

abhishek@hp in ~ took 2ms

ifconfig

```
ap0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 192.168.12.1 netmask 255.255.255.0 broadcast 192.168.12.255
        ether c8:94:02:a8:68:b3 txqueuelen 1000 (Ethernet)
        RX packets 29812 bytes 2650950 (2.5 MiB)
        RX errors 0 dropped 1 overruns 0 frame 0
        TX packets 52347 bytes 73824886 (70.4 MiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

enp4s0f3u1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.17.3.120 netmask 255.255.0.0 broadcast 172.17.255.255
    inet6 fe80::5a08:e75e:b885:7766 prefixlen 64 scopeid 0x20<link>
        ether 00:e0:4d:6d:60:01 txqueuelen 1000 (Ethernet)
        RX packets 461058 bytes 105280701 (100.4 MiB)
        RX errors 0 dropped 1036 overruns 0 frame 0
        TX packets 41747 bytes 4290494 (4.0 MiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
        loop txqueuelen 1000 (Local Loopback)
        RX packets 14894 bytes 1981978 (1.8 MiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 14894 bytes 1981978 (1.8 MiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlo1: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 72:3c:84:23:1d:f7 txqueuelen 1000 (Ethernet)
    RX packets 5385 bytes 1210672 (1.1 MiB)
    RX errors 0 dropped 4919 overruns 0 frame 0
    TX packets 81 bytes 14758 (14.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

abhishek@hp in ~ took 3ms

ifconfig enp4s0f3u1

```
enp4s0f3u1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.17.3.120 netmask 255.255.0.0 broadcast 172.17.255.255
    inet6 fe80::5a08:e75e:b885:7766 prefixlen 64 scopeid 0x20<link>
        ether 00:e0:4d:6d:60:01 txqueuelen 1000 (Ethernet)
        RX packets 468091 bytes 105769598 (100.8 MiB)
        RX errors 0 dropped 1060 overruns 0 frame 0
```

```
TX packets 41878 bytes 4307542 (4.1 MiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
abhishek@hp in ~ took 2ms
↳ ifconfig lo
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
        loop txqueuelen 1000 (Local Loopback)
    RX packets 15099 bytes 2010005 (1.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 15099 bytes 2010005 (1.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
abhishek@hp in ~ took 3ms
↳ ifconfig wlo1
wlo1: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 72:3c:84:23:1d:f7 txqueuelen 1000 (Ethernet)
    RX packets 5385 bytes 1210672 (1.1 MiB)
    RX errors 0 dropped 4919 overruns 0 frame 0
    TX packets 81 bytes 14758 (14.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
abhishek@hp in ~ took 2ms
↳ ifconfig enp4s0f3u1 172.17.3.120 netmask 255.255.0.0
SIOCSIFADDR: Operation not permitted
SIOCSIFFLAGS: Operation not permitted
SIOCSIFNETMASK: Operation not permitted
```

```
abhishek@hp in ~ took 2ms
[⚡] * sudo ifconfig enp4s0f3u1 172.17.3.120 netmask 255.255.0.0
[sudo] password for abhishek:
```

```
abhishek@hp in ~ as 🧑 took 1s
↳ ifconfig up enp4s0f3u1
enp4s0f3u1: Unknown host
ifconfig: `--help' gives usage information.
```

```
abhishek@hp in ~ as 🧑 took 29ms
[🔴] * ifconfig enp4s0f3u1 mtu 2000
SIOCSIFMTU: Operation not permitted
```

rabhishek@hp ~ as 🧑 took 3ms

[●] ✘ sudo ifconfig enp4s0f3u1 mtu 2000

abhishek@hp ~ as 🧑 took 46ms

↳ sudo ifconfig enp4s0f3u1 mtu 1500

abhishek@hp in ~ as 🐧 took 3ms

[⚡] × ip a

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback brd 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 proto kernel brd 00:00:00:00:00:00
        valid_lft forever preferred_lft forever
2: wlo1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default qlen 1000
    link/ether d6:bb:de:7f:13:f5 brd ff:ff:ff:ff:ff:ff permaddr c8:94:02:a8:68:b3
    altname wlp2s0
3: enp4s0f3u1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:e0:4d:6d:60:01 brd ff:ff:ff:ff:ff:ff
    inet 172.17.3.120/16 brd 172.17.255.255 scope global dynamic noprefixroute enp4s0f3u1
        valid_lft 27815sec preferred_lft 27815sec
    inet6 fe80::5a08:e75e:b885:7766/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
10: ap0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default qlen 1000
    link/ether c8:94:02:a8:68:b3 brd ff:ff:ff:ff:ff:ff
    inet 192.168.12.1/24 brd 192.168.12.255 scope global ap0
        valid_lft forever preferred_lft forever
```

abhishek@hp in ~ as 🐧 took 4ms

↳ ip a show enp4s0f3u1

```
3: enp4s0f3u1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:e0:4d:6d:60:01 brd ff:ff:ff:ff:ff:ff
    inet 172.17.3.120/16 brd 172.17.255.255 scope global dynamic noprefixroute enp4s0f3u1
        valid_lft 27800sec preferred_lft 27800sec
    inet6 fe80::5a08:e75e:b885:7766/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
```

```
abhishek@hp in ~ as 🐧 took 4ms
traceroute raw.githubusercontent.com
traceroute to raw.githubusercontent.com (185.199.108.133), 30 hops max, 60 byte packets
1 _gateway (172.17.255.250) 0.489 ms 0.667 ms 0.639 ms
2 115.244.99.161 (115.244.99.161) 1.548 ms 1.764 ms 1.510 ms
3 115.244.223.85 (115.244.223.85) 2.127 ms 1.708 ms 2.088 ms
4 * * *
5 172.25.106.38 (172.25.106.38) 3.306 ms 172.16.5.87 (172.16.5.87) 19.122 ms 18.762 ms
6 172.16.5.87 (172.16.5.87) 3.968 ms 172.25.106.38 (172.25.106.38) 19.076 ms 172.16.5.87 (1
72.16.5.87) 18.475 ms
8 * * *
9 * * *
10 * * *
11 * * *
12 * * *
13 * * *
14 * * *
15 * * *
16 * * *
17 * * *
18 * * *
19 * * *
20 * * *
21 * * *
22 * * *
23 * * *
24 * * *
25 * * *
26 * * *
27 * * *
28 * * *
29 * * *
30 * * *
```

```
abhishek@hp in ~ as 🐧 took 25s
traceroute -n github.com
traceroute to github.com (20.207.73.82), 30 hops max, 60 byte packets
1 * * 172.17.255.250 0.527 ms
2 115.244.99.161 1.887 ms 1.496 ms 1.850 ms
3 115.244.223.85 15.920 ms 17.138 ms 15.882 ms
4 * * *
5 * * *
6 * * *
7 49.44.220.185 4.822 ms 4.785 ms 14.068 ms
8 104.44.238.220 2.789 ms 2.208 ms 104.44.235.152 2.953 ms
9 104.44.21.125 24.130 ms 104.44.11.239 56.265 ms 104.44.22.65 48.292 ms
```

```
10 * 104.44.29.141 47.847 ms 49.052 ms
11 104.44.28.98 41.768 ms * 104.44.29.141 35.457 ms
12 104.44.11.214 53.802 ms 104.44.11.234 24.279 ms 24.219 ms
13 * * *
14 * * 104.44.29.198 35.091 ms
15 * 104.44.20.46 49.517 ms *
16 * * *
17 * * *
18 * * *
19 * * *
20 * * *
21 * * *
22 * * *
23 * * *
24 * * *
25 * * *
26 * * *
27 * * *
28 * * *
29 * * *
30 * * *
```

```
abhishek@hp: ~ as 🚀 took 15s
└ traceroute -I github.com
traceroute to github.com (20.207.73.82), 30 hops max, 60 byte packets
1 _gateway (172.17.255.250) 0.612 ms 0.549 ms 0.541 ms
2 115.244.99.161 (115.244.99.161) 1.764 ms * *
3 * * *
4 * * *
5 * * *
6 * * *
7 * 49.44.220.185 (49.44.220.185) 2.914 ms *
8 * ae23-0.ear02.maa31.ntwk.msn.net (104.44.235.152) 7.414 ms *
9 * * *
10 * * *
11 * * *
12 * * *
13 * * *
14 * * *
15 * * *
16 * * *
17 20.207.73.82 (20.207.73.82) 24.152 ms 24.149 ms 24.145 ms
```

```
abhishek@hp: ~ as 🚀 took 5s
└ sudo traceroute -T google.com
traceroute to google.com (142.250.77.142), 30 hops max, 60 byte packets
1 _gateway (172.17.255.250) 0.599 ms 0.539 ms 0.275 ms
```

2 maa05s16-in-f14.1e100.net (142.250.77.142) 1.183 ms 0.941 ms 1.149 ms

abhishek@hp ~ as 🏴 took 134ms

tracepath github.com

1?: [LOCALHOST]	pmtu 1500
1: _gateway	0.595ms
1: _gateway	0.564ms
2: 115.244.99.161	1.574ms asymm 3
3: 115.244.223.85	1.942ms
4: no reply	
5: no reply	
6: no reply	
7: 49.44.220.185	3.377ms asymm 5
8: ae22-0.ear01.maa31.ntwk.msn.net	2.387ms asymm 6
9: be-20-0.ibr01.maa31.ntwk.msn.net	38.557ms asymm 15
10: be-1-0.ibr02.maa31.ntwk.msn.net	36.069ms asymm 12
11: be-3-0.ibr02.pnq20.ntwk.msn.net	27.115ms asymm 8
12: ae104-0.rwa03.pnq21.ntwk.msn.net	24.200ms asymm 8
13: be-5-0.ibr04.bom30.ntwk.msn.net	38.321ms asymm 10
14: be-6-0.ibr02.pnq21.ntwk.msn.net	48.618ms asymm 8
15: ae126-0.rwa04.pnq20.ntwk.msn.net	34.895ms asymm 8
16: no reply	
17: no reply	
18: no reply	
19: no reply	
20: no reply	
21: no reply	
22: no reply	
23: no reply	
24: no reply	
25: no reply	
26: no reply	
27: no reply	
28: no reply	
29: no reply	
30: no reply	

Too many hops: pmtu 1500
Resume: pmtu 1500

```
abhishek@hp ~ as 🐧 took 59s
ping google.com
PING google.com (142.250.193.142) 56(84) bytes of data.
64 bytes from maa05s25-in-f14.1e100.net (142.250.193.142): icmp_seq=1 ttl=119 time=4.32 ms
64 bytes from maa05s25-in-f14.1e100.net (142.250.193.142): icmp_seq=2 ttl=119 time=4.39 ms
64 bytes from maa05s25-in-f14.1e100.net (142.250.193.142): icmp_seq=3 ttl=119 time=4.00 ms
64 bytes from maa05s25-in-f14.1e100.net (142.250.193.142): icmp_seq=4 ttl=119 time=3.99 ms
^C
--- google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3005ms
rtt min/avg/max/mdev = 3.991/4.176/4.386/0.179 ms
```

```
abhishek@hp ~ as 🐧 took 3s
ping -c 3 google.com
PING google.com (142.250.193.142) 56(84) bytes of data.
64 bytes from maa05s25-in-f14.1e100.net (142.250.193.142): icmp_seq=1 ttl=119 time=4.09 ms
64 bytes from maa05s25-in-f14.1e100.net (142.250.193.142): icmp_seq=2 ttl=119 time=5.81 ms
64 bytes from maa05s25-in-f14.1e100.net (142.250.193.142): icmp_seq=3 ttl=119 time=3.94 ms
--- google.com ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2004ms
rtt min/avg/max/mdev = 3.940/4.613/5.806/0.845 ms
```

abhishek@hp ~ as 🐧 took 2s

netstat

Active Internet connections (w/o servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	hp-pavilion:33442	152.70.65.247:22067	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43186	ESTABLISHED
tcp	0	0	localhost:43260	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43228	ESTABLISHED
tcp	0	0	localhost:http-alt	localhost:47030	TIME_WAIT
tcp	0	0	localhost:43154	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43200	ESTABLISHED
tcp	0	0	localhost:43132	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:43206	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43132	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43282	ESTABLISHED
tcp	0	0	localhost:http-alt	localhost:40048	TIME_WAIT
tcp	0	0	localhost:rlm-admin	localhost:43208	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43198	ESTABLISHED
tcp	0	0	localhost:54096	localhost:http-alt	ESTABLISHED
tcp	0	0	hp-pavilion:48780	maa05s20-in-f3.1e:https	ESTABLISHED
tcp	0	0	localhost:43272	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:35306	localhost:http-alt	TIME_WAIT
tcp	0	0	localhost:43168	localhost:rlm-admin	ESTABLISHED
tcp	0	0	hp-pavilion:51440	maa03s44-in-f10.1:https	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43286	ESTABLISHED
tcp	0	0	hp-pavilion:48948	ec2-44-239-109-22:https	ESTABLISHED
tcp	0	0	localhost:43278	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43206	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43168	ESTABLISHED
tcp	0	0	localhost:http-alt	localhost:40042	TIME_WAIT
tcp	0	0	localhost:43282	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43154	ESTABLISHED
tcp	0	0	localhost:43144	localhost:rlm-admin	ESTABLISHED
tcp	0	0	hp-pavilion:37682	maa05s25-in-f14.1:https	ESTABLISHED
tcp	0	0	hp-pavilion:53110	ec2-44-239-109-22:https	TIME_WAIT
tcp	0	0	localhost:rlm-admin	localhost:43292	ESTABLISHED
tcp	0	0	localhost:43184	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:43116	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:43286	localhost:rlm-admin	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43214	ESTABLISHED
tcp	0	0	localhost:rlm-admin	localhost:43236	ESTABLISHED
tcp	0	0	hp-pavilion:47816	ec2-44-239-109-22:https	TIME_WAIT
tcp	0	0	localhost:rlm-admin	localhost:43116	ESTABLISHED

abhishek@hp in ~ as 🐧 took 106ms

netstat -p

(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)

Active Internet connections (w/o servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State	PID/Program name
tcp	0	0	hp-pavilion:33442	152.70.65.247:22067	ESTABLISHED	3109/syncthing
tcp	0	0	hp-pavilion:37698	maa03s41-in-f13.1:https	TIME_WAIT	-
tcp	0	0	localhost:rlm-admin	localhost:43186	ESTABLISHED	1980/python
tcp	0	0	localhost:43260	localhost:rlm-admin	ESTABLISHED	2229/python
tcp	0	0	localhost:rlm-admin	localhost:43228	ESTABLISHED	1980/python
tcp	0	0	hp-pavilion:39030	ec2-44-239-109-22:https	ESTABLISHED	-
tcp	0	0	localhost:43154	localhost:rlm-admin	ESTABLISHED	2248/python
tcp	0	0	localhost:rlm-admin	localhost:43200	ESTABLISHED	1980/python
tcp	0	0	localhost:43132	localhost:rlm-admin	ESTABLISHED	2223/python
tcp	0	0	localhost:43206	localhost:rlm-admin	ESTABLISHED	2227/python
tcp	0	0	localhost:rlm-admin	localhost:43132	ESTABLISHED	1980/python
tcp	0	0	localhost:rlm-admin	localhost:43282	ESTABLISHED	1980/python
tcp	0	0	localhost:http-alt	localhost:46380	TIME_WAIT	-
tcp	0	0	localhost:rlm-admin	localhost:43208	ESTABLISHED	1980/python
tcp	0	0	localhost:rlm-admin	localhost:43198	ESTABLISHED	1980/python
tcp type	0	0	hp-pavilion:48780	maa05s20-in-f3.1e:https	ESTABLISHED	112217/brave --
tcp	0	0	hp-pavilio:microsoft-ds	172.17.1.137:52514	TIME_WAIT	-
tcp	0	0	localhost:43272	localhost:rlm-admin	ESTABLISHED	2215/python
tcp	0	0	localhost:43168	localhost:rlm-admin	ESTABLISHED	2250/python

abhishek@hp in ~ took 1s
netstat -s

Ip:

```
Forwarding: 1
207961 total packets received
16 with invalid addresses
49480 forwarded
154 with unknown protocol
0 incoming packets discarded
146091 incoming packets delivered
83537 requests sent out
2 outgoing packets dropped
107 dropped because of missing route
6 reassemblies required
3 packets reassembled ok
4 outgoing packets fragmented ok
8 fragments created
```

Icmp:

```
190 ICMP messages received
5 input ICMP message failed
ICMP input histogram:
```

```
    destination unreachable: 105
    timeout in transit: 64
    echo requests: 9
    echo replies: 12
```

```
237 ICMP messages sent
0 ICMP messages failed
```

```
ICMP output histogram:
```

```
    destination unreachable: 111
    echo requests: 117
    echo replies: 9
```

IcmpMsg:

```
InType0: 12
InType3: 105
InType8: 9
InType11: 64
OutType0: 9
OutType3: 111
OutType8: 117
```

Tcp:

```
1719 active connection openings
863 passive connection openings
367 failed connection attempts
```

abhishek@hp in ~ took 3ms

↳ netstat -r

Kernel IP routing table

Destination	Gateway	Genmask	Flags	MSS	Window	irtt	Iface
default	_gateway	0.0.0.0	UG	0	0	0	enp4s0f3u1
172.17.0.0	0.0.0.0	255.255.0.0	U	0	0	0	enp4s0f3u1
192.168.12.0	0.0.0.0	255.255.255.0	U	0	0	0	ap0

abhishek@hp in ~ took 4ms						
Netid	State	Recv-Q	Send-Q	Peer Address:Port		Local Address:Port Process
				Peer	Address:Port	
u_str	ESTAB	0	0	*	29630	* 35127
u_str	ESTAB	0	0	*	34851	/run/dbus/system_bus_socket 34852
u_str	ESTAB	0	0	*	458518	* 458519
u_str	ESTAB	28848	0	*	33091	* 36108
u_str	ESTAB	0	0	*	33987	* 33986
u_str	ESTAB	0	0	*	36115	/run/user/1000/bus 36116
u_str	ESTAB	0	0	*	471811	* 471812
u_str	ESTAB	0	0	*	471752	* 471751
u_str	ESTAB	0	0	*	29642	* 29641
u_str	ESTAB	0	0	*	25503	* 35873
u_str	ESTAB	0	0	*	20052	* 32847
u_dgr	ESTAB	0	0	*	16004	* 19820
u_str	ESTAB	0	0	*	477453	* 477452
u_str	ESTAB	0	0	*	33944	* 33943
u_str	ESTAB	0	0	*	17286	* 31331
u_str	ESTAB	0	0	*	469926	* 472536
u_str	ESTAB	0	0	*	34470	* 37516
u_str	ESTAB	0	0	*	19828	/run/dbus/system_bus_socket 24720
u_str	ESTAB	0	0	*	20253	/run/user/1000/bus 29636
u_str	ESTAB	0	204800	*	23546	@/tmp/.X11-unix/X0 33065
u_str	ESTAB	0	0	*	25475	/run/dbus/system_bus_socket 30140

abhishek@hp in ~ took 145ms

ss -ta

State	Recv-Q	Send-Q	Local Address:Port	Peer Address:Port	Process
LISTEN	0	32	192.168.12.1:mdns	0.0.0.0:*	
LISTEN	0	5	127.0.0.1:rlm-admin	0.0.0.0:*	
LISTEN	0	4096	127.0.0.1:http-alt	0.0.0.0:*	
LISTEN	0	4096	127.0.0.1:ipp	0.0.0.0:*	
LISTEN	0	50	0.0.0.0:netbios-ssn	0.0.0.0:*	
LISTEN	0	50	0.0.0.0:microsoft-ds	0.0.0.0:*	
TIME-WAIT	0	0	127.0.0.1:http-alt	127.0.0.1:47322	
ESTAB	0	0	172.17.3.120:33442	152.70.65.247:22067	
ESTAB	0	0	172.17.3.120:41134	108.159.15.74:https	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43186	
ESTAB	0	0	127.0.0.1:43260	127.0.0.1:rlm-admin	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43228	
TIME-WAIT	0	0	127.0.0.1:http-alt	127.0.0.1:52328	
TIME-WAIT	0	0	172.17.3.120:microsoft-ds	172.17.0.233:61659	
ESTAB	0	0	127.0.0.1:43154	127.0.0.1:rlm-admin	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43200	
ESTAB	0	0	127.0.0.1:43132	127.0.0.1:rlm-admin	
ESTAB	0	0	127.0.0.1:43206	127.0.0.1:rlm-admin	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43132	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43282	
TIME-WAIT	0	0	172.17.3.120:microsoft-ds	172.17.0.25:60245	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43208	
TIME-WAIT	0	0	127.0.0.1:http-alt	127.0.0.1:38486	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43198	
ESTAB	0	0	172.17.3.120:40720	142.250.195.173:https	
ESTAB	0	0	172.17.3.120:48780	142.250.182.67:https	
TIME-WAIT	0	0	172.17.3.120:microsoft-ds	172.17.2.255:49509	
ESTAB	0	0	127.0.0.1:43272	127.0.0.1:rlm-admin	
ESTAB	0	0	127.0.0.1:43168	127.0.0.1:rlm-admin	
TIME-WAIT	0	0	172.17.3.120:microsoft-ds	172.17.0.25:60249	
TIME-WAIT	0	0	127.0.0.1:http-alt	127.0.0.1:47330	
ESTAB	0	0	172.17.3.120:51440	142.250.196.10:https	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43286	
ESTAB	0	0	172.17.3.120:38812	185.199.109.153:https	
ESTAB	0	0	127.0.0.1:43278	127.0.0.1:rlm-admin	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43206	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43168	
ESTAB	0	0	127.0.0.1:http-alt	127.0.0.1:52346	
TIME-WAIT	0	0	127.0.0.1:53516	127.0.0.1:http-alt	
ESTAB	0	0	127.0.0.1:43282	127.0.0.1:rlm-admin	
ESTAB	0	0	172.17.3.120:55372	172.66.44.111:https	
TIME-WAIT	0	0	127.0.0.1:http-alt	127.0.0.1:52340	
ESTAB	0	0	127.0.0.1:rlm-admin	127.0.0.1:43154	

abhishek@hp in ~ took 38ms

ss -lu

State	Recv-Q	Send-Q	Local Address:Port	Peer Address:Port	Process
UNCONN	0	0	0.0.0.0:bootps	0.0.0.0:*	
UNCONN	0	0	192.168.12.255:netbios-ns	0.0.0.0:*	
UNCONN	0	0	192.168.12.1:netbios-ns	0.0.0.0:*	
UNCONN	0	0	172.17.255.255:netbios-ns	0.0.0.0:*	
UNCONN	0	0	172.17.3.120:netbios-ns	0.0.0.0:*	
UNCONN	0	0	0.0.0.0:netbios-ns	0.0.0.0:*	
UNCONN	0	0	192.168.12.255:netbios-dgm	0.0.0.0:*	
UNCONN	0	0	192.168.12.1:netbios-dgm	0.0.0.0:*	
UNCONN	0	0	172.17.255.255:netbios-dgm	0.0.0.0:*	
UNCONN	0	0	172.17.3.120:netbios-dgm	0.0.0.0:*	
UNCONN	0	0	0.0.0.0:netbios-dgm	0.0.0.0:*	
UNCONN	0	0	0.0.0.0:43465	0.0.0.0:*	
UNCONN	0	0	0.0.0.0:21027	0.0.0.0:*	
UNCONN	0	0	192.168.12.1:mdns	0.0.0.0:*	
UNCONN	0	0	0.0.0.0:mdns	0.0.0.0:*	
UNCONN	0	0	0.0.0.0:54813	0.0.0.0:*	
UNCONN	0	0	[::]:42090	[::]:*	
UNCONN	0	0	*:xmsg	*:*	
UNCONN	0	0	[::]:36943	[::]:*	
UNCONN	0	0	[::]:21027	[::]:*	
UNCONN	0	0	[::]:mdns	[::]:*	
UNCONN	0	0	*:snapenetio	*:*	

abhishek@hp in ~ took 13ms				
ss -t4 state established				
Recv-Q	Send-Q	Local Address:Port	Peer Address:Port	Process
0	0	172.17.3.120:33442	152.70.65.247:22067	
0	0	172.17.3.120:41134	108.159.15.74:https	
0	0	127.0.0.1:http-alt	127.0.0.1:55890	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43186	
0	0	127.0.0.1:43260	127.0.0.1:rlm-admin	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43228	
0	0	127.0.0.1:43154	127.0.0.1:rlm-admin	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43200	
0	0	127.0.0.1:43132	127.0.0.1:rlm-admin	
0	0	127.0.0.1:43206	127.0.0.1:rlm-admin	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43132	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43282	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43208	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43198	
0	0	172.17.3.120:40720	142.250.195.173:https	
0	0	172.17.3.120:48780	142.250.182.67:https	
0	0	127.0.0.1:43272	127.0.0.1:rlm-admin	
0	0	127.0.0.1:43168	127.0.0.1:rlm-admin	
0	0	172.17.3.120:45142	44.239.109.225:https	
0	0	172.17.3.120:51440	142.250.196.10:https	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43286	
0	0	172.17.3.120:38812	185.199.109.153:https	
0	0	127.0.0.1:43278	127.0.0.1:rlm-admin	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43206	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43168	
0	0	127.0.0.1:43282	127.0.0.1:rlm-admin	
0	0	172.17.3.120:55372	172.66.44.111:https	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43154	
0	0	127.0.0.1:43144	127.0.0.1:rlm-admin	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43292	
0	0	127.0.0.1:43184	127.0.0.1:rlm-admin	
0	0	127.0.0.1:43116	127.0.0.1:rlm-admin	
0	0	172.17.3.120:39036	172.66.44.157:https	
0	0	127.0.0.1:43286	127.0.0.1:rlm-admin	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43214	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43236	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43116	
0	0	127.0.0.1:43186	127.0.0.1:rlm-admin	
0	0	127.0.0.1:43198	127.0.0.1:rlm-admin	
0	0	127.0.0.1:43252	127.0.0.1:rlm-admin	
0	0	127.0.0.1:43292	127.0.0.1:rlm-admin	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43144	
0	0	127.0.0.1:rlm-admin	127.0.0.1:43272	

abhishek@hp in ~ took 10ms

[●] × dig

```
; <>> DiG 9.18.16 <>>
;; global options: +cmd
;; Got answer:
;; →HEADER← opcode: QUERY, status: NOERROR, id: 11322
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; QUESTION SECTION:
;.

;          IN      NS

;; ANSWER SECTION:
.          86702    IN      NS      a.root-servers.net.
.          86702    IN      NS      b.root-servers.net.
.          86702    IN      NS      c.root-servers.net.
.          86702    IN      NS      d.root-servers.net.
.          86702    IN      NS      e.root-servers.net.
.          86702    IN      NS      f.root-servers.net.
.          86702    IN      NS      g.root-servers.net.
.          86702    IN      NS      h.root-servers.net.
.          86702    IN      NS      i.root-servers.net.
.          86702    IN      NS      j.root-servers.net.
.          86702    IN      NS      k.root-servers.net.
.          86702    IN      NS      l.root-servers.net.
.          86702    IN      NS      m.root-servers.net.

;; Query time: 3 msec
;; SERVER: 8.8.8.8#53(8.8.8.8) (UDP)
;; WHEN: Thu Jul 27 22:05:14 IST 2023
;; MSG SIZE  rcvd: 239
```

abhishek@hp in ~ took 65ms
dig google.com

```
; <>> DiG 9.18.16 <>> google.com
;; global options: +cmd
;; Got answer:
;; →HEADER← opcode: QUERY, status: NOERROR, id: 59662
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 512
;; QUESTION SECTION:
;google.com.           IN      A

;; ANSWER SECTION:
google.com.        104     IN      A      142.250.193.142

;; Query time: 3 msec
;; SERVER: 8.8.8.8#53(8.8.8.8) (UDP)
;; WHEN: Thu Jul 27 22:06:27 IST 2023
;; MSG SIZE  rcvd: 55
```

```
abhishek@hp ~ took 37ms
dig google.com ALL

; <>> DiG 9.18.16 <>> google.com ALL
;; global options: +cmd
;; Got answer:
;; →HEADER← opcode: QUERY, status: NOERROR, id: 1664
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 512
;; QUESTION SECTION:
;google.com.           IN      A

;; ANSWER SECTION:
google.com.        120     IN      A      142.250.193.142

;; Query time: 23 msec
;; SERVER: 8.8.8.8#53(8.8.8.8) (UDP)
;; WHEN: Thu Jul 27 22:06:55 IST 2023
;; MSG SIZE rcvd: 55

;; Got answer:
;; →HEADER← opcode: QUERY, status: NXDOMAIN, id: 3057
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 512
;; QUESTION SECTION:
;ALL.                IN      A

;; AUTHORITY SECTION:
.          86387    IN      SOA     a.root-servers.net. nstld.verisign-grs.com. 202
3072701 1800 900 604800 86400

;; Query time: 27 msec
;; SERVER: 8.8.8.8#53(8.8.8.8) (UDP)
;; WHEN: Thu Jul 27 22:06:55 IST 2023
;; MSG SIZE rcvd: 107
```

```
[abhishek@hp ~] took 86ms
[abhishek@hp ~] nslookup google.com
Server: 8.8.8.8
Address: 8.8.8.8#53

Non-authoritative answer:
Name: google.com
Address: 142.250.77.142
Name: google.com
Address: 2404:6800:4007:820::200e
```

```
abhishek@hp in ~ took 48ms
route
Kernel IP routing table
Destination     Gateway         Genmask        Flags Metric Ref    Use Iface
default         _gateway       0.0.0.0        UG    100    0        0 enp4s0f3u1
172.17.0.0      0.0.0.0        255.255.0.0   U     100    0        0 enp4s0f3u1
192.168.12.0    0.0.0.0        255.255.255.0 U     0      0        0 ap0

abhishek@hp in ~ took 10ms
route -n
Kernel IP routing table
Destination     Gateway         Genmask        Flags Metric Ref    Use Iface
0.0.0.0          172.17.255.250 0.0.0.0        UG    100    0        0 enp4s0f3u1
172.17.0.0      0.0.0.0        255.255.0.0   U     100    0        0 enp4s0f3u1
192.168.12.0    0.0.0.0        255.255.255.0 U     0      0        0 ap0

abhishek@hp in ~ took 2ms
route add default gw 172.17.255.250
SIOCADDRT: Operation not permitted

[!] * sudo route add default gw 172.17.255.250
[sudo] password for abhishek:

abhishek@hp in ~ as 🧑 took 1s
route -n
Kernel IP routing table
Destination     Gateway         Genmask        Flags Metric Ref    Use Iface
0.0.0.0          172.17.255.250 0.0.0.0        UG    0      0        0 enp4s0f3u1
0.0.0.0          172.17.255.250 0.0.0.0        UG    100    0        0 enp4s0f3u1
172.17.0.0      0.0.0.0        255.255.0.0   U     100    0        0 enp4s0f3u1
192.168.12.0    0.0.0.0        255.255.255.0 U     0      0        0 ap0
```

```
[abhishek@hp in ~ as 🧑 took 2ms
└> host github.com
github.com has address 20.207.73.82
github.com mail is handled by 1 aspmx.l.google.com.
github.com mail is handled by 10 alt3.aspmx.l.google.com.
github.com mail is handled by 10 alt4.aspmx.l.google.com.
github.com mail is handled by 5 alt1.aspmx.l.google.com.
github.com mail is handled by 5 alt2.aspmx.l.google.com.
```

```
└ abhishek@hp in ~ as 🧑 took 22ms
[●] * host -t CNAME github.com
github.com has no CNAME record
```

```
└ abhishek@hp in ~ as 🧑 took 79ms
↳ host -t A github.com
github.com has address 20.207.73.82
```

abhishhek@hp in ~ as 📹 took 96ms

↳ arp

Address	HWtype	HWaddress	Flags	Mask	Iface
172.17.0.195	ether	a8:8f:d9:41:97:fc	C		enp4s0f3u1
172.17.2.75	ether	d8:bb:c1:b2:df:d8	C		enp4s0f3u1
172.17.1.165	ether	00:e0:4c:36:00:56	C		enp4s0f3u1
172.17.2.156	ether	fc:34:97:4b:6d:4d	C		enp4s0f3u1
172.17.0.64	ether	a0:59:50:0b:93:70	C		enp4s0f3u1
172.17.0.37	ether	6e:14:bf:62:03:66	C		enp4s0f3u1
172.17.0.25	ether	c8:4d:44:27:08:d0	C		enp4s0f3u1
172.17.3.21	ether	00:e0:4c:36:00:95	C		enp4s0f3u1
172.17.3.80	ether	e0:0a:f6:b9:cf:db	C		enp4s0f3u1
172.17.2.61	ether	b4:b6:86:e7:97:63	C		enp4s0f3u1
172.17.1.51	ether	5c:62:8b:74:90:24	C		enp4s0f3u1
172.17.0.72	ether	00:0e:09:87:a6:9c	C		enp4s0f3u1
172.17.1.164	ether	a0:ce:c8:cc:7d:ea	C		enp4s0f3u1
172.17.0.126	ether	c8:58:95:b1:71:2d	C		enp4s0f3u1
172.17.2.84	ether	08:8f:c3:5a:f1:72	C		enp4s0f3u1
172.17.2.247	ether	7c:c2:c6:49:65:48	C		enp4s0f3u1
172.17.0.233	ether	f8:e4:3b:2a:a4:d7	C		enp4s0f3u1
172.17.1.137	ether	00:e0:4c:36:83:92	C		enp4s0f3u1
172.17.0.114	ether	7c:04:d0:d5:37:76	C		enp4s0f3u1
172.17.3.54	ether	60:18:95:3c:ae:ce	C		enp4s0f3u1
172.17.1.181	ether	08:8e:90:f0:36:06	C		enp4s0f3u1
172.17.2.113	ether	70:ae:d5:38:4f:8f	C		enp4s0f3u1
172.17.2.72	ether	e4:e7:49:ab:4e:ed	C		enp4s0f3u1
_gateway	ether	70:4c:a5:ce:da:81	C		enp4s0f3u1
172.17.2.179	ether	f8:e4:3b:2a:70:25	C		enp4s0f3u1
172.17.0.24	ether	b0:be:83:3f:a3:d9	C		enp4s0f3u1
172.17.2.60	ether	a8:8f:d9:2f:24:33	C		enp4s0f3u1
172.17.35.154	ether	d8:47:32:0e:04:da	C		enp4s0f3u1
172.17.0.131	ether	c8:4d:44:21:39:f2	C		enp4s0f3u1
172.17.1.94	ether	d0:88:0c:65:80:f5	C		enp4s0f3u1
172.17.0.12	ether	d8:07:b6:3e:d5:6a	C		enp4s0f3u1
172.17.3.71	ether	e0:70:ea:cf:71:13	C		enp4s0f3u1
172.17.3.15	ether	48:8a:e8:1b:7e:1b	C		enp4s0f3u1
172.17.0.56	ether	14:13:33:a0:a4:c7	C		enp4s0f3u1
172.17.2.255	ether	c8:4d:44:27:08:e4	C		enp4s0f3u1
172.17.2.99	ether	00:0e:09:87:91:de	C		enp4s0f3u1
172.17.2.177	ether	52:eb:71:2a:76:19	C		enp4s0f3u1
172.17.5.176	ether	80:91:33:4a:bd:75	C		enp4s0f3u1
172.17.1.189	ether	f8:e4:3b:6f:f5:85	C		enp4s0f3u1

abhishhek@hp in ~ as 🐧 took 151ms

↳ arp -n

Address	HWtype	HWaddress	Flags	Mask	Iface
172.17.0.195	ether	a8:8f:d9:41:97:fc	C		enp4s0f3u1
172.17.2.75	ether	d8:bb:c1:b2:df:d8	C		enp4s0f3u1
172.17.1.165	ether	00:e0:4c:36:00:56	C		enp4s0f3u1
172.17.2.156	ether	fc:34:97:4b:6d:4d	C		enp4s0f3u1
172.17.0.64	ether	a0:59:50:0b:93:70	C		enp4s0f3u1
172.17.0.37	ether	6e:14:bf:62:03:66	C		enp4s0f3u1
172.17.0.25	ether	c8:4d:44:27:08:d0	C		enp4s0f3u1
172.17.3.21	ether	00:e0:4c:36:00:95	C		enp4s0f3u1
172.17.3.80	ether	e0:0a:f6:b9:cf:db	C		enp4s0f3u1
172.17.2.61	ether	b4:b6:86:e7:97:63	C		enp4s0f3u1
172.17.1.51	ether	5c:62:8b:74:90:24	C		enp4s0f3u1
172.17.0.72	ether	00:0e:09:87:a6:9c	C		enp4s0f3u1
172.17.1.164	ether	a0:ce:c8:cc:7d:ea	C		enp4s0f3u1
172.17.0.126	ether	c8:58:95:b1:71:2d	C		enp4s0f3u1
172.17.2.84	ether	08:8f:c3:5a:f1:72	C		enp4s0f3u1
172.17.2.247	ether	7c:c2:c6:49:65:48	C		enp4s0f3u1
172.17.0.233	ether	f8:e4:3b:2a:a4:d7	C		enp4s0f3u1
172.17.1.137	ether	00:e0:4c:36:83:92	C		enp4s0f3u1
172.17.0.114	ether	7c:04:d0:d5:37:76	C		enp4s0f3u1
172.17.3.54	ether	60:18:95:3c:ae:ce	C		enp4s0f3u1
172.17.1.181	ether	08:8e:90:f0:36:06	C		enp4s0f3u1
172.17.2.113	ether	70:ae:d5:38:4f:8f	C		enp4s0f3u1
172.17.2.72	ether	e4:e7:49:ab:4e:ed	C		enp4s0f3u1
172.17.2.250	ether	70:4c:a5:ce:da:81	C		enp4s0f3u1
172.17.2.179	ether	f8:e4:3b:2a:70:25	C		enp4s0f3u1
172.17.0.24	ether	b0:be:83:3f:a3:d9	C		enp4s0f3u1
172.17.2.60	ether	a8:8f:d9:2f:24:33	C		enp4s0f3u1
172.17.35.154	ether	d8:47:32:0e:04:da	C		enp4s0f3u1
172.17.0.131	ether	c8:4d:44:21:39:f2	C		enp4s0f3u1
172.17.1.94	ether	d0:88:0c:65:80:f5	C		enp4s0f3u1
172.17.0.12	ether	d8:07:b6:3e:d5:6a	C		enp4s0f3u1
172.17.3.71	ether	e0:70:ea:cf:71:13	C		enp4s0f3u1
172.17.1.16	ether	dc:f5:05:f2:3b:c1	C		enp4s0f3u1
172.17.3.15	ether	48:8a:e8:1b:7e:1b	C		enp4s0f3u1
172.17.0.56	ether	14:13:33:a0:a4:c7	C		enp4s0f3u1
172.17.2.255	ether	c8:4d:44:27:08:e4	C		enp4s0f3u1
172.17.2.99	ether	00:0e:09:87:91:de	C		enp4s0f3u1
172.17.2.177	ether	52:eb:71:2a:76:19	C		enp4s0f3u1
172.17.5.176	ether	80:91:33:4a:bd:75	C		enp4s0f3u1
172.17.1.189	ether	f8:e4:3b:6f:f5:85	C		enp4s0f3u1

abhishek@hp ~ as 📻 took 3ms

↳ iwconfig

lo no wireless extensions.

wlo1 IEEE 802.11 ESSID:off/any
Mode:Managed Access Point: Not-Associated Tx-Power=20 dBm
Retry short limit:7 RTS thr:off Fragment thr:off
Power Management:off

enp4s0f3u1 no wireless extensions.

ap0 IEEE 802.11 Mode:Master Tx-Power=20 dBm
Retry short limit:7 RTS thr:off Fragment thr:off
Power Management:on

```
abhishek@hp ~ as 🧑 took 2ms
[●] * hostname
hp-pavilion
```

```
abhishek@hp ~ as 🧑 took 2ms
↳ hostname -i
127.0.0.1 127.0.0.1
```

```
abhishek@hp ~ as 🧑 took 4ms
↳ sudo hostname bannu
```

```
abhishek@bannu ~ as 🧑 took 44ms
↳ sudo hostname hp-pavilion
```

My traceroute [v0.95]

hp-pavilion (172.17.3.120) → google.com (142.250.77.142)

2023-07-27T22:26:40+0530

Keys: Help Display mode Restart statistics Order of fields quit

Host	Packets			Pings			
	Loss%	Snt	Last	Avg	Best	Wrst	StDev
1. _gateway	0.0%	4	0.4	0.5	0.4	0.6	0.1
2. 115.244.99.161	0.0%	4	3.7	2.3	1.7	3.7	0.9
3. 115.244.223.85	0.0%	3	2.0	4.4	2.0	8.6	3.7
4. (waiting for reply)							
5. 172.16.5.87	0.0%	3	4.1	6.0	3.9	10.0	3.5
6. 172.16.5.87	0.0%	3	3.5	4.0	3.5	4.8	0.7
7. 74.125.50.202	0.0%	3	4.3	4.2	4.0	4.3	0.2
8. 142.251.227.211	0.0%	3	5.3	5.6	5.3	5.9	0.3
9. 142.251.55.207	33.3%	3	3.4	5.0	3.4	6.6	2.2
10. maa05s16-in-f14.1e100.net	0.0%	3	3.5	3.9	3.5	4.3	0.4

abhishek@hp ~ abhishek took 14s

whois abhishekmj.tech

Domain Name: ABHISHEKMJ.TECH

Registry Domain ID: D344899632-CNIC

Registrar WHOIS Server: whois.dotserve.website

Registrar URL: http://dotserve.website

Updated Date: 2023-02-02T01:45:51.0Z

Creation Date: 2023-01-22T02:45:54.0Z

Registry Expiry Date: 2024-01-22T23:59:59.0Z

Registrar: Dotserve Inc

Registrar IANA ID: 1913

Domain Status: clientTransferProhibited <https://icann.org/epp#clientTransferProhibited>

Registrant Organization: N/A

Registrant State/Province: 1739

Registrant Country: IN

Registrant Email: Please query the RDSS service of the Registrar of Record identified in this output for information on how to contact the Registrant, Admin, or Tech contact of the queried domain name.

Admin Email: Please query the RDSS service of the Registrar of Record identified in this output for information on how to contact the Registrant, Admin, or Tech contact of the queried domain name.

Tech Email: Please query the RDSS service of the Registrar of Record identified in this output for information on how to contact the Registrant, Admin, or Tech contact of the queried domain name.

Name Server: NS3.DIGITALOCEAN.COM

Name Server: NS2.DIGITALOCEAN.COM

Name Server: NS1.DIGITALOCEAN.COM

DNSSEC: unsigned

Billing Email: Please query the RDSS service of the Registrar of Record identified in this output for information on how to contact the Registrant, Admin, or Tech contact of the queried domain name.

Registrar Abuse Contact Email: abuse@dotserve.website

Registrar Abuse Contact Phone: +1.4154494774

URL of the ICANN Whois Inaccuracy Complaint Form: <https://www.icann.org/wicf/>

>>> Last update of WHOIS database: 2023-07-27T16:57:43.0Z <<<

For more information on Whois status codes, please visit <https://icann.org/epp>

>>> IMPORTANT INFORMATION ABOUT THE DEPLOYMENT OF RDAP: please visit

[<<<](https://www.centralnic.com/support/rdap)

The Whois and RDAP services are provided by CentralNic, and contain information pertaining to Internet domain names registered by our customers. By using this service you are agreeing (1) not to use any information presented here for any purpose other than determining ownership of domain names, (2) not to store or reproduce this data in

[abhishek@hp in ~ as 🧑 took 952ms
↳ ifplugstatus
lo: link beat detected
wlo1: unplugged
enp4s0f3u1: link beat detected
ap0: unplugged

	12.5Kb	25.0Kb	37.5Kb	50.0Kb	62.5Kb
hp-pavilion		⇒ ec2-44-239-109-225.us-west-2.com		0b	3.01Kb
		≤		0b	6.00Kb
hp-pavilion		⇒ dns.google		3.32Kb	3.57Kb
		≤		3.54Kb	3.97Kb
224.0.0.251		⇒ 172.17.1.52		0b	0b
		≤		4.83Kb	2.28Kb
224.0.0.251		⇒ 172.17.2.20		0b	0b
		≤		1.57Kb	1.49Kb
224.0.0.251		⇒ 172.17.2.113		0b	0b
		≤		0b	1.48Kb
hp-pavilion		⇒ maa03s38-in-f10.1e100.net		904b	301b
		≤		2.63Kb	899b
172.17.255.255		⇒ 172.17.2.207		0b	0b
		≤		3.38Kb	1.12Kb
224.0.0.251		⇒ 172.17.1.57		0b	0b
		≤		420b	1.12Kb
172.17.1.254		⇒ 224.0.0.251		584b	1.03Kb
		≤		0b	0b
broadcasthost		⇒ 0.0.0.0		0b	0b
		≤		2.57Kb	877b
172.17.255.255		⇒ 172.17.2.20		0b	0b
		≤		988b	836b
224.0.0.251		⇒ 172.17.2.22		0b	0b
		≤		0b	655b
224.0.0.251		⇒ 172.17.0.247		0b	0b
		≤		1.84Kb	627b
172.17.255.255		⇒ 172.17.0.176		0b	0b
		≤		1.83Kb	624b
172.17.255.255		⇒ 172.17.0.79		0b	0b
		≤		624b	624b
224.0.0.251		⇒ 172.17.0.176		0b	0b
		≤		740b	591b
224.0.0.251		⇒ 172.17.1.117		0b	0b
		≤		292b	557b
172.17.1.255		⇒ 224.0.0.251		1.35Kb	460b
		≤		0b	0b
224.0.0.251		⇒ 172.17.2.68		0b	0b
		≤		0b	459b
broadcasthost		⇒ _gateway		0b	0b
		≤		1.33Kb	453b
					453b

TX:	cum:	5.20KB	peak:	13.8Kb	rates:	4.36Kb	6.93Kb	6.93Kb
RX:		23.3KB		49.7Kb		33.6Kb	31.1Kb	31.1Kb
TOTAL:		28.5KB		63.4Kb		37.9Kb	38.1Kb	38.1Kb

```
[abhishhek@hp in ~ as 🧑 took 4ms
└─$ sudo iftop -i enp4s0f3u1
interface: enp4s0f3u1
IP address is: 172.17.3.120
MAC address is: 00:e0:4d:6d:60:01
```

	1.56KB	3.12KB	4.69KB	6.25KB	7.81KB
hp-pavilion		⇒ dns.google		247B	422B
		≤		247B	457B
224.0.0.251		⇒ 172.17.1.16		0B	0B
		≤		201B	271B
224.0.0.251		⇒ 172.17.2.105		0B	0B
		≤		388B	266B
hp-pavilion		⇒ 172.17.1.178		0B	168B
		≤		0B	97B
224.0.0.251		⇒ 172.17.3.244		0B	0B
		≤		0B	165B
224.0.0.251		⇒ 172.17.2.9		0B	0B
		≤		0B	156B
172.17.255.255		⇒ 172.17.0.155		0B	0B
		≤		144B	144B
224.0.0.251		⇒ 172.17.1.109		0B	0B
		≤		0B	107B
172.17.255.255		⇒ 172.17.3.80		0B	0B
		≤		78B	88B
224.0.0.251		⇒ 172.17.1.164		0B	0B
		≤		165B	82B
224.0.0.251		⇒ 172.17.0.65		0B	0B
		≤		110B	82B
224.0.0.252		⇒ 172.17.2.105		0B	0B
		≤		129B	77B
224.0.0.251		⇒ 172.17.0.164		0B	0B
		≤		100B	75B
172.17.1.255		⇒ 224.0.0.251		0B	68B
		≤		0B	0B
172.17.255.255		⇒ 172.17.3.244		0B	0B
		≤		0B	58B
172.17.255.255		⇒ 172.17.2.9		0B	0B
		≤		0B	58B
224.0.0.251		⇒ 172.17.2.22		0B	0B
		≤		234B	58B
172.17.255.255		⇒ 172.17.6.54		0B	0B
		≤		0B	58B
172.17.255.255		⇒ 172.17.2.105		0B	0B
		≤		78B	58B
224.0.0.251		⇒ 172.17.1.208		0B	0B
		≤		0B	58B
					58B

TX: [REDACTED] cum: 5.22KB peak: 1.17KB
RX: [REDACTED] 26.8KB 4.81KB
TOTAL: [REDACTED] 32.0KB 5.92KB

rates: 332B 668B 668B
2.93KB 3.35KB 3.35KB
3.26KB 4.00KB 4.00KB

```
[abhishek@hp ~]$ as 🧑 took 3s  
[abhishek@hp ~]$ sudo iftop -i enp4s0f3u1 -B  
interface: enp4s0f3u1  
IP address is: 172.17.3.120  
MAC address is: 00:e0:4d:6d:60:01
```

abhishek@hp in ~ as took 6ms

[●] * sudo tcpdump -i enp4s0f3u1

tcpdump: verbose output suppressed, use -v[v]... for full protocol decode

listening on enp4s0f3u1, link-type EN10MB (Ethernet), snapshot length 262144 bytes

22:34:48.720120 00:04:96:59:25:7b (oui Unknown) > 01:a0:f8:00:00:01 (oui Unknown), ethertype Unknown (0x8783), length 1170:

0x0000:	c00f	0080	100a	0179	ffff	ffff	4659	257by....FY%{
0x0010:	0002	0002	000a	0000	9662	0200	0000	0100b.....
0x0020:	5e00	00fb	3c7d	0a0c	17d7	8100	000a	0800	^...<}.....
0x0030:	4500	0454	beda	0000	ff11	590b	ac10	12a7	E..T.....Y....
0x0040:	e000	00fb	14e9	14e9	0440	544a	0000	8400@TJ....
0x0050:	0000	000c	0000	0006	124e	6163	6869	6b65Nachike
0x0060:	7461	e280	9973	2069	4d61	6308	5f61	6972	ta...s.iMac._air
0x0070:	706c	6179	045f	7463	7005	6c6f	6361	6c00	play._tcp.local.
0x0080:	0010	8001	0000	1194	016b	0561	6374	3d32k.act=2
0x0090:	0561	636c	3d30	1a64	6576	6963	6569	643d	.acl=0.deviceid=
0x00a0:	3343	3a37	443a	3041	3a30	433a	3137	3a44	3C:7D:0A:0C:17:D
0x00b0:	3713	6665	783d	3163	392f	5374	3550	4662	7.fex=1c9/St5PFb
0x00c0:	676d	4951	511e	6665	6174	7572	6573	3d30	gmIQQ.features=0
0x00d0:	7834	4137	4643	4644	352c	3078	4238	3135	x4A7FCFD5,0xB815
0x00e0:	3446	4445	0772	7366	3d30	7838	0b66	6c61	4FDE.rsf=0x8.fl
0x00f0:	6773	3d30	7832	3034	2867	6964	3d35	4144	gs=0x204(gid=5AD
0x0100:	4335	3432	442d	3945	3841	2d34	3646	452d	C542D-9E8A-46FE-
0x0110:	3831	4142	2d32	3944	4646	3141	4130	4144	81AB-29DFF1AA0AD
0x0120:	4205	6967	6c3d	3006	6763	676c	3d30	0e6d	B.igl=0.gcgl=0.m
0x0130:	6f64	656c	3d69	4d61	6332	302c	3104	6174	odel=iMac20,1.at
0x0140:	3d34	0d70	726f	746f	7665	7273	3d31	2e31	=4.protovers=1.1
0x0150:	2770	693d	3931	3961	3538	6533	2d34	6336	'pi=919a58e3-4c6
0x0160:	372d	3439	3661	2d61	6232	342d	3931	3334	7-496a-ab24-9134
0x0170:	3532	3734	3837	3330	2870	7369	3d34	3843	52748730(psi=480
0x0180:	3037	3337	352d	4141	3036	2d34	3033	392d	07375-AA06-4039-
0x0190:	3846	3931	2d43	4431	3738	4241	4132	3341	8F91-CD178BAA23A
0x01a0:	3743	706b	3d39	6339	6562	3037	3965	3336	7Cpk=9c9eb079e36
0x01b0:	3737	3662	3538	3864	6436	3961	3335	6466	776b588dd69a35df
0x01c0:	3535	3235	6230	6431	6666	3164	3733	6339	5525b0d1ff1d73c9
0x01d0:	3439	6532	6466	6561	3234	3562	3936	3236	49e2dfa245b9626
0x01e0:	3738	3163	390f	7372	6376	6572	733d	3639	781c9.srcvers=69
0x01f0:	302e	372e	3109	5f73	6572	7669	6365	7307	0.7.1._services.
0x0200:	5f64	6e73	2d73	6404	5f75	6470	c02d	000c	_dns-sd._udp.-..
0x0210:	0001	0000	1194	0002	c01f	c01f	000c	0001
0x0220:	0000	1194	0002	c00c	1f33	4337	4430	41303C7D0A0
0x0230:	4331	3744	3740	4e61	6368	696b	6574	61e2	C17D7@Nachiketa.
0x0240:	8099	7320	694d	6163	055f	7261	6f70	c028	..s.iMac._raop.(

```
0x0030: 4500 00cb 929d 0000 0111 8996 ac11 00e3 E.....  
0x0040: efff fffa f8bd 076c 00b7 fbee 4d2d 5345 .....l....M-SE  
0x0050: 4152 4348 202a 2048 5454 502f 312e 310d ARCH.*.HTTP/1.1.  
0x0060: 0a48 4f53 543a 2032 3339 2e32 3535 2e32 .HOST:.239.255.2  
0x0070: 3535 2e32 3530 3a31 3930 300d 0a4d 414e 55.250:1900..MAN  
0x0080: 3a20 2273 7364 703a 6469 7363 6f76 6572 :"ssdp:discover  
0x0090: 220d 0a4d 583a 2031 0d0a 5354 3a20 7572 "..MX:.1..ST:.ur  
0x00a0: 6e3a 6469 616c 2d6d 756c 7469 7363 7265 n:dial-multiscre  
0x00b0: 656e 2d6f 7267 3a73 6572 7669 6365 3a64 en-org:service:d  
0x00c0: 6961 6c3a 310d 0a55 5345 522d 4147 454e ial:1..USER-AGEN  
0x00d0: 543a 2047 6f6f 676c 6520 4368 726f 6d65 T:.Google.Chrome  
0x00e0: 2f31 3135 2e30 2e35 3739 302e 3131 3020 /115.0.5790.110.  
0x00f0: 5769 6e64 6f77 730d 0a0d 0a Windows....
```

22:34:49.174589 00:04:96:59:25:7b (oui Unknown) > 01:a0:f8:00:00:01 (oui Unknown), ethertype Unknown (0x8783), length 108:

```
0x0000: c00f 005a 100a 0979 ffff ffff 4659 257b ...Z...y....FY%{  
0x0010: 0002 0002 000e 0002 96f0 0200 0000 ffff .....  
0x0020: ffff ffff 4403 7751 c894 8100 000e 0806 ....D.wQ.....  
0x0030: 0001 0800 0604 0001 4403 7751 c894 0000 .....D.wQ....  
0x0040: 0000 ffff ffff ffff ac15 0224 0000 0000 .....$....  
0x0050: 0000 0000 0000 0000 0000 0000 0000 .....
```

22:34:49.176069 ARP, Request who-has 172.17.34.233 tell 172.17.0.126, length 46

22:34:49.176729 00:04:96:59:25:7b (oui Unknown) > 01:a0:f8:00:00:01 (oui Unknown), ethertype Unknown (0x8783), length 108:

```
0x0000: c003 005a 1009 0919 ffff ffff 4659 24e1 ...Z.....FY$.  
0x0010: 0002 0002 000b 0002 3b5c 0200 0000 ffff .....;\.....  
0x0020: ffff ffff c858 95b1 712d 8100 000b 0806 ....X..q-.....  
0x0030: 0001 0800 0604 0001 c858 95b1 712d ac11 .....X..q-..  
0x0040: 007e 0000 0000 0000 ac11 22e9 0000 0000 ..~.....".  
0x0050: 0000 0000 0000 0000 0000 0000 0000 .....
```

22:34:49.176729 00:04:96:59:25:7b (oui Unknown) > 01:a0:f8:00:00:01 (oui Unknown), ethertype Unknown (0x8783), length 108:

```
0x0000: c011 005a 100a 0989 ffff ffff 4659 257b ...Z.....FY%{  
0x0010: 0002 0002 000a 0002 96f1 0200 0000 ffff .....  
0x0020: ffff ffff 040e 3c14 0f2b 8100 000a 0806 .....<..+.....  
0x0030: 0001 0800 0604 0001 040e 3c14 0f2b ac10 .....<..+..  
0x0040: 11b7 0000 0000 0000 ac10 1248 0000 0000 .....H....  
0x0050: 0000 0000 0000 0000 0000 0000 0000 .....
```

^C22:34:49.181484 IP6 fe80::faeb:5841:15f6:bf4d.dhcpv6-client > ff02::1:2.dhcpv6-server: dhcp6 solicit

290 packets captured

17549 packets received by filter

16839 packets dropped by kernel

```
abhishek@hp ~ as 🕵 took 30s
└─$ sudo tcpdump -i enp4s0f3u1 tcp
tcpdump: verbose output suppressed, use -v[v]... for full protocol decode
listening on enp4s0f3u1, link-type EN10MB (Ethernet), snapshot length 262144 bytes
22:36:18.250060 IP ec2-44-239-109-225.us-west-2.compute.amazonaws.com.https > hp-pavilion.36130
: Flags [P.], seq 1413543789:1413543840, ack 3985831065, win 122, options [nop,nop,TS val 10312
206 ecr 2436959870], length 51
22:36:18.250595 IP hp-pavilion.36130 > ec2-44-239-109-225.us-west-2.compute.amazonaws.com.https
: Flags [P.], seq 1:248, ack 51, win 501, options [nop,nop,TS val 2436960105 ecr 10312206], len
gth 247
22:36:18.250729 IP hp-pavilion.36130 > ec2-44-239-109-225.us-west-2.compute.amazonaws.com.https
: Flags [P.], seq 248:803, ack 51, win 501, options [nop,nop,TS val 2436960105 ecr 10312206], l
ength 555
22:36:18.251135 IP ec2-44-239-109-225.us-west-2.compute.amazonaws.com.https > hp-pavilion.36130
: Flags [.], ack 248, win 130, options [nop,nop,TS val 10312206 ecr 2436960105], length 0
22:36:18.251136 IP ec2-44-239-109-225.us-west-2.compute.amazonaws.com.https > hp-pavilion.36130
: Flags [.], ack 803, win 139, options [nop,nop,TS val 10312206 ecr 2436960105], length 0
22:36:18.512881 IP ec2-44-239-109-225.us-west-2.compute.amazonaws.com.https > hp-pavilion.36130
: Flags [P.], seq 51:639, ack 803, win 139, options [nop,nop,TS val 10312232 ecr 2436960105], l
ength 588
22:36:18.553186 IP hp-pavilion.36130 > ec2-44-239-109-225.us-west-2.compute.amazonaws.com.https
: Flags [.], ack 639, win 501, options [nop,nop,TS val 2436960408 ecr 10312232], length 0
^C
7 packets captured
7 packets received by filter
0 packets dropped by kernel
```