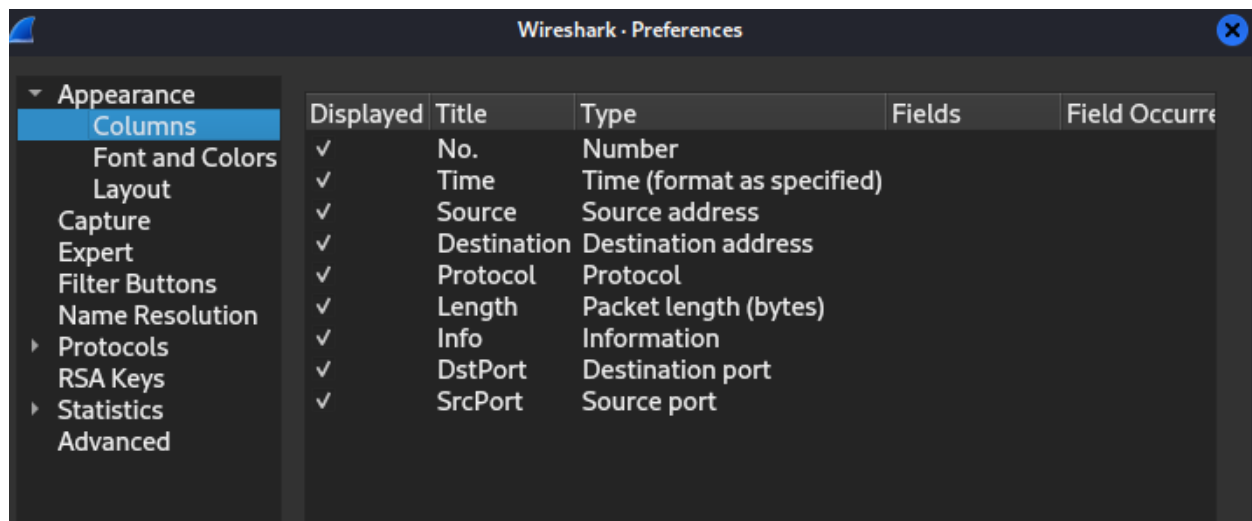
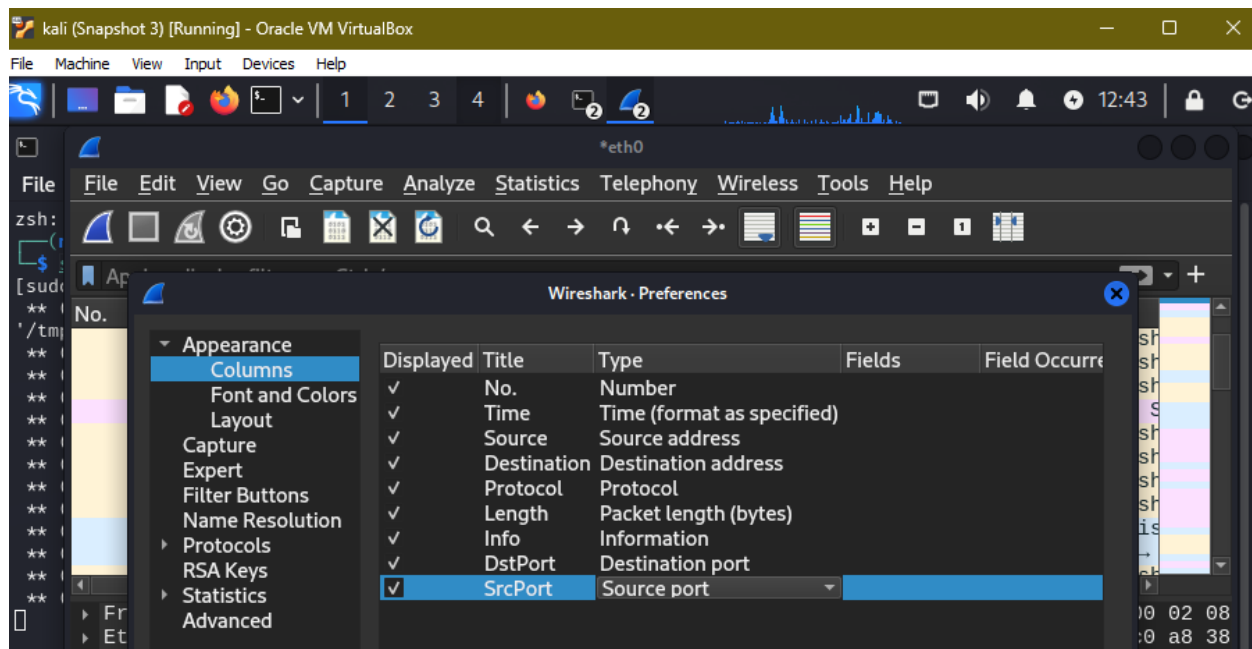


I then went to add the source and destination ports as columns. To do this, I right clicked the column header and selected "Column Preferences" from the context menu.

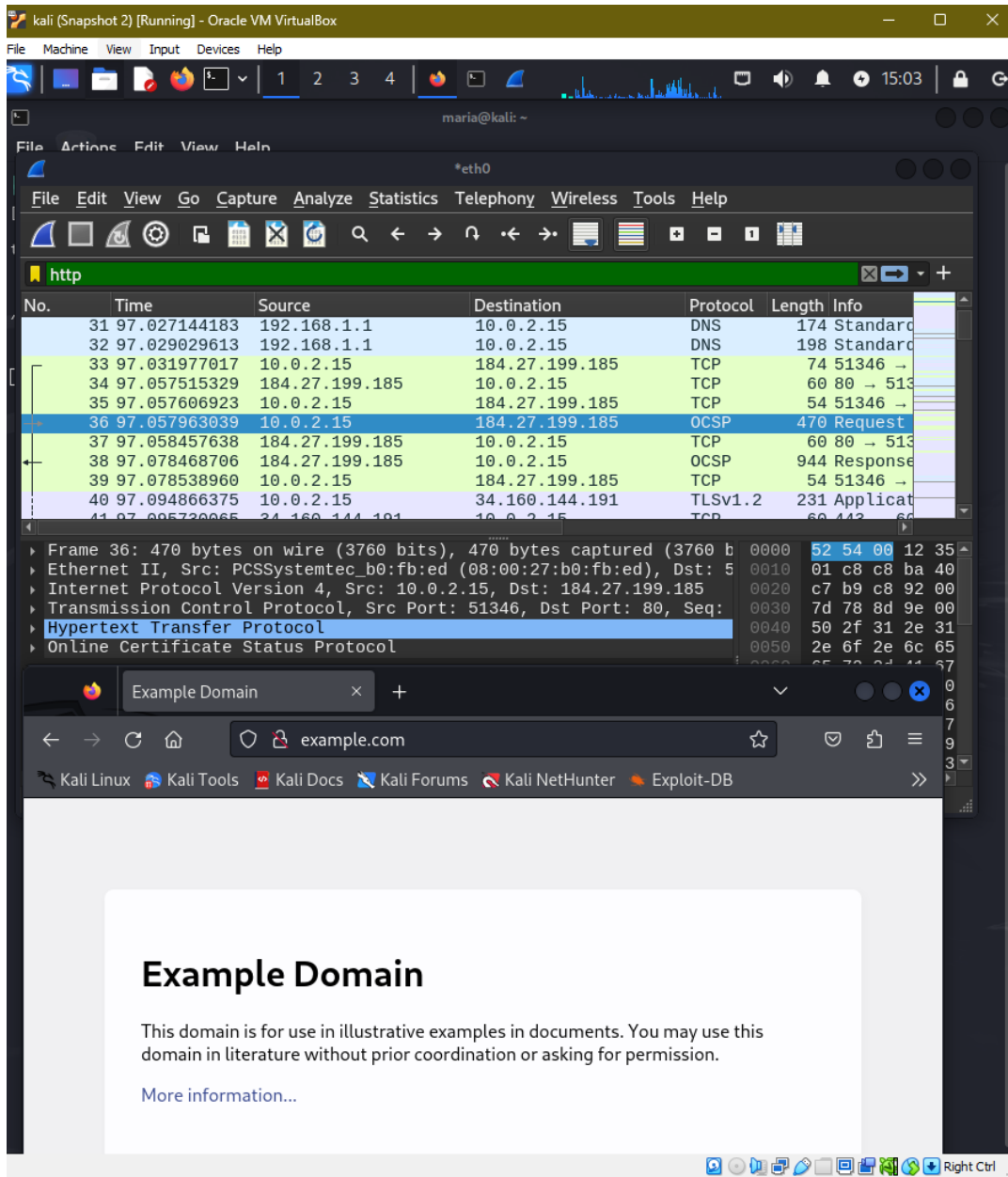


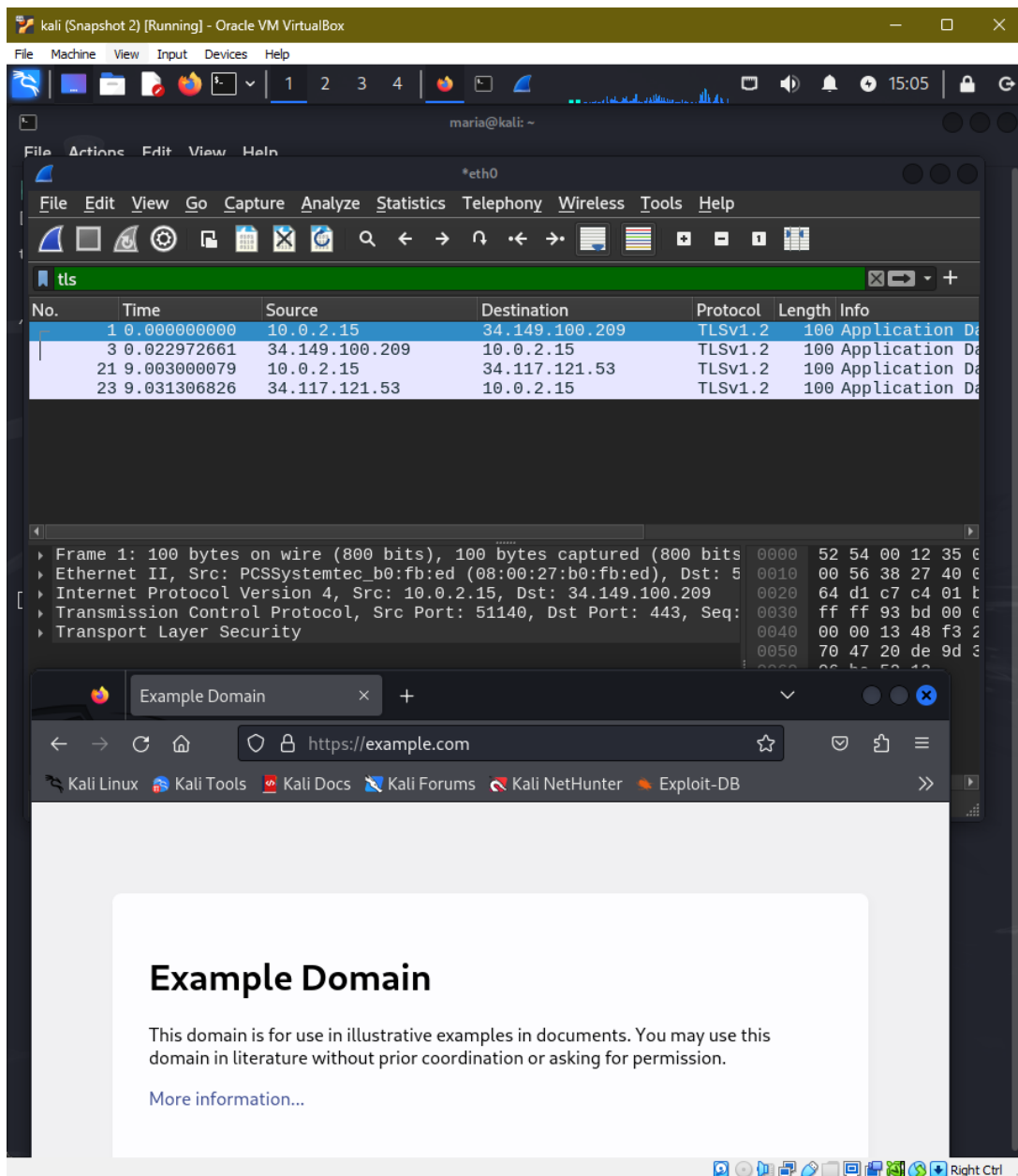
With the column preferences open, I pushed the “+” button at the bottom and double clicked “Number” Then selected “Destination Port” from the drop-down menu, double clicked the title and entered “DstPort”. I repeated these steps for the Source Port as well. Then pressed “OK” to complete the changes.



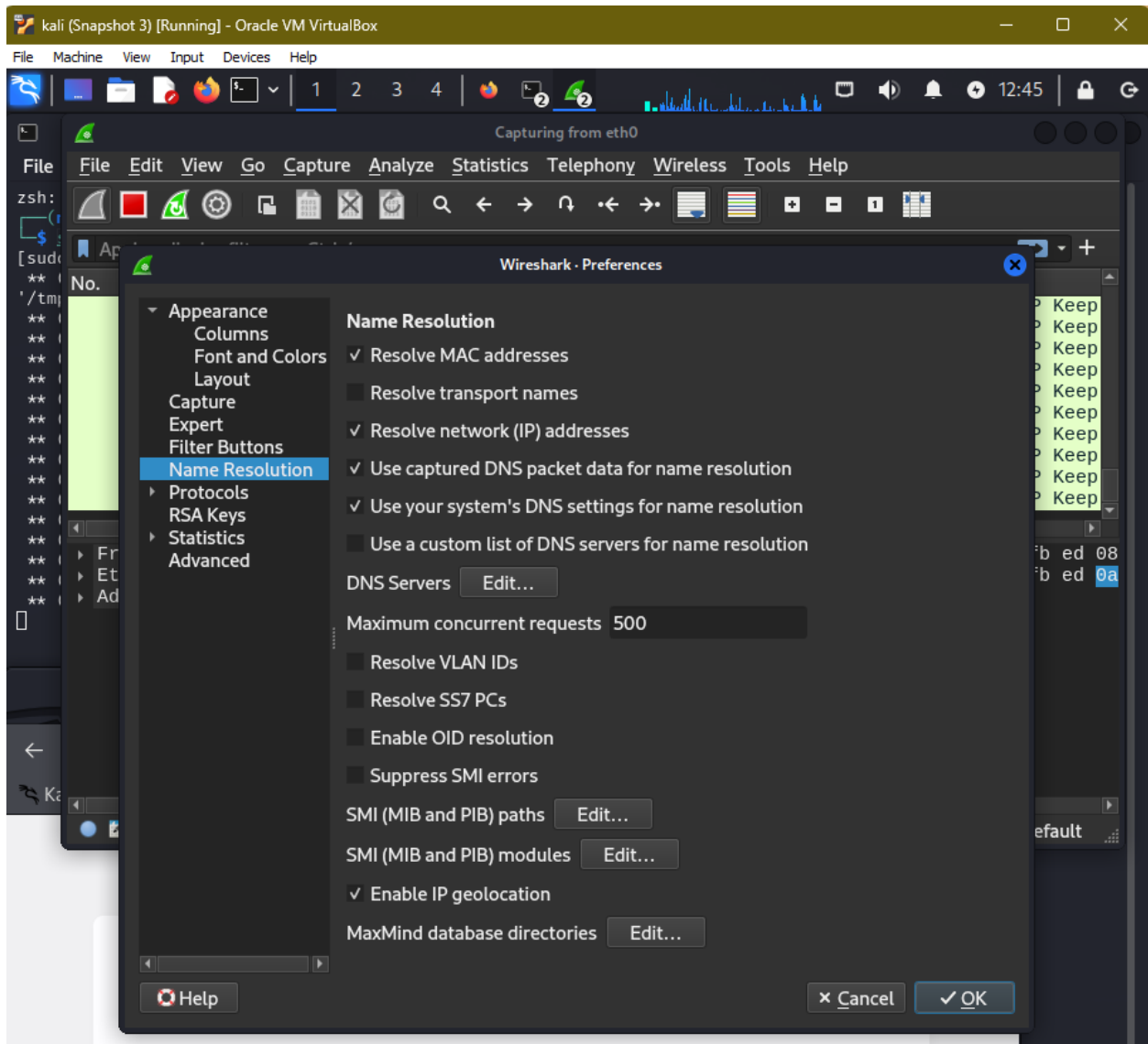


I launched a browser from the Kali VM while the Wireshark packet capture was running. In the browser, I navigated to the given URLs. After each site loaded, I stopped the packet capture, found the related packets in Wireshark and viewed each stream using filters “http” and “tls”.

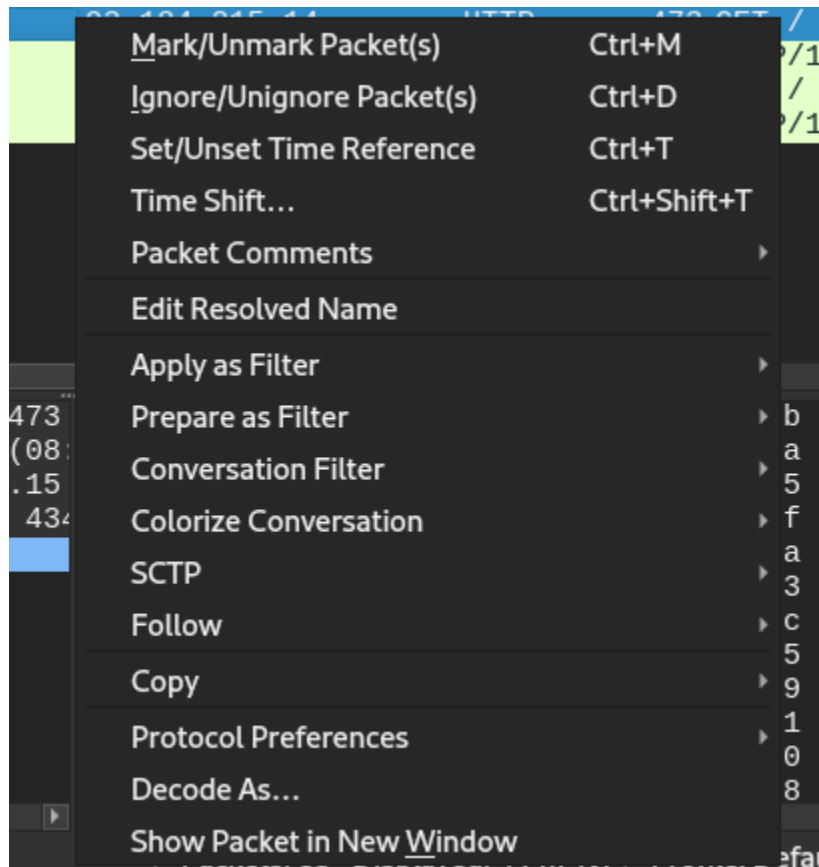




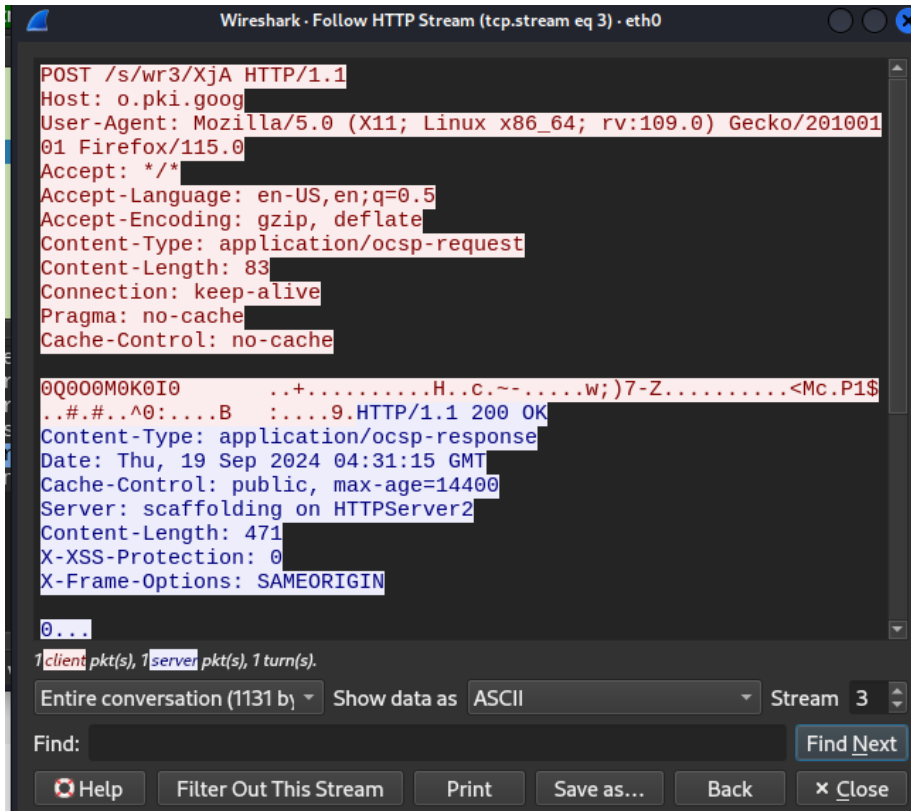
To enable domain names, I went to edit and preferences and selected “Name Resolution” on the window prompted. Then I checked the “Resolve network (IP) addresses option and I clicked “OK” to apply the setting.

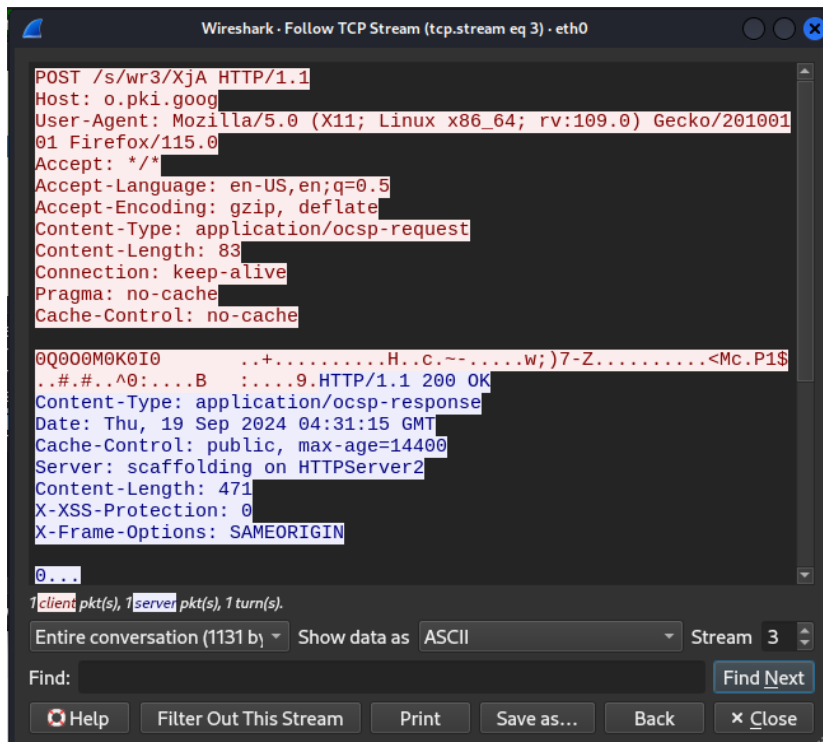


Then, I right clicked on a packet and selected “follow” and then “HTTP STREAM” and I did the same for “TLS STREAM”.

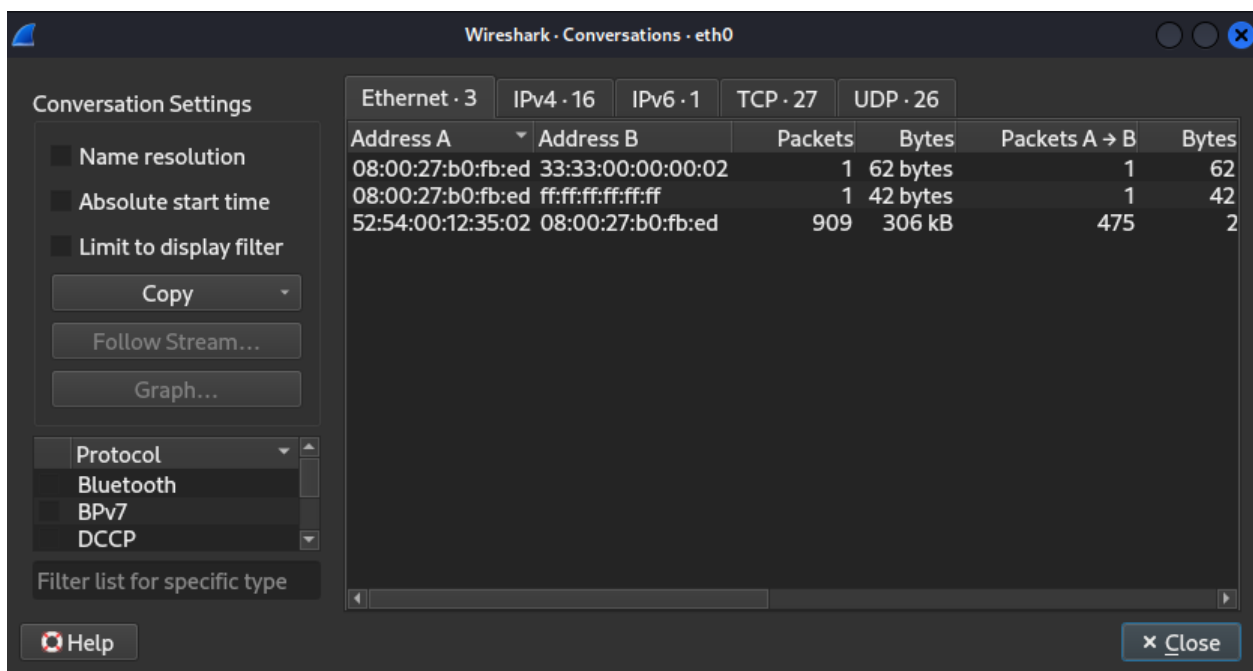


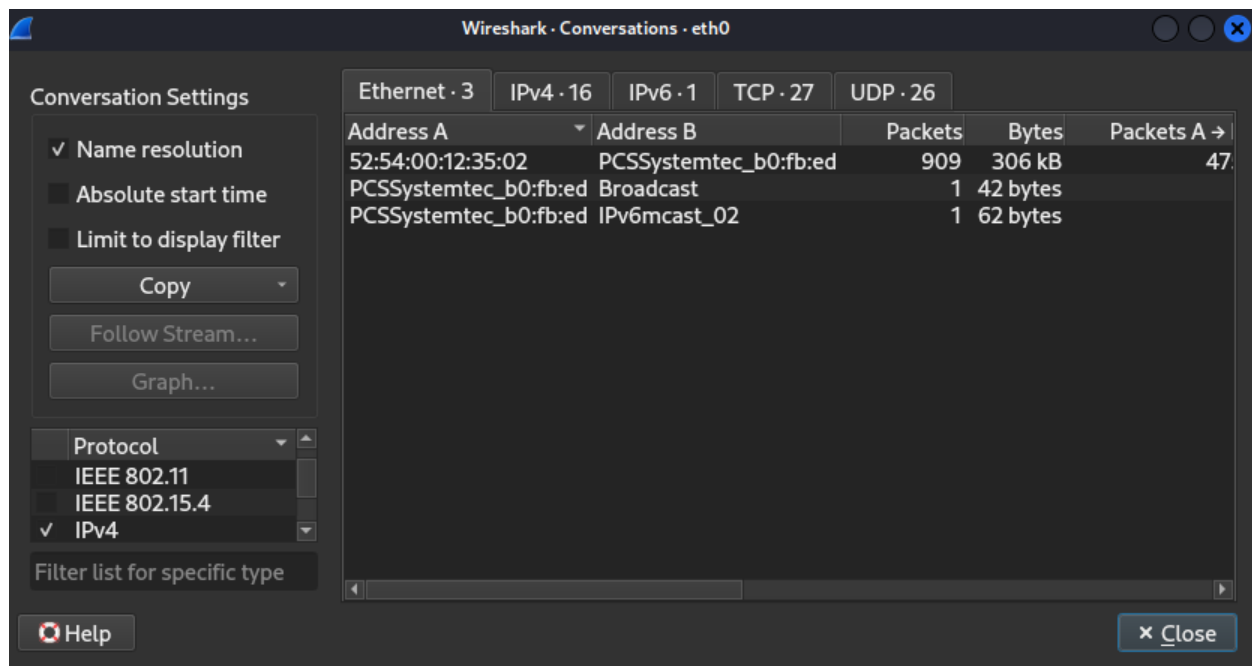
These stream windows opened and displayed the request (red text) and the response (blue text) and any subsequent related packets.





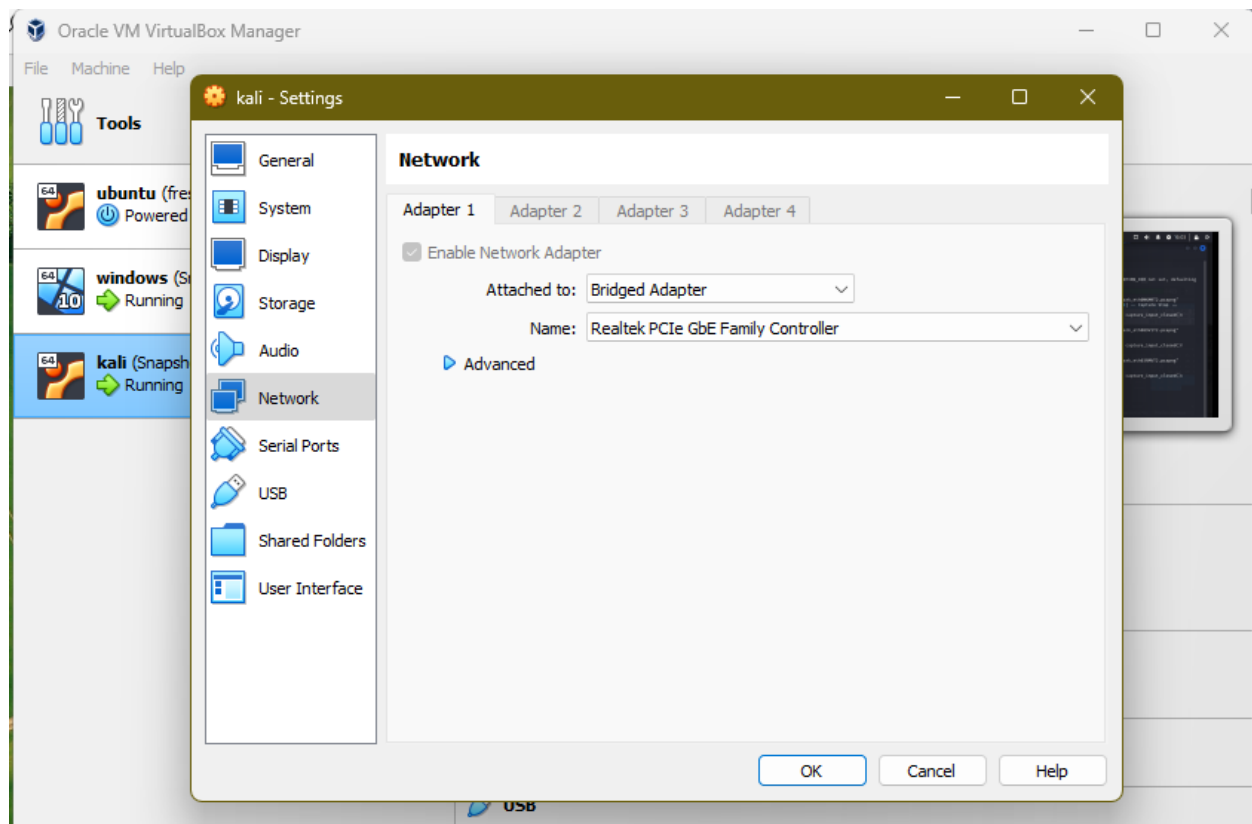
I then closed the stream and deleted the http and tls filter then pressed enter to display all the captured packets. Then I selected the “statistics” menu and chose “Conversations” I pressed the name “Name Resolution” option on the left menu and chose the IPV4 tab to observe the statistics from our connection to google.com.



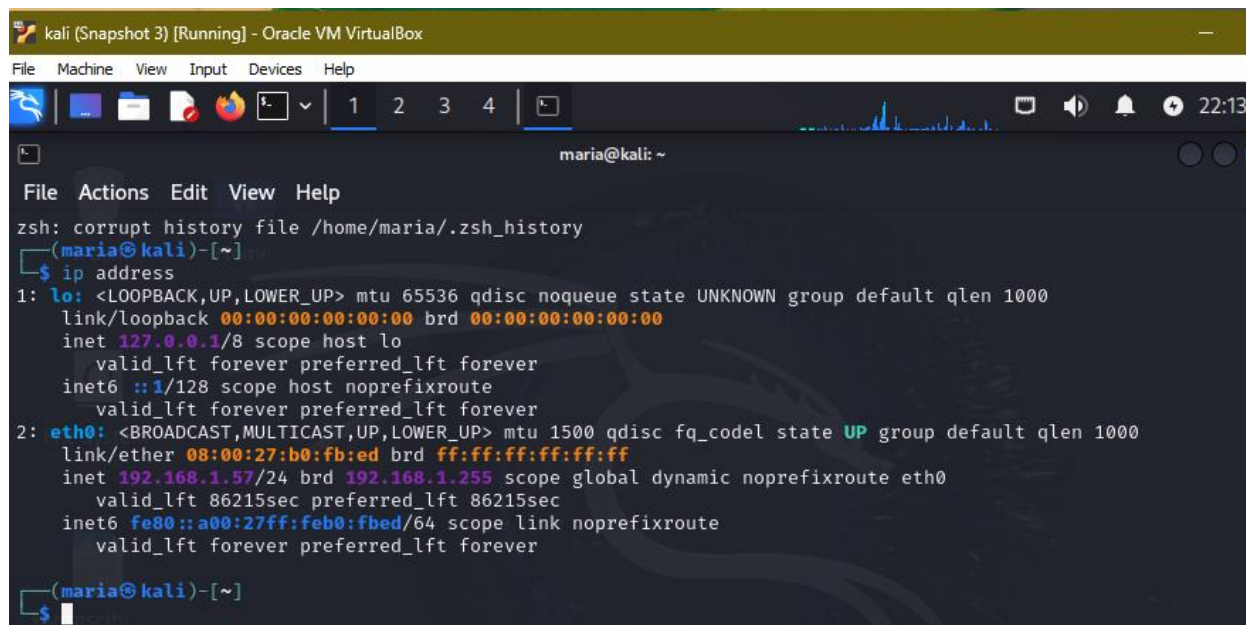


3.2 Network Utilities

In this exercise, I used my Windows and Kali VMs in the network bridge adapter mode.



On my Kali VM, I launched a terminal and ran the “ip” command to identify the IP address



The screenshot shows a terminal window titled "kali (Snapshot 3) [Running] - Oracle VM VirtualBox". The terminal prompt is "maria@kali: ~". The user has entered the command "ip address". The output shows details for the loopback interface "lo" and the ethernet interface "eth0".

```
zsh: corrupt history file /home/maria/.zsh_history
(maria@kali)~$ ip address
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:b0:fb:ed brd ff:ff:ff:ff:ff:ff
    inet 192.168.1.57/24 brd 192.168.1.255 scope global dynamic noprefixroute eth0
        valid_lft 86215sec preferred_lft 86215sec
    inet6 fe80::a00:27ff:feb0:fbcd/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
(maria@kali)~$
```

On my Windows VM, I launched the command “ipconfig” and identified the IP address.

```
CA: Command Prompt
Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\Users\maria>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::c162:b36c:5c55:13e2%4
    IPv4 Address. . . . . : 192.168.1.58
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1

C:\Users\maria>
```

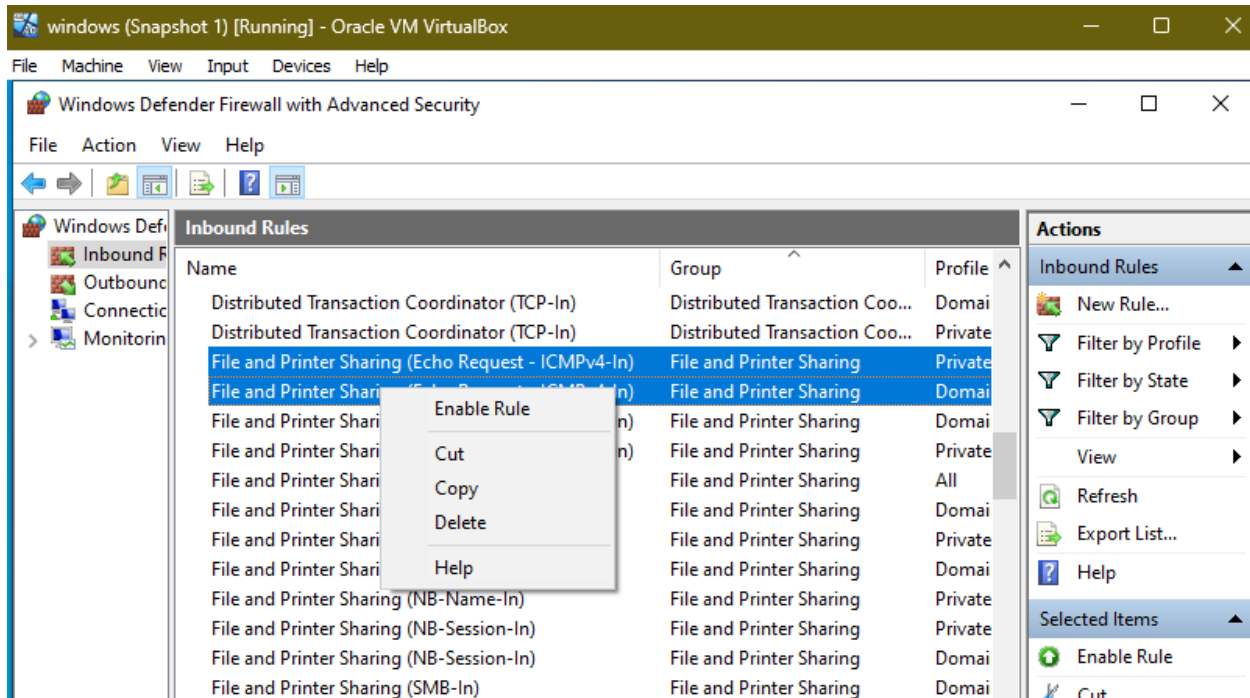
I demonstrated that the Kali and Windows VM can connect with each other by using a connectivity test using the ping utility that sends a message over the ICMP protocol. From the Kali VM I ping with a count (-c) of four packets targeting the windows IP address. I see that there is 100% packet loss.

```
(maria@kali)-[~]
$ ping -c 4 192.168.1.58
PING 192.168.1.58 (192.168.1.58) 56(84) bytes of data.

— 192.168.1.58 ping statistics —
4 packets transmitted, 0 received, 100% packet loss, time 3070ms

(maria@kali)-[~]
$
```

So, I launched the “Windows defender firewall with advanced security” application and selected “Inbound Rules”. And enabled the following in the screenshot.



I pinged the VMs to test the connectivity using the ICMP protocol to validate packets.

For windows I used the command “ping -c 4 <ip address>” and for Kali VM i used the “ping ip address” command. This time there was no packet loss.

```
(maria@kali)-[~]
$ ping -c 4 192.168.1.58
PING 192.168.1.58 (192.168.1.58) 56(84) bytes of data.
64 bytes from 192.168.1.58: icmp_seq=1 ttl=128 time=1.07 ms
64 bytes from 192.168.1.58: icmp_seq=2 ttl=128 time=0.623 ms
64 bytes from 192.168.1.58: icmp_seq=3 ttl=128 time=0.687 ms
64 bytes from 192.168.1.58: icmp_seq=4 ttl=128 time=0.599 ms

— 192.168.1.58 ping statistics —
4 packets transmitted, 4 received, 0% packet loss, time 3029ms
rtt min/avg/max/mdev = 0.599/0.743/1.066/0.188 ms

(maria@kali)-[~]
$
```

```
C:\Users\maria>ping 192.168.1.58

Pinging 192.168.1.58 with 32 bytes of data:
Reply from 192.168.1.58: bytes=32 time<1ms TTL=128
Reply from 192.168.1.58: bytes=32 time<1ms TTL=128
Reply from 192.168.1.58: bytes=32 time<1ms TTL=128
Reply from 192.168.1.58: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.58:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\maria>
```

From the Kali VM, I traced the route to Google's web servers using the "tracert google.com" command.

```

(maria@kali)-[~]
$ traceroute google.com
traceroute to google.com (142.250.191.46), 30 hops max, 60 byte packets
 1 192.168.1.1 (192.168.1.1) 1.301 ms 1.205 ms 1.136 ms
 2 100.93.87.195 (100.93.87.195) 17.366 ms 17.299 ms 17.934 ms
 3 po-309-345-rur201.stockton.ca.ccal.comcast.net (96.110.223.1) 16.713 ms po-309-346-rur202.stockton.ca.ccal.comcast.net (96.110.223.9) 16.644 ms 16.577 ms
 4 po-200-xar01.stockton.ca.ccal.comcast.net (96.216.129.205) 16.510 ms po-200-xar02.stockton.ca.ccal.comcast.net (96.216.129.89) 16.443 ms po-200-xar01.stockton.ca.ccal.comcast.net (96.216.129.205) 16.374 ms
 5 ae-28-ar01.fresno.ca.ccal.comcast.net (96.216.129.97) 19.323 ms ae-25-ar01.sacramento.ca.ccal.comcast.net (96.216.129.85) 20.280 ms ae-28-ar01.fresno.ca.ccal.comcast.net (96.216.129.97) 19.150 ms
 6 be-36441-cs04.sunnyvale.ca.ibone.comcast.net (96.110.41.109) 20.916 ms be-36431-cs03.sunnyvale.ca.ibone.comcast.net (96.110.41.105) 19.640 ms be-36421-cs02.sunnyvale.ca.ibone.comcast.net (96.110.41.101) 19.300 ms
 7 be-1312-cr12.sunnyvale.ca.ibone.comcast.net (96.110.46.30) 19.234 ms be-1412-cr12.sunnyvale.ca.ibone.comcast.net (96.110.46.42) 20.912 ms be-1212-cr12.sunnyvale.ca.ibone.comcast.net (96.110.46.18) 20.827 ms
 8 50.242.151.74 (50.242.151.74) 24.688 ms 96.87.11.174 (96.87.11.174) 25.694 ms be-302-cr12.9greateaks.ca.ibone.comcast.net (96.110.37.174) 20.628 ms
 9 be-2311-pe11.9greateaks.ca.ibone.comcast.net (96.110.32.250) 20.561 ms * *
10 74.125.252.74 (74.125.252.74) 25.835 ms 173.167.56.58 (173.167.56.58) 20.589 ms be-2111-pe11.9greateaks.ca.ibone.comcast.net (96.110.32.242) 20.179 ms
11 * * 142.250.208.114 (142.250.208.114) 96.483 ms
12 * * 142.251.70.104 (142.251.70.104) 21.223 ms
13 142.251.66.108 (142.251.66.108) 21.118 ms 142.251.68.55 (142.251.68.55) 34.803 ms 192.178.106.12 (192.178.106.12) 29.548 ms
14 142.251.65.127 (142.251.65.127) 28.469 ms 142.250.234.138 (142.250.234.138) 34.584 ms 192.178.105.76 (192.178.105.76) 34.516 ms
15 192.178.105.107 (192.178.105.107) 34.440 ms 172.253.64.169 (172.253.64.169) 21.452 ms 142.251.65.129 (142.251.65.129) 21.348 ms
16 nuq04s42-in-f14.1e100.net (142.250.191.46) 22.027 ms 142.251.65.127 (142.251.65.127) 26.869 ms 142.251.65.129 (142.251.65.129) 21.810 ms

(maria@kali)-[~]

```

From the Windows VM, I traced the route to Yahoo's server using the "tracert yahoo.com" command.

```

C:\Users\maria>tracert yahoo.com

Tracing route to yahoo.com [74.6.231.21]
over a maximum of 30 hops:

  0  <1 ms    <1 ms    <1 ms    192.168.1.1
  1  12 ms     11 ms     11 ms     100.93.87.194
  2  13 ms     11 ms     12 ms     po-309-345-rur201.stockton.ca.ccal.comcast.net [96.110.223.1]
  3  10 ms     16 ms     17 ms     po-200-xar01.stockton.ca.ccal.comcast.net [96.216.129.205]
  4  17 ms     18 ms     20 ms     ae-28-ar01.fresno.ca.ccal.comcast.net [96.216.129.97]
  5  *         *         *         Request timed out.
  6  *         *         *         Request timed out.
  7  56 ms     55 ms     52 ms     YAHOO-INC.ear3.Denver1.Level3.net [4.59.251.50]
  8  69 ms     66 ms     77 ms     ae-6.pat2.nez.yahoo.com [209.191.64.222]
  9  140 ms    65 ms     67 ms     et-0-1-1.msr1.ne1.yahoo.com [216.115.105.185]
10  68 ms     71 ms     69 ms     et-18-0-0.clr1-a-gdc.ne1.yahoo.com [98.138.97.23]
11  66 ms     65 ms     67 ms     lo0.fab4-2-gdc.ne1.yahoo.com [98.138.51.3]
12  67 ms     53 ms     65 ms     usw2-1-lbd.ne1.yahoo.com [98.138.97.157]
13  64 ms     63 ms     63 ms     media-router-fp74.prod.media.vip.ne1.yahoo.com [74.6.231.21]

Trace complete.

C:\Users\maria>

```

From both the Kali and Windows VM, I looked up Google's IP address using the "nslookup google.com" command.


```
(maria@kali)-[~]  
$ nslookup google.com  
Server:      192.168.1.1  
Address:     192.168.1.1#53  
  
Non-authoritative answer:  
Name:   google.com  
Address: 142.250.191.46  
Name:   google.com  
Address: 2607:f8b0:4005:80f::200e  
  
(maria@kali)-[~]  
$
```

```
C:\Users\maria>nslookup google.com  
Server:   UnKnown  
Address:  192.168.1.1  
  
Non-authoritative answer:  
Name:     google.com  
Addresses: 2607:f8b0:4005:80f::200e  
          142.250.191.46  
  
C:\Users\maria>
```

Here, I discovered which ports were open, services listening, and network connections made using the netstat command with the netstat -aon options on both VMs. I identified windows port 4 which carries a video signal using the DisplayPort protocol, charge connected devices and allow for data transfers at speeds beyond what simple USB can manage.

```
C:\Users\maria>netstat -aon
```

Active Connections

Proto	Local Address	Foreign Address	State	PID
TCP	0.0.0.0:135	0.0.0.0:0	LISTENING	884
TCP	0.0.0.0:445	0.0.0.0:0	LISTENING	4
TCP	0.0.0.0:5040	0.0.0.0:0	LISTENING	4716
TCP	0.0.0.0:7680	0.0.0.0:0	LISTENING	8604
TCP	0.0.0.0:49664	0.0.0.0:0	LISTENING	660
TCP	0.0.0.0:49665	0.0.0.0:0	LISTENING	508
TCP	0.0.0.0:49666	0.0.0.0:0	LISTENING	1140
TCP	0.0.0.0:49667	0.0.0.0:0	LISTENING	1412
TCP	0.0.0.0:49668	0.0.0.0:0	LISTENING	2544
TCP	0.0.0.0:49670	0.0.0.0:0	LISTENING	648
TCP	0.0.0.0:49673	0.0.0.0:0	LISTENING	2744
TCP	192.168.1.58:139	0.0.0.0:0	LISTENING	4
TCP	192.168.1.58:49688	40.83.240.146:443	ESTABLISHED	1504
TCP	192.168.1.58:49696	13.107.226.254:443	CLOSE_WAIT	5688
TCP	192.168.1.58:49776	40.83.240.146:443	ESTABLISHED	1504
TCP	192.168.1.58:50082	13.107.213.254:443	CLOSE_WAIT	5688
TCP	192.168.1.58:50085	23.62.46.146:443	CLOSE_WAIT	5688
TCP	192.168.1.58:50089	13.107.246.254:443	CLOSE_WAIT	5688
TCP	192.168.1.58:50094	23.62.46.69:443	CLOSE_WAIT	4676
TCP	192.168.1.58:50096	23.62.46.146:443	CLOSE_WAIT	4676
TCP	192.168.1.58:50099	184.27.199.184:443	CLOSE_WAIT	4676
TCP	192.168.1.58:50100	23.62.46.146:443	CLOSE_WAIT	4676
TCP	192.168.1.58:50101	104.108.64.165:443	CLOSE_WAIT	4676
TCP	:::135	:::0	LISTENING	884
TCP	:::445	:::0	LISTENING	4
TCP	:::7680	:::0	LISTENING	8604
TCP	:::49664	:::0	LISTENING	660
TCP	:::49665	:::0	LISTENING	508
TCP	:::49666	:::0	LISTENING	1140
TCP	:::49667	:::0	LISTENING	1412

```
(maria@kali)-[~]
```

```
$ netstat -aon
```

Active Internet connections (servers and established)

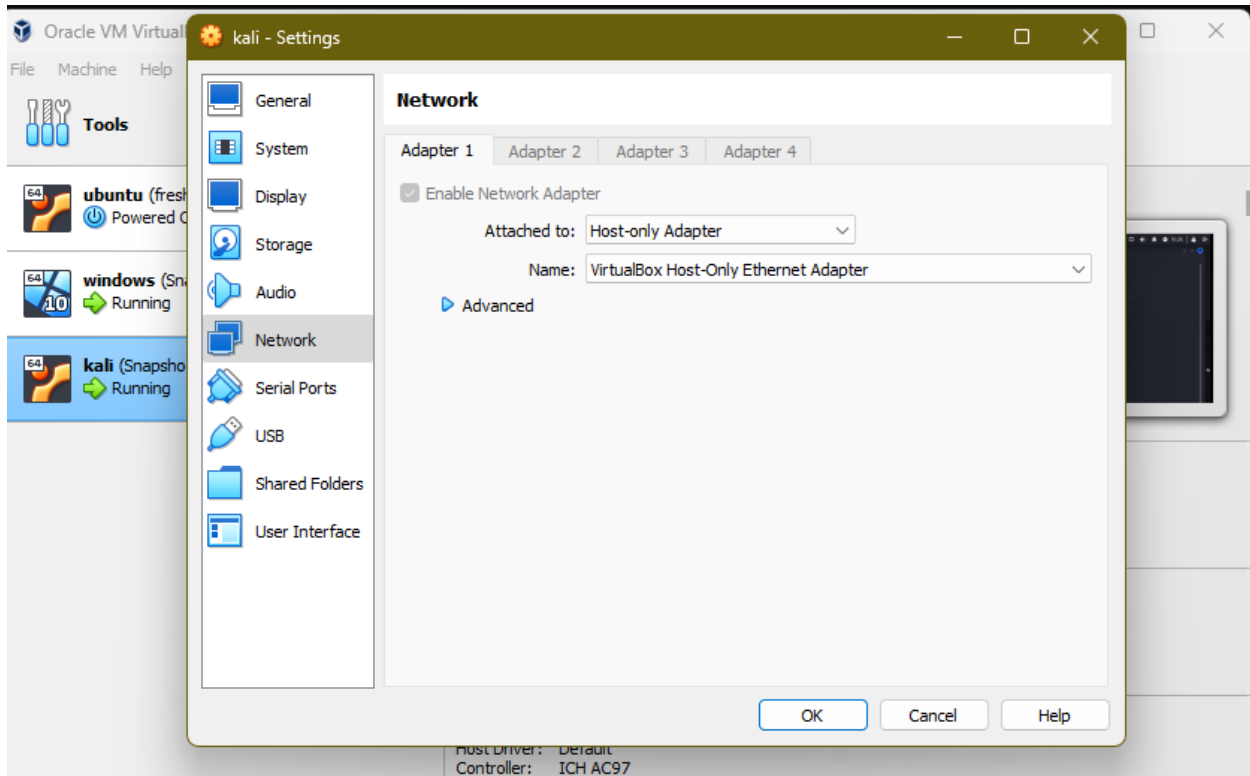
Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State	Timer
udp	0	0	192.168.1.57:68	192.168.1.1:67	ESTABLISHED	off (0.00/0/0)
raw6	0	0	:::58	:::*	7	off (0.00/0/0)

Active UNIX domain sockets (servers and established)

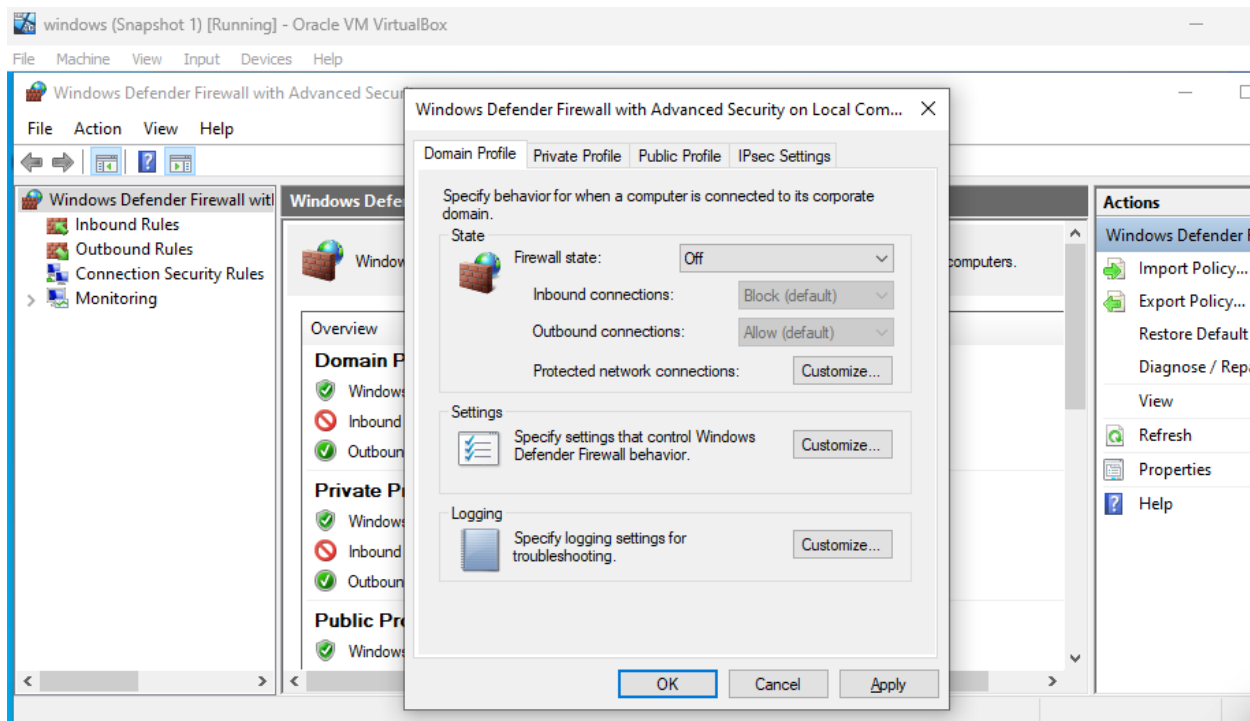
Proto	RefCnt	Flags	Type	State	I-Node	Path
unix	3	[]	STREAM	CONNECTED	8138	
unix	3	[]	STREAM	CONNECTED	8547	/run/systemd/journal/stdout
unix	3	[]	STREAM	CONNECTED	10412	
unix	3	[]	DGRAM	CONNECTED	4919	
unix	2	[]	DGRAM	CONNECTED	4877	
unix	3	[]	STREAM	CONNECTED	9147	
unix	3	[]	STREAM	CONNECTED	7681	/run/user/1000/pipewire-0-manager
unix	3	[]	STREAM	CONNECTED	8165	
unix	3	[]	STREAM	CONNECTED	8078	
unix	3	[]	STREAM	CONNECTED	8029	
unix	3	[]	STREAM	CONNECTED	10680	
unix	3	[]	STREAM	CONNECTED	9261	
unix	3	[]	STREAM	CONNECTED	9067	
unix	3	[]	STREAM	CONNECTED	7880	
unix	3	[]	STREAM	CONNECTED	10584	/run/user/1000/at-spi/bus_0
unix	3	[]	STREAM	CONNECTED	9188	
unix	3	[]	STREAM	CONNECTED	7675	/run/user/1000/bus
unix	3	[]	STREAM	CONNECTED	5693	
unix	3	[]	STREAM	CONNECTED	8899	@/tmp/.X11-unix/X0
unix	3	[]	STREAM	CONNECTED	10601	/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	10553	
unix	3	[]	STREAM	CONNECTED	7702	
unix	3	[]	STREAM	CONNECTED	6601	
unix	3	[]	STREAM	CONNECTED	8113	
unix	3	[]	STREAM	CONNECTED	8688	/run/dbus/system_bus_socket
unix	3	[]	STREAM	CONNECTED	8231	/run/systemd/journal/stdout

3.3 Host and Service Discovery

In this exercise, I set both my VMs to “host-only adapter”.



In the Windows VM, I opened the “Windows Defender Firewall with Advanced Security”, selected the properties and set the firewall state to off for each profile tab.



I checked the IP addresses of the Kali and Windows VM for reference and ensured each had a unique IP address in the subnet of each. On the Windows VM, I opened a command prompt and inserted “ipconfig” command and withing the Kali terminal I inserted the “ip a” command.

```
C:\> Command Prompt

Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\Users\maria>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::c162:b36c:5c55:13e2%4
    IPv4 Address. . . . . : 10.0.2.15
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 10.0.2.2

C:\Users\maria>
```

```
(maria@kali)-[~/Desktop]
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group def
  ault qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP g
  roup default qlen 1000
    link/ether 08:00:27:b0:fb:ed brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute eth0
        valid_lft 85680sec preferred_lft 85680sec
    inet6 fe80::a00:27ff:feb0:fbcd/64 scope link noprefixroute
        valid_lft forever preferred_lft forever

(maria@kali)-[~/Desktop]
$
```

I discovered the Windows VM from the Kali VM using NMAP ping sweep. From the Kali terminal, I ran the command “nmap -sn”

```
(maria@kali)-[~/Desktop]
$ nmap -sn 10.0.2.15/24
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-09-19 00:35 PDT
Nmap scan report for 10.0.2.15
Host is up (0.0012s latency).
Nmap done: 256 IP addresses (1 host up) scanned in 4.08 seconds

(maria@kali)-[~/Desktop]
$
```

I scanned the open ports and services of the IP address (Windows) discovered during the Ping Sweep. I did this by running the “nmap -sT -sV -p-” command in the Kali terminal.

```
(maria@kali)-[~/Desktop]
$ nmap -sT 10.0.2.15
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-09-19 00:42 PDT
Nmap scan report for 10.0.2.15
Host is up (0.00020s latency).
All 1000 scanned ports on 10.0.2.15 are in ignored states.
Not shown: 1000 closed tcp ports (conn-refused)

Nmap done: 1 IP address (1 host up) scanned in 0.05 seconds

(maria@kali)-[~/Desktop]
$
```

```
(maria@kali)-[~/Desktop]
$ nmap -p 999 10.0.2.15
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-09-19 00:51 PDT
Nmap scan report for 10.0.2.15
Host is up (0.000065s latency).

PORT      STATE SERVICE
999/tcp   closed garcon

Nmap done: 1 IP address (1 host up) scanned in 0.02 seconds
```

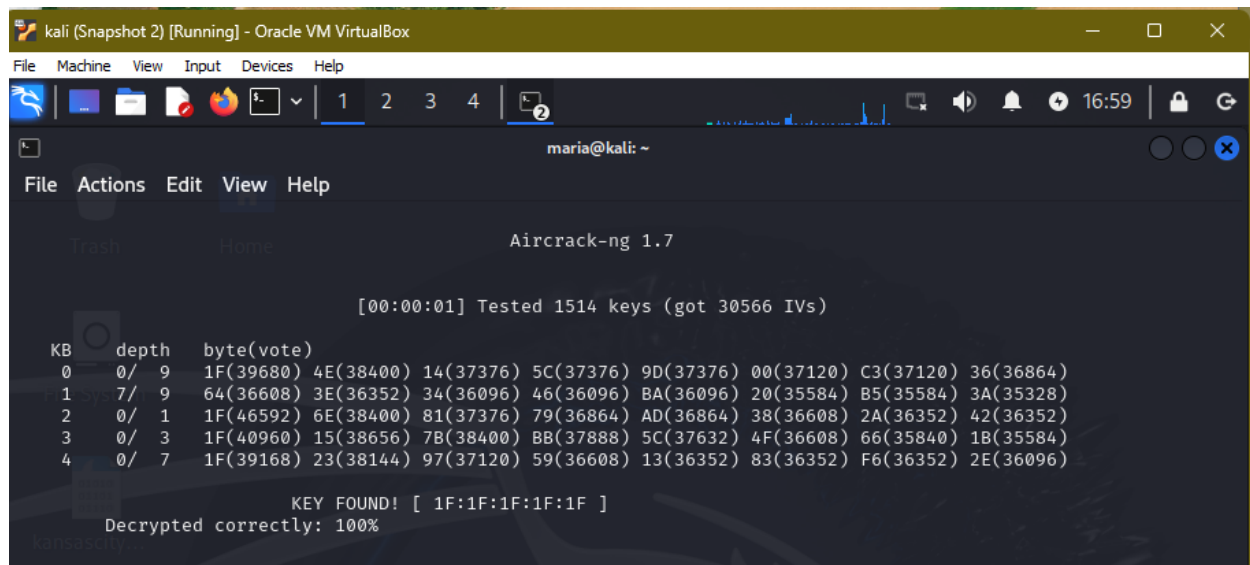
```
(maria@kali)-[~/Desktop]
$ sudo nmap -sV -O -p 555,666 10.0.2.15
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-09-19 00:58 PDT
Nmap scan report for 10.0.2.15
Host is up (0.000048s latency).

PORT      STATE SERVICE VERSION
555/tcp   closed dsf
666/tcp   closed doom
Too many fingerprints match this host to give specific OS details
Network Distance: 0 hops

OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 1.85 seconds
```

3.4 Wi-Fi WEP Cracking

In this exercise, I downloaded the kansascityWEP.pcap to the desktop of the Kali VM. I launched the terminal and cracked the WEP encryption using air crack-ng and observed the cracked encryption key.



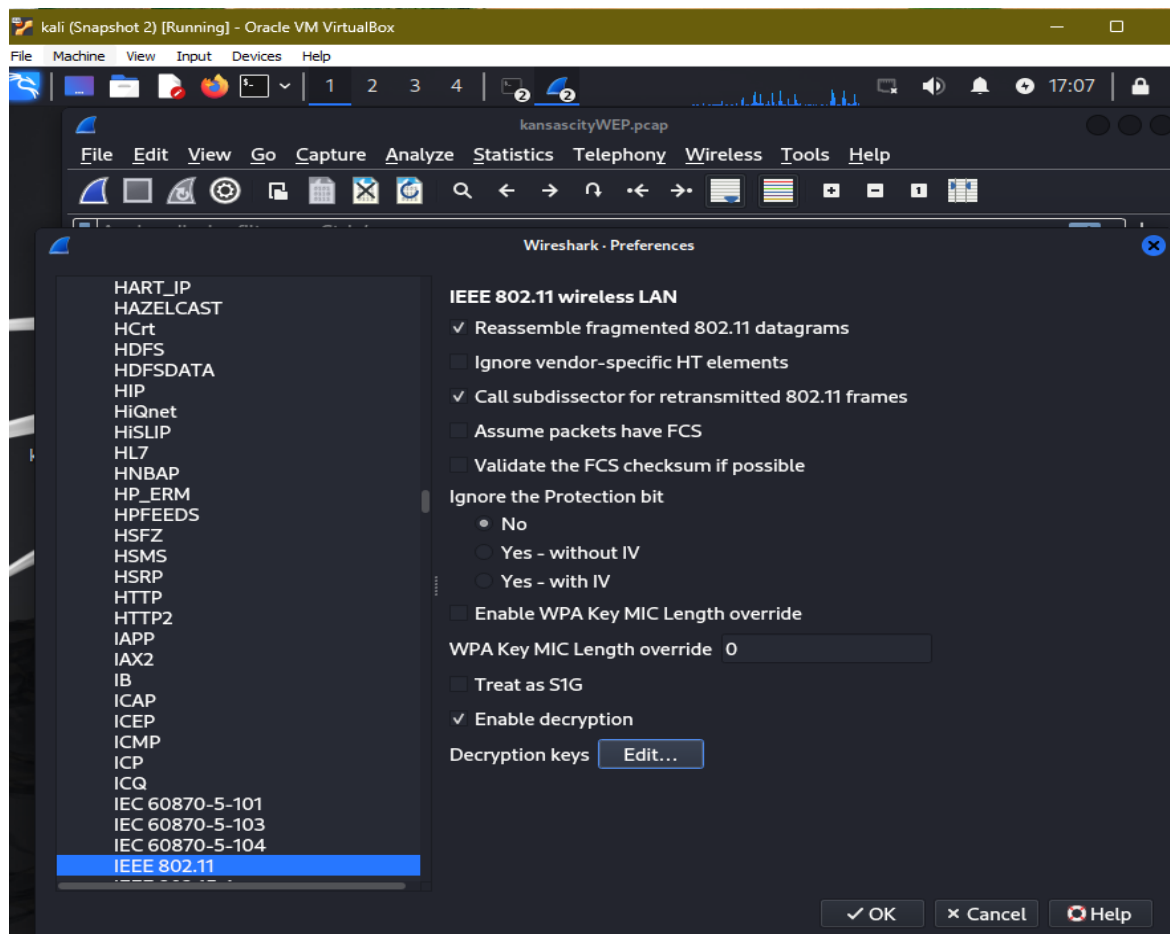
```
kali (Snapshot 2) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
1 2 3 4
maria@kali: ~
File Actions Edit View Help
Trash Home Aircrack-ng 1.7

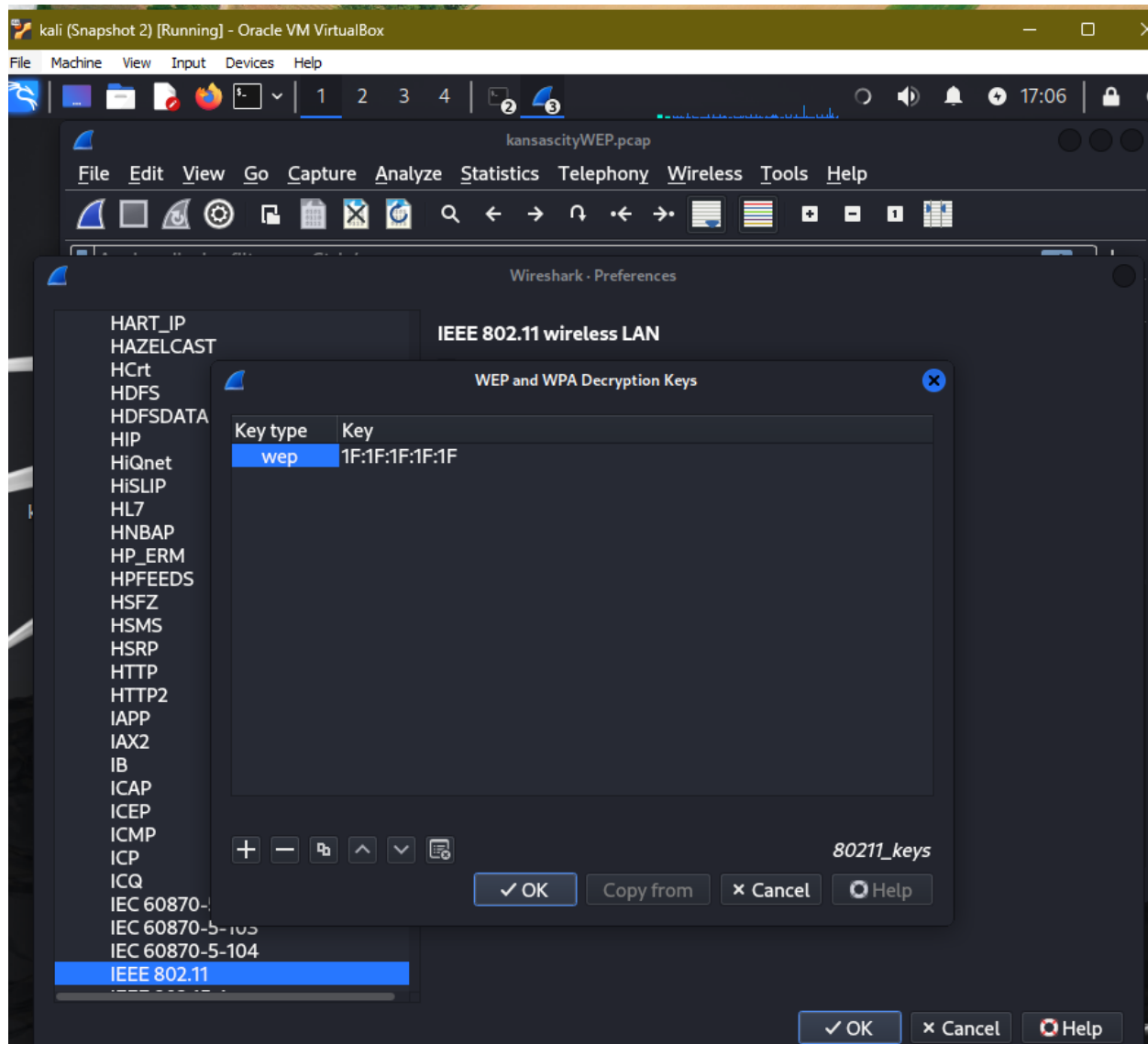
[00:00:01] Tested 1514 keys (got 30566 IVs)

KB depth byte(vote)
0 0/ 9 1F(39680) 4E(38400) 14(37376) 5C(37376) 9D(37376) 00(37120) C3(37120) 36(36864)
1 7/ 9 64(36608) 3E(36352) 34(36096) 46(36096) BA(36096) 20(35584) B5(35584) 3A(35328)
2 0/ 1 1F(46592) 6E(38400) 81(37376) 79(36864) AD(36864) 38(36608) 2A(36352) 42(36352)
3 0/ 3 1F(40960) 15(38656) 7B(38400) 8B(37888) 5C(37632) 4F(36608) 66(35840) 1B(35584)
4 0/ 7 1F(39168) 23(38144) 97(37120) 59(36608) 13(36352) 83(36352) F6(36352) 2E(36096)

KEY FOUND! [ 1F:1F:1F:1F ]
Decrypted correctly: 100%
```

After cracking the encryption key, I launched Wireshark. I opened the kansascityWEP.pcap file in Wireshark and enabled the Wireless toolbar. Then I selected enable decryption and added the decryption key in the key field.





kali (Snapshot 2) [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

kansascityWEP.pcap

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/>

Interface Channel 802.11 Preferences

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000		3Com_a1:a0:4c (00:0...	802.11	10	Acknow
2	0.000001	3Com_a1:a0:4c	Broadcast	ARP	86	Who has
3	0.000001		3Com_a1:a0:4c (00:0...	802.11	10	Acknow
4	0.000002	3Com_a1:a0:4c	Broadcast	ARP	86	Who has
5	0.000513		3Com_a1:a0:4c (00:0...	802.11	10	Acknow
6	0.001025	3Com_a1:a0:4c	Broadcast	ARP	86	Who has
7	0.003074		3Com_a1:a0:4c (00:0...	802.11	10	Acknow
8	0.003074	3Com_a1:a0:4c	Broadcast	ARP	86	Who has
9	0.005634		3Com_a1:a0:4c (00:0...	802.11	10	Acknow
10	0.006146	3Com_a1:a0:4c	Broadcast	ARP	86	Who has
11	0.008706		3Com_a1:a0:4c (00:0...	802.11	10	Acknow

Frame 4: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 0
IEEE 802.11 Data, Flags: .p...F.
Logical-Link Control
Address Resolution Protocol (request)
Hardware type: Ethernet (1)
Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: request (1)
Sender MAC address: ASUSTekCOMPU_6b:fb:69 (00:0e:a6:6b:fb:69)
Sender IP address: 172.16.0.1
Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)
Target IP address: 172.16.0.240

Decrypted WEP data (54 bytes)

kansascityWEP.pcap Packets: 65282 · Displayed: 65282 (100.0%) Profile: Default