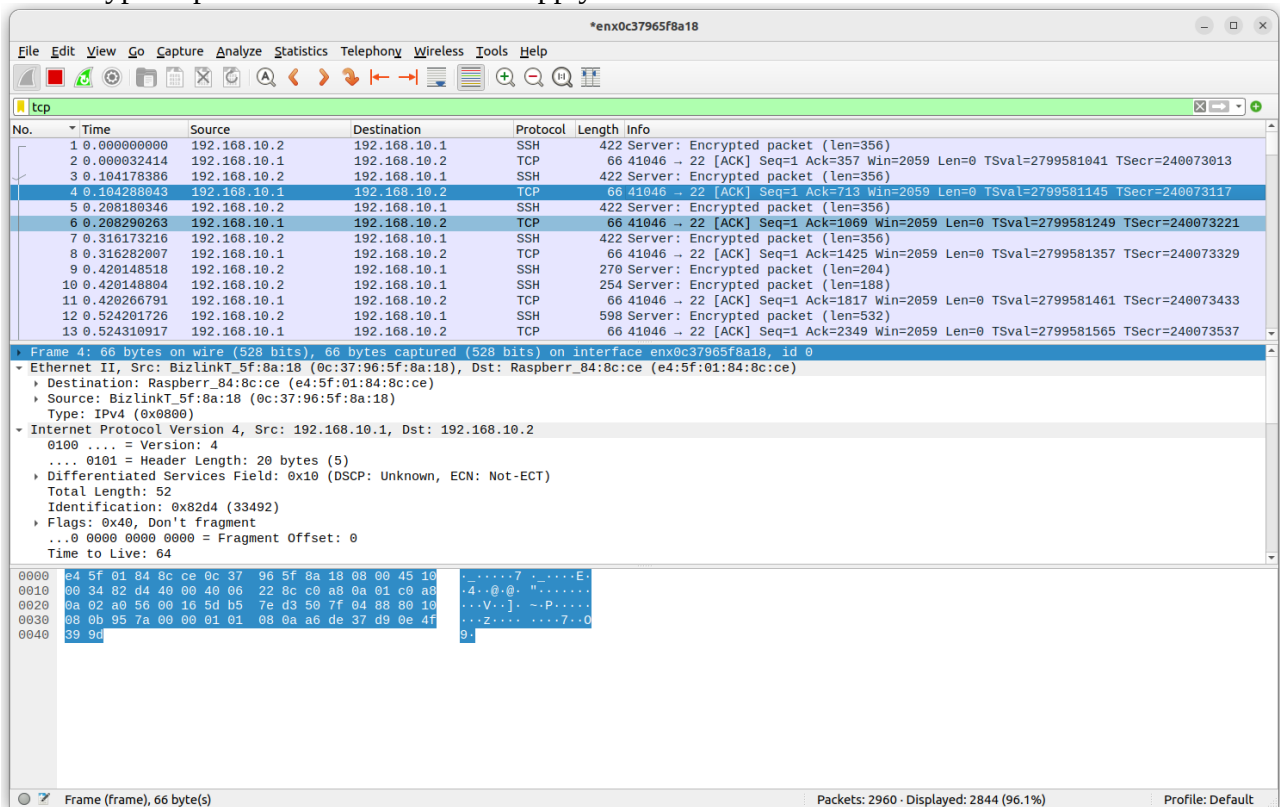


Traffic Capture

Ethernet

I see packets captured, there are some repeating packets of "standard query" http traffic

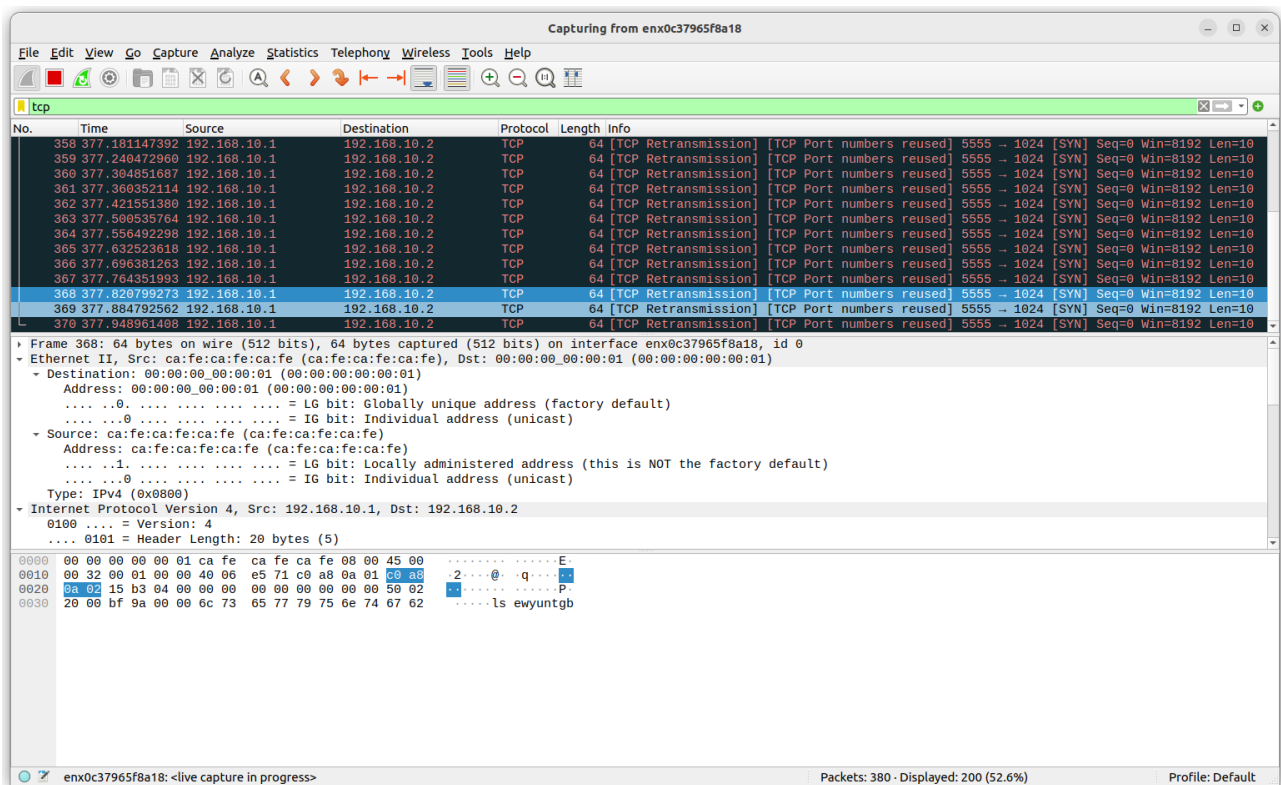
type http in the filter bracket and apply



Filter: !(udp.port == 53) && udp filter out DNS message and show only udp packets

Packet size is 64 bytes

Protocol used is UDP



```

Open  [+] send.py ~/CWM-ProgNets/assignment1 Save [≡] [—] [□] [×]

1#!/usr/bin/python
2
3from scapy.all import Ether, IP, sendp, get_if_hwaddr, get_if_list, TCP, Raw, UDP
4import sys
5import random, string
6
7
8def randomword(length):
9    return ''.join(random.choice(string.ascii_lowercase) for i in range(length))
10
11def send_random_traffic(num_packets, interface, src_ip, dst_ip):
12    dst_mac = "00:00:00:00:00:01"
13    src_mac = "CA:FE:CA:FE:CA:FE"
14    total_pkts = 0
15    port = 1024
16    for i in range(num_packets):
17        data = randomword(458)
18        p = Ether(dst=dst_mac,src=src_mac)/IP(dst=dst_ip,src=src_ip)
19        p = p/TCP(sport=5555, dport=port)/Raw(load=data)
20        sendp(p, iface = interface, inter = 0.01)
21        # If you want to see the contents of the packet, uncomment the line below
22        # print(p.show())
23        total_pkts += 1
24    print("Sent %s packets in total" % total_pkts)
25
26if __name__ == '__main__':
27    if len(sys.argv) < 5:
28        print("Usage: python send.py number_of_packets interface_name src_ip_address dst_ip_address")
29        sys.exit(1)
30    else:
31        num_packets = sys.argv[1]
32        interface = sys.argv[2]
33        src_ip = sys.argv[3]
34        dst_ip = sys.argv[4]
35        send_random_traffic(int(num_packets), interface, src_ip, dst_ip)

Python 2  Tab Width: 8  Ln 17, Col 34  INS

```

<https://github.com/hANK522/CWM-ProgNets/tree/main/assignment1>

