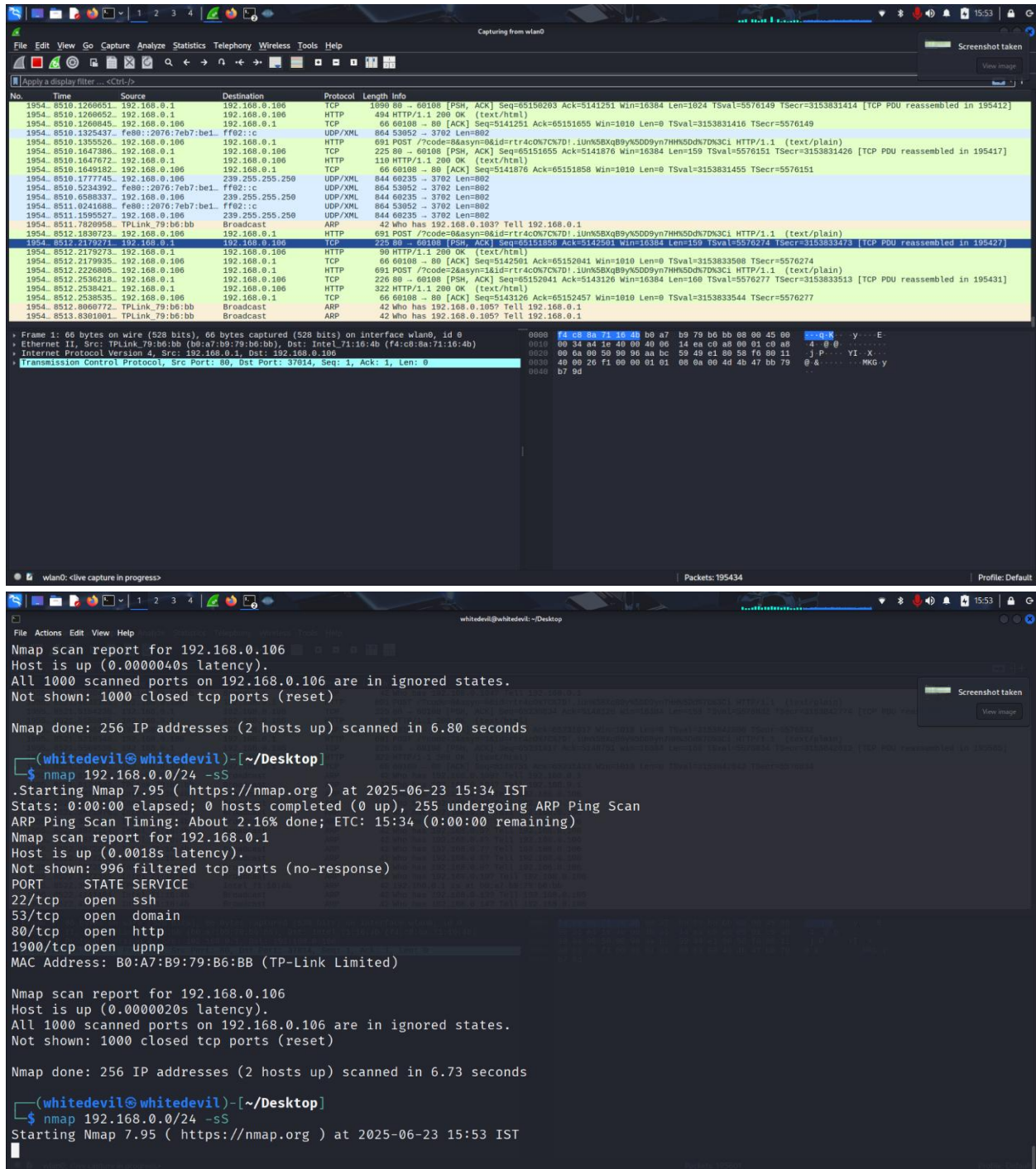This is a screenshot of the packets that I captured using wireshark on my local network (router).

Now As Soon as I start the nmap scanner using the above command shown in the screenshot I observed that there are a lot of TCP SYN packets being transmitted from my laptop (ip – 192.168.0.6) to the router (ip-192.168.0.1), which stops after the nmap scan in finished.

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

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

No.	Time	Source	Destination	Protocol	Length	Info
1962..	8525.5947069..	192.168.0.106	192.168.0.1	TCP	58	43523 → 1723 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5947161..	192.168.0.106	192.168.0.1	TCP	58	43523 → 3389 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5947250..	192.168.0.106	192.168.0.1	TCP	58	43523 → 587 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968461..	192.168.0.106	192.168.0.1	TCP	58	43523 → 2809 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968525..	192.168.0.106	192.168.0.1	TCP	58	43523 → 1165 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968566..	192.168.0.106	192.168.0.1	TCP	58	43523 → 8994 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968607..	192.168.0.106	192.168.0.1	TCP	58	43523 → 4443 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968646..	192.168.0.106	192.168.0.1	TCP	58	43523 → 16001 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968683..	192.168.0.106	192.168.0.1	TCP	58	43523 → 873 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968719..	192.168.0.106	192.168.0.1	TCP	58	43523 → 16080 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968755..	192.168.0.106	192.168.0.1	TCP	58	43523 → 18988 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968787..	192.168.0.106	192.168.0.1	TCP	58	43523 → 44443 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968821..	192.168.0.106	192.168.0.1	TCP	58	43523 → 901 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968857..	192.168.0.106	192.168.0.1	TCP	58	43523 → 8084 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968891..	192.168.0.106	192.168.0.1	TCP	58	43523 → 1085 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968928..	192.168.0.106	192.168.0.1	TCP	58	43523 → 9091 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5968966..	192.168.0.106	192.168.0.1	TCP	58	43523 → 1110 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5969001..	192.168.0.106	192.168.0.1	TCP	58	43523 → 1054 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5969041..	192.168.0.106	192.168.0.1	TCP	58	43523 → 34572 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5969081..	192.168.0.106	192.168.0.1	TCP	58	43523 → 6101 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5969130..	192.168.0.106	192.168.0.1	TCP	58	43523 → 3527 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5969166..	192.168.0.106	192.168.0.1	TCP	58	43523 → 765 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5969200..	192.168.0.106	192.168.0.1	TCP	58	43523 → 2522 [SYN] Seq=0 Win=1024 Len=0 MSS=1460
1962..	8525.5969241..	192.168.0.106	192.168.0.1	TCP	58	43523 → 2638 [SYN] Seq=0 Win=1024 Len=0 MSS=1460

▶ Frame 1: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface wlan0, id 0
▶ Ethernet II, Src: TPLink_79:b6:bb (b0:a7:b9:79:b6:bb), Dst: Intel_71:16:4b (f4:c8:8a:71:16:4b)
▶ Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.106
▶ Transmission Control Protocol, Src Port: 80, Dst Port: 37014, Seq: 1, Ack: 1, Len: 0

```
0000  f4 c8 8a 71 16 4b b0 a7  b9 79 b6 bb 08 00 45 00   ···q·K·· ·y····E·
0010  00 34 a4 1e 40 00 40 06  14 ea c0 a8 00 01 c0 a8   ·4··@·@· ········
0020  00 6a 00 50 90 96 aa bc  59 49 e1 80 58 f6 80 11   ·j·P···· YI··X···
0030  40 00 26 f1 00 00 01 01  08 0a 00 4d 4b 47 bb 79   @·&····· ···MKG·y
0040  b7 9d                                              ··
```

● ▪ wlan0: <live capture in progress> | Packets: 196257 | Profile: Default

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File Actions Edit View Help

```
80/tcp   open  http
1900/tcp open  upnp
MAC Address: B0:A7:B9:79:B6:BB (TP-Link Limited)

Nmap scan report for 192.168.0.106
Host is up (0.0000020s latency).
All 1000 scanned ports on 192.168.0.106 are in ignored states.
Not shown: 1000 closed tcp ports (reset)

Nmap done: 256 IP addresses (2 hosts up) scanned in 6.73 seconds


┌──(whitedevil㉿whitedevil)-[~/Desktop]
└─$ nmap 192.168.0.0/24 -sS
Starting Nmap 7.95 ( https://nmap.org ) at 2025-06-23 15:53 IST
Nmap scan report for 192.168.0.1
Host is up (0.0022s latency).
Not shown: 996 filtered tcp ports (no-response)
PORT     STATE SERVICE
22/tcp   open  ssh
53/tcp   open  domain
80/tcp   open  http
1900/tcp open  upnp
MAC Address: B0:A7:B9:79:B6:BB (TP-Link Limited)

Nmap scan report for 192.168.0.106
Host is up (0.0000010s latency).
All 1000 scanned ports on 192.168.0.106 are in ignored states.
Not shown: 1000 closed tcp ports (reset)

Nmap done: 256 IP addresses (2 hosts up) scanned in 6.54 seconds


┌──(whitedevil㉿whitedevil)-[~/Desktop]
└─$ █
```