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```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i any
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on any, link-type LINUX_SLL (Linux cooked), capture size 262144 bytes
10:53:22.500761 ARP, Request who-has 192.168.3.115 tell 192.168.3.187, length 46
10:53:22.501711 IP localhost.42023 > localhost.domain: 57649+ [1au] PTR? 115.3.168.192.in-addr.arpa. (55)
10:53:22.502229 IP apsit-HP-280-Pro-G6-Microtower-PC.43643 > _gateway.domain: 36489+ PTR? 115.3.168.192.in-addr.arpa. (44)
10:53:22.513309 IP 192.168.69.197 > mdns.mcast.net: igmp v2 report mdns.mcast.net
10:53:22.519200 ARP, Request who-has 192.168.15.186 tell 192.168.4.148, length 46
10:53:22.526999 ARP, Request who-has 192.168.100.236 tell 192.168.3.94, length 46
10:53:28.527118 IP localhost.60086 > localhost.domain: 20656+ [1au] PTR? 53.0.0.127.in-addr.arpa. (52)
10:53:52.673782 ARP, Request who-has 192.168.110.8 tell 192.168.4.160, length 46
10:53:52.674857 IP localhost.34620 > localhost.domain: 31654+ [1au] PTR? 8.110.168.192.in-addr.arpa. (55)
10:53:52.674453 IP apsit-HP-280-Pro-G6-Microtower-PC.45208 > _gateway.domain: 20024+ PTR? 8.110.168.192.in-addr.arpa. (44)
10:53:52.676546 IP 192.168.8.120.mdns > mdns.mcast.net.mdns: 0*- [0q] 1/0/4 (Cache flush) SRV Android-4.local.:8009 0 0 (166)
10:53:52.676859 IP6 fe80::c18c:853b:dbcf:4407.mdns > ff02::fb.mdns: 0*- [0q] 1/0/4 (Cache flush) SRV Android-4.local.:8009 0 0 (166)
10:53:52.686180 IP 192.168.2.219.mdns > mdns.mcast.net.mdns: 0 SRV (QM)? BytelloShare1146._googlecast._tcp.local. (57)
10:53:58.711938 IP localhost.59504 > localhost.domain: 54513+ [1au] PTR? 120.8.168.192.in-addr.arpa. (55)
10:53:58.712274 IP apsit-HP-280-Pro-G6-Microtower-PC.50924 > _gateway.domain: 1088+ PTR? 120.8.168.192.in-addr.arpa. (44)
10:53:58.714015 IP 192.168.3.184.mdns > mdns.mcast.net.mdns: 0*- [0q] 1/0/4 (Cache flush) SRV Android-90.local.:8009 0 0 (167)
10:54:07.770939 IP localhost.49859 > localhost.domain: 4161+ [1au] PTR? 184.3.168.192.in-addr.arpa. (55)
10:54:07.771273 IP apsit-HP-280-Pro-G6-Microtower-PC.40649 > _gateway.domain: 30603+ PTR? 184.3.168.192.in-addr.arpa. (44)
^C10:54:07.774403 IP 192.168.91.11.mdns > mdns.mcast.net.mdns: 0 [4a] [4q] SRV (QM)? HP LaserJet Tank 1020w (F4D819)._ipps._tcp.local. AAAA (Q
M)? NP1F4D819.local. A (QM)? NP1F4D819.local. TXT (QM)? HP LaserJet Tank 1020w (F4D819)._ipps._tcp.local. (718)

19 packets captured
13750 packets received by filter
13714 packets dropped by kernel
```

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 -c5
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
11:02:01.466936 ARP, Request who-has 192.168.7.98 tell 192.168.3.126, length 46
11:02:01.468269 ARP, Request who-has 192.168.7.120 tell 192.168.5.122, length 46
11:02:01.468295 IP apsit-HP-280-Pro-G6-Microtower-PC.51013 > _gateway.domain: 62139+ PTR? 98.7.168.192.in-addr.arpa. (43)
11:02:01.468988 ARP, Request who-has 192.168.7.121 tell 192.168.5.122, length 46
11:02:01.475242 ARP, Request who-has 192.168.80.16 tell 192.168.3.230, length 46
5 packets captured
8429 packets received by filter
8418 packets dropped by kernel
```

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 tcp
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
11:03:37.828438 IP apsit-HP-280-Pro-G6-Microtower-PC.43364 > _gateway.8090: Flags [F.], seq 4145486300, ack 3842155602, win 501, length 0
11:03:43.545751 IP 11.206.47.34.bc.googleusercontent.com.5223 > 192.168.5.107.58935: Flags [F.], seq 247703502, ack 284710934, win 33, length 0
11:03:47.026815 IP 129.227.192.35.http-alt > 192.168.6.245.40738: Flags [F.], seq 247703502, ack 284710934, win 33, length 0
11:03:51.140701 IP apsit-HP-280-Pro-G6-Microtower-PC.43364 > _gateway.8090: Flags [F.], seq 0, ack 1, win 501, length 0
11:04:13.756496 IP 11.206.47.34.bc.googleusercontent.com.5223 > 192.168.5.107.58935: Flags [R.], seq 1, ack 1, win 494, options [nop,nop,TS va
l 2265261213 ecr 1436493573], length 0
11:04:19.300730 IP apsit-HP-280-Pro-G6-Microtower-PC.43304 > sl-in-f188.1e100.net.5228: Flags [F.], seq 2763095602, win 501, options [nop,nop,T
S val 213616246 ecr 2884211588], length 0
11:04:19.300753 IP apsit-HP-280-Pro-G6-Microtower-PC.43364 > _gateway.8090: Flags [F.], seq 0, ack 1, win 501, length 0
11:04:19.300756 IP apsit-HP-280-Pro-G6-Microtower-PC.43302 > sl-in-f188.1e100.net.5228: Flags [F.], seq 354421413, win 501, options [nop,nop,TS
val 213616246 ecr 3302764561], length 0
11:04:19.361197 IP sl-in-f188.1e100.net.5228 > apsit-HP-280-Pro-G6-Microtower-PC.43304: Flags [F.], seq 2763095602, win 501, options [nop,nop,TS val 28
84258635 ecr 213207462], length 0
11:04:19.361199 IP sl-in-f188.1e100.net.5228 > apsit-HP-280-Pro-G6-Microtower-PC.43302: Flags [F.], seq 354421413, win 501, options [nop,nop,TS val 33
02811608 ecr 213207305], length 0
11:04:24.848803 IP _gateway.8090 > apsit-HP-280-Pro-G6-Microtower-PC.53182: Flags [F.], seq 2573759027, ack 3786873375, win 237, length 0
11:04:24.892491 IP apsit-HP-280-Pro-G6-Microtower-PC.53182 > _gateway.8090: Flags [F.], seq 1, win 501, length 0
11:04:26.892676 IP pnbomb-az-in-f14.1e100.net.https > 192.168.3.241.59108: Flags [P.], seq 1543060196:1543060269, ack 1761447985, win 332, len
gth 73
11:04:28.940673 IP dns.google.https > 192.168.3.241.58850: Flags [P.], seq 2770933859:2770933932, ack 3106369251, win 1502, length 73
^C
14 packets captured
14 packets received by filter
0 packets dropped by kernel
1 packet dropped by interface
```

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 src 192.168.86.29
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
11:08:01.873842 IP apsit-HP-280-Pro-G6-Microtower-PC.netbios-dgm > 192.168.255.255.netbios-dgm: UDP, length 216
11:08:01.875211 IP apsit-HP-280-Pro-G6-Microtower-PC.34940 > _gateway.domain: 40812+ PTR? 255.255.168.192.in-addr.arpa. (46)
11:08:02.651689 IP apsit-HP-280-Pro-G6-Microtower-PC.34940 > _gateway.domain: 40812+ PTR? 255.255.168.192.in-addr.arpa. (46)
11:08:03.876719 IP apsit-HP-280-Pro-G6-Microtower-PC.netbios-dgm > 192.168.255.255.netbios-dgm: UDP, length 216
11:08:04.401840 IP apsit-HP-280-Pro-G6-Microtower-PC.34940 > _gateway.domain: 40812+ PTR? 255.255.168.192.in-addr.arpa. (46)
11:08:04.620498 IP apsit-HP-280-Pro-G6-Microtower-PC.43304 > sl-in-f188.1e100.net.5228: Flags [F.], seq 2763095602, win 501, options [nop,nop,T
S val 213841566 ecr 2884438888], length 0
11:08:04.620508 IP apsit-HP-280-Pro-G6-Microtower-PC.43302 > sl-in-f188.1e100.net.5228: Flags [F.], seq 354421413, win 501, options [nop,nop,TS
val 213841566 ecr 3302991862], length 0
11:08:07.904585 IP apsit-HP-280-Pro-G6-Microtower-PC.52803 > _gateway.domain: 26584+ PTR? 193.192.168.192.in-addr.arpa. (46)
11:08:10.924003 IP apsit-HP-280-Pro-G6-Microtower-PC.55058 > _gateway.domain: 18373+ PTR? 188.118.253.172.in-addr.arpa. (46)
11:08:14.567038 IP apsit-HP-280-Pro-G6-Microtower-PC.mdns > mdns.mcast.net.mdns: 0 [1a] [2q] SRV (QM)? Canon iR2224 (fe:bd:c3)._ipp._tcp.local
. TXT (QM)? Canon iR2224 (fe:bd:c3)._ipp._tcp.local. (644)
11:08:15.568019 IP apsit-HP-280-Pro-G6-Microtower-PC.mdns > mdns.mcast.net.mdns: 0 [1a] TXT (QM)? Canon iR2224 (fe:bd:c3)._ipp._tcp.local. (63
8)
^C
11 packets captured
17 packets received by filter
4 packets dropped by kernel
```



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```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 dst 192.168.86.29
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
11:09:24.443843 IP _gateway.8090 > apsit-HP-280-Pro-G6-Microtower-PC.36684: Flags [S.], seq 1262061952, ack 3890927406, win 29200, options [mss 1460,nop,nop,sackOK,nop,wscale 7], length 0
11:09:24.444669 IP _gateway.8090 > apsit-HP-280-Pro-G6-Microtower-PC.36684: Flags [.], ack 378, win 237, length 0
11:09:24.445611 IP _gateway.8090 > apsit-HP-280-Pro-G6-Microtower-PC.36684: Flags [P.], seq 1:259, ack 378, win 237, length 258
11:09:27.468352 IP _gateway.domain > apsit-HP-280-Pro-G6-Microtower-PC.42414: 22169 NXDomain* 0/0/0 (44)
11:09:30.492451 IP _gateway.domain > apsit-HP-280-Pro-G6-Microtower-PC.54415: 47988 NXDomain* 0/0/0 (46)
11:09:34.809141 IP sl-in-f188.1e100.net.5228 > apsit-HP-280-Pro-G6-Microtower-PC.43302: Flags [.], ack 148288467, win 1044, options [nop,nop,TS val 3303127054 ecr 213207305], length 0
11:09:34.809151 IP sl-in-f188.1e100.net.5228 > apsit-HP-280-Pro-G6-Microtower-PC.43304: Flags [.], ack 1924106587, win 1043, options [nop,nop,TS val 2884574080 ecr 213207462], length 0
^C
7 packets captured
8 packets received by filter
0 packets dropped by kernel
```

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 "tcp[tcpflags] & (tcp-syn) != 0" >/home/apsit/Desktop/syn.txt
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
^C4 packets captured
7 packets received by filter
0 packets dropped by kernel
```

	syn.txt	x		ack.txt	x		fin.txt	x
1	11:12:57.530744 IP 192.168.3.243.64124 > 192.168.3.131.7680: Flags [S], seq 2553154322, win 65535, options [mss 1460,nop,wscale 8,nop,nop,sackOK], length 0							
2	11:12:58.515966 IP 192.168.3.243.64124 > 192.168.3.131.7680: Flags [S], seq 2553154322, win 65535, options [mss 1460,nop,wscale 8,nop,nop,sackOK], length 0							
3	11:13:00.518184 IP 192.168.3.243.64124 > 192.168.3.131.7680: Flags [S], seq 2553154322, win 65535, options [mss 1460,nop,wscale 8,nop,nop,sackOK], length 0							
4	11:13:04.532076 IP 192.168.3.243.64124 > 192.168.3.131.7680: Flags [S], seq 2553154322, win 65535, options [mss 1460,nop,wscale 8,nop,nop,sackOK], length 0							
5								

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 "tcp[tcpflags] & (tcp-ack) != 0" >/home/apsit/Desktop/ack.txt
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
^C13 packets captured
13 packets received by filter
0 packets dropped by kernel
```

```
1 11:14:46.004441 IP apsit-HP-280-Pro-G6-Microtower-PC.43302 > sl-in-f188.1e100.net.5228: Flags [.], ack 354421439, win 501, options [nop,nop,TS val 214242950 ecr 3303393247], length 0
2 11:14:46.008462 IP apsit-HP-280-Pro-G6-Microtower-PC.43304 > sl-in-f188.1e100.net.5228: Flags [.], ack 2763095628, win 501, options [nop,nop,TS val 214242954 ecr 2884840278], length 0
3 11:14:46.068193 IP sl-in-f188.1e100.net.5228 > apsit-HP-280-Pro-G6-Microtower-PC.43302: Flags [.], ack 1, win 1044, options [nop,nop,TS val 3303438314 ecr 214107367], length 0
4 11:14:46.072419 IP sl-in-f188.1e100.net.5228 > apsit-HP-280-Pro-G6-Microtower-PC.43304: Flags [.], ack 1, win 1043, options [nop,nop,TS val 2884885345 ecr 214107524], length 0
5 11:14:51.635604 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 912088650:912088810, ack 2437054235, win 501, length 160
6 11:14:51.895606 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 0:160, ack 1, win 501, length 160
7 11:14:52.013482 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 160:560, ack 1, win 501, length 400
8 11:14:52.013483 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 560:768, ack 1, win 501, length 208
9 11:14:52.013605 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 768:896, ack 1, win 501, length 128
10 11:14:52.155597 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 0:896, ack 1, win 501, length 896
11 11:14:52.695569 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 0:896, ack 1, win 501, length 896
12 11:14:53.751536 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 0:896, ack 1, win 501, length 896
13 11:14:55.959480 IP 192.168.192.194.ssh > 192.168.5.213.58726: Flags [P.], seq 0:896, ack 1, win 501, length 896
14
```

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 "tcp[tcpflags] & (tcp-fin) != 0" >/home/apsit/Desktop/fin.txt
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
^C2 packets captured
3 packets received by filter
0 packets dropped by kernel
```

```
1 11:19:18.372549 IP apsit-HP-280-Pro-G6-Microtower-PC.39364 > _gateway.8090: Flags [F.], seq 918158082, ack 3843971460, win 501, length 0
2 11:19:25.473366 IP _gateway.8090 > apsit-HP-280-Pro-G6-Microtower-PC.49312: Flags [F.], seq 978076490, ack 3935043836, win 237, length 0
3
```




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```
apstt@apstt-HP-280-Pro-G6-Microtower-PC:~$ sudo tcpdump -i enp1s0 -x -X -A -nvvv port 22 > ssh.txt
tcpdump: listening on enp1s0, link-type EN10MB (Ethernet), capture size 262144 bytes
^C0 packets captured
2 packets received by filter
0 packets dropped by kernel
```

Wireshark

The screenshot shows the Wireshark interface with the packet list on the left and the packet details on the right. The packet list shows a series of DNS queries and responses. The selected packet is a Multicast Domain Name System (response) packet, which is expanded to show the packet structure and the response data.

No.	Time	Source	Destination	Protocol	Length	Info
11956	49.725073180	192.168.5.252	224.0.0.251	MDNS	488	Standard query response 0x0000 PTR, cache flush Android_73HDQWIR.local AAAA, cache flush fe80::50...
11957	49.725074562	fe80::508f:a4ff:fed...	ff02::fb	MDNS	588	Standard query response 0x0000 PTR, cache flush Android_73HDQWIR.local AAAA, cache flush fe80::50...
11958	49.730071618	192.168.17.64	224.0.0.251	MDNS	777	Standard query response 0x0000 TXT, cache flush SRV, cache flush 0 0 631 NPf4D819.local A, cache...
11959	49.730072997	fe80::8669:93ff:ref...	ff02::fb	MDNS	797	Standard query response 0x0000 TXT, cache flush SRV, cache flush 0 0 631 NPf4D819.local A, cache...
11960	49.741353810	fe80::8730:45ab:6f1...	ff02::fb	MDNS	102	Standard query 0x0000 PTR_googlecast_tcp.local, "QM" question
11961	49.745406494	30:c9:ab:a0:ai:9d	Broadcast	ARP	60	Who has 192.168.107.197 Tell 192.168.3.243
11962	49.748525718	fe80::5e83:6c7f:fe1...	ff02::16	IGMPv6	99	Multicast Listener Report Message v2
11963	49.748526877	192.168.69.182	224.0.0.251	IGMPv2	60	Membership Report group 224.0.0.251
11964	49.749027627	192.168.3.212	224.0.0.251	MDNS	475	Standard query response 0x0000 PTR, cache flush LAPTOP-UJP41KJD_dosvc_tcp.local SRV, cache flus...
11965	49.750641449	fe80::cc5b:a2ac:1b1...	ff02::fb	MDNS	495	Standard query response 0x0000 PTR, cache flush LAPTOP-UJP41KJD_dosvc_tcp.local SRV, cache flus...
11966	49.750642993	192.168.3.212	224.0.0.251	MDNS	411	Standard query response 0x0000 SRV, cache flush 0 0 7680 LAPTOP-UJP41KJD.local TXT, cache flush A...
11967	49.751159694	fe80::cc5b:a2ac:1b1...	ff02::fb	MDNS	431	Standard query response 0x0000 SRV, cache flush 0 0 7680 LAPTOP-UJP41KJD.local TXT, cache flush A...

Frame 919: 171 bytes on wire (1368 bits), 171 bytes captured (1368 bits) on interface 0
Ethernet II, Src: HewlettP_29:ab:3e (c8:d9:d2:29:ab:3e), Dst: IPv4mcast_fb (01:00:5e:00:00:fb)
Internet Protocol Version 4, Src: 192.168.91.11, Dst: 224.0.0.251
User Datagram Protocol, Src Port: 5353, Dst Port: 5353
Multicast Domain Name System (response)

The screenshot shows the Wireshark interface with the packet list on the left and the packet details on the right. The packet list shows a series of DNS queries and responses. The selected packet is a User Datagram Protocol (UDP) packet, which is expanded to show the packet structure and the response data.

No.	Time	Source	Destination	Protocol	Length	Info
57365	239.885666930	192.168.4.133	224.0.0.252	LLMNR	68	Standard query 0x749d A Synology
57366	239.886212741	192.168.4.133	224.0.0.251	MDNS	74	Standard query 0x0000 AAAA Synology.local, "QU" question
57367	239.887586095	fe80::d8ae:5c31:8d8...	ff02::fb	MDNS	94	Standard query 0x0000 AAAA Synology.local, "QU" question
57368	239.887735633	192.168.4.162	192.168.255.255	NBNS	92	Name query NB LAPTOP-B8FV5074<1c>
57369	239.891349677	192.168.4.191	224.0.0.251	MDNS	89	Standard query response 0x0000 A, cache flush 192.168.4.191
57370	239.901996793	192.168.4.191	224.0.0.251	MDNS	89	Standard query response 0x0000 A, cache flush 192.168.4.191
57371	239.902068136	192.168.4.133	224.0.0.251	MDNS	74	Standard query 0x0000 A Synology.local, "QM" question
57372	239.902589087	fe80::d7e5:19:8d	Broadcast	LLC	139	S.P. func=0x00, N(0)=64: SSAP NULL LSAP Individual, SSAP NULL LSAP Command
57373	239.902996483	fe80::d8ae:5c31:8d8...	ff02::fb	MDNS	94	Standard query 0x0000 A Synology.local, "QM" question
57374	239.903475507	192.168.4.133	224.0.0.251	MDNS	74	Standard query 0x0000 AAAA Synology.local, "QU" question
57375	239.903917179	fe80::d8ae:5c31:8d8...	ff02::fb	MDNS	94	Standard query 0x0000 AAAA Synology.local, "QU" question
57376	239.904774203	192.168.4.133	224.0.0.251	MDNS	74	Standard query 0x0000 A Synology.local, "QM" question
57377	239.904889837	fe80::d8ae:5c31:8d8...	ff02::fb	MDNS	94	Standard query 0x0000 A Synology.local, "QM" question

Frame 57369: 89 bytes on wire (712 bits), 89 bytes captured (712 bits) on interface 0
Ethernet II, Src: 2c:7b:a0:42:5d:06 (2c:7b:a0:42:5d:06), Dst: IPv4mcast_fb (01:00:5e:00:00:fb)
Destination: IPv4mcast_fb (01:00:5e:00:00:fb)
Address: IPv4mcast_fb (01:00:5e:00:00:fb)
.....0..... = LG bit: Globally unique address (factory default)
.....1..... = IG bit: Group address (multicast/broadcast)
Source: 2c:7b:a0:42:5d:06 (2c:7b:a0:42:5d:06)
Address: 2c:7b:a0:42:5d:06 (2c:7b:a0:42:5d:06)
.....0..... = LG bit: Globally unique address (factory default)
.....0..... = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.4.191, Dst: 224.0.0.251
User Datagram Protocol, Src Port: 5353, Dst Port: 5353
Multicast Domain Name System (response)



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```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo ip link set enp1s0 promisc on
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ netstat -i
```

Kernel Interface table										
Iface	MTU	RX-OK	RX-ERR	RX-DRP	RX-OVR	TX-OK	TX-ERR	TX-DRP	TX-OVR	Flg
docker0	1500	0	0	0	0	0	0	0	0	BMU
enp1s0	1500	1465371	0	5148	0	23036	0	0	0	BMPRU
lo	65536	2852	0	0	0	2852	0	0	0	LRU

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ sudo ip link set enp1s0 promisc off
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ netstat -i
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Kernel Interface table										
Iface	MTU	RX-OK	RX-ERR	RX-DRP	RX-OVR	TX-OK	TX-ERR	TX-DRP	TX-OVR	Flg
docker0	1500	0	0	0	0	0	0	0	0	BMU
enp1s0	1500	1477296	0	5214	0	23103	0	0	0	BMRU
lo	65536	2866	0	0	0	2866	0	0	0	LRU

Conclusion:

In this experiment, we learnt and understood to study analysis of network packets by using open source sniffing tools like tcpdump and Wireshark in promiscuous and non-promiscuous mode.