PART A:

1.

Testmyspeed.com – DL : 68.50 Mb/s , UL : 17.02 Mb/s

Speedtest.net – DL : 97.81 Mb/s, UL : 120.83 Mb/s, Ping : 6 ms

2.

(b)

C:\Users\Shreshth Tuli\source>ping www.google.com

Pinging www.google.com [216.58.221.36] with 32 bytes of data:

Reply from 216.58.221.36: bytes=32 time=5ms TTL=50

Reply from 216.58.221.36: bytes=32 time=5ms TTL=50

Reply from 216.58.221.36: bytes=32 time=5ms TTL=50

Reply from 216.58.221.36: bytes=32 time=6ms TTL=50

Ping statistics for 216.58.221.36:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 5ms, Maximum = 6ms, Average = 5ms

C:\Users\Shreshth Tuli\source>ping www.harvard.edu

Pinging www.harvard.edu.cdn.cloudflare.net [104.16.155.6] with 32 bytes of data:

Reply from 104.16.155.6: bytes=32 time=46ms TTL=52

Reply from 104.16.155.6: bytes=32 time=47ms TTL=52

Reply from 104.16.155.6: bytes=32 time=46ms TTL=52

Reply from 104.16.155.6: bytes=32 time=46ms TTL=52

Ping statistics for 104.16.155.6:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 46ms, Maximum = 47ms, Average = 46ms

C:\Users\Shreshth Tuli\source>ping www.iitd.ac.in

Pinging www.iitd.ac.in [10.7.174.111] with 32 bytes of data:

Reply from 10.7.174.111: bytes=32 time=2ms TTL=61

Reply from 10.7.174.111: bytes=32 time=3ms TTL=61

Reply from 10.7.174.111: bytes=32 time=2ms TTL=61

Reply from 10.7.174.111: bytes=32 time=2ms TTL=61

Ping statistics for 10.7.174.111:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 2ms, Maximum = 3ms, Average = 2ms

C:\Users\Shreshth Tuli\source>

3.

(a)

C:\Users\Shreshth Tuli\source>ipconfig

Windows IP Configuration

Wireless LAN adapter Local Area Connection\* 1:

Media State . . . . . . . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection\* 2:

Media State . . . . . . . . . . . : Media disconnected

Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . : iitd.ac.in

Link-local IPv6 Address . . . . . : fe80::9c2f:be9d:dbb8:e3a2%9

IPv4 Address. . . . . . . . . . . : 10.194.6.251

Subnet Mask . . . . . . . . . . . : 255.255.224.0

Default Gateway . . . . . . . . . : 10.194.0.1

4.

C:\Users\Shreshth Tuli\source>tracert www.iitd.ac.in

Tracing route to www.iitd.ac.in [10.7.174.111]

over a maximum of 30 hops:

1 2 ms 2 ms 2 ms 10.194.0.14

2 3 ms 2 ms 2 ms 10.254.238.1

3 6 ms 3 ms 2 ms 10.254.236.18

4 3 ms 2 ms 2 ms www.iitd.ac.in [10.7.174.111]

Trace complete.

C:\Users\Shreshth Tuli\source>tracert www.cse.iitd.ac.in

Tracing route to bahar.cse.iitd.ac.in [10.208.20.4]

over a maximum of 30 hops:

1 2 ms 2 ms 2 ms 10.194.0.14

2 3 ms 3 ms 2 ms 10.254.238.1

3 4 ms 6 ms 5 ms 10.254.208.2

4 2 ms 2 ms 2 ms 10.208.20.4

Trace complete.

5.

C:\Users\Shreshth Tuli\source>arp -a

Interface: 10.194.6.251 --- 0x9

Internet Address Physical Address Type

**10.194.0.1 00-00-5e-00-01-de dynamic**

10.194.31.255 ff-ff-ff-ff-ff-ff static

224.0.0.22 01-00-5e-00-00-16 static

224.0.0.251 01-00-5e-00-00-fb static

224.0.0.252 01-00-5e-00-00-fc static

232.0.1.0 01-00-5e-00-01-00 static

239.255.255.250 01-00-5e-7f-ff-fa static

255.255.255.255 ff-ff-ff-ff-ff-ff static

6.

C:\Users\Shreshth Tuli\source>nmap -n -sP 10.194.6.0/24

Starting Nmap 7.70 ( https://nmap.org ) at 2018-08-14 12:43 India Standard Time

Nmap scan report for 10.194.6.13

Host is up (0.024s latency).

MAC Address: 4C:49:E3:72:B5:95 (Xiaomi Communications)

Nmap scan report for 10.194.6.19

Host is up (0.0050s latency).

MAC Address: AC:29:3A:E7:89:A4 (Apple)

Nmap scan report for 10.194.6.21

Host is up (0.0010s latency).

MAC Address: 74:23:44:41:06:0F (Xiaomi Communications)

Nmap scan report for 10.194.6.43

Host is up (0.0060s latency).

MAC Address: 64:A2:F9:0B:14:B2 (Unknown)

Nmap scan report for 10.194.6.56

Host is up (0.013s latency).

MAC Address: F8:2F:A8:DD:C9:55 (Hon Hai Precision Ind.)

Nmap scan report for 10.194.6.63

Host is up (0.028s latency).

MAC Address: B4:EF:FA:14:2F:E1 (Lemobile Information Technology (Beijing))

Nmap scan report for 10.194.6.67

Host is up (0.023s latency).

MAC Address: DC:72:9B:6F:D3:CA (Unknown)

Nmap scan report for 10.194.6.73

Host is up (0.0060s latency).

MAC Address: EC:D0:9F:56:09:49 (Xiaomi Communications)

Nmap scan report for 10.194.6.75

Host is up (0.039s latency).

MAC Address: 20:82:C0:F5:F7:45 (Xiaomi Communications)

Nmap scan report for 10.194.6.91

Host is up (0.032s latency).

MAC Address: D8:32:E3:63:81:5A (Unknown)

Nmap scan report for 10.194.6.109

Host is up (0.0090s latency).

MAC Address: 38:E6:0A:1A:22:91 (Unknown)

Nmap scan report for 10.194.6.132

Host is up (0.016s latency).

MAC Address: C8:25:E1:22:81:A6 (Lemobile Information Technology (Beijing))

Nmap scan report for 10.194.6.134

Host is up (0.010s latency).

MAC Address: EC:D0:9F:3B:90:82 (Xiaomi Communications)

Nmap scan report for 10.194.6.143

Host is up (0.022s latency).

MAC Address: 38:E6:0A:D9:EA:22 (Unknown)

Nmap scan report for 10.194.6.145

Host is up (0.018s latency).

MAC Address: 50:8F:4C:9A:0E:97 (Xiaomi Communications)

Nmap scan report for 10.194.6.151

Host is up (0.0050s latency).

MAC Address: 6C:AB:31:4C:99:F4 (Apple)

Nmap scan report for 10.194.6.152

Host is up (0.0010s latency).

MAC Address: A8:96:75:5B:85:80 (Motorola Mobility, a Lenovo Company)

Nmap scan report for 10.194.6.158

Host is up (0.013s latency).

MAC Address: CC:2D:B7:F1:5F:F3 (Unknown)

Nmap scan report for 10.194.6.163

Host is up (0.010s latency).

MAC Address: 64:A2:F9:58:D5:E9 (Unknown)

Nmap scan report for 10.194.6.176

Host is up (0.020s latency).

MAC Address: 10:08:B1:D2:50:C3 (Hon Hai Precision Ind.)

Nmap scan report for 10.194.6.193

Host is up (0.021s latency).

MAC Address: D8:9A:34:76:B4:B8 (Beijing Shenqi Technology)

Nmap scan report for 10.194.6.201

Host is up (0.0040s latency).

MAC Address: EC:51:BC:4C:4D:1B (Guangdong Oppo Mobile Telecommunications)

Nmap scan report for 10.194.6.212

Host is up (0.024s latency).

MAC Address: C0:EE:FB:73:2B:EF (OnePlus Tech (Shenzhen))

Nmap scan report for 10.194.6.221

Host is up (0.0060s latency).

MAC Address: D8:32:E3:60:0E:0E (Unknown)

Nmap scan report for 10.194.6.229

Host is up (0.012s latency).

MAC Address: D0:04:01:21:A9:13 (Motorola Mobility, a Lenovo Company)

Nmap scan report for 10.194.6.236

Host is up (0.0070s latency).

MAC Address: 60:6C:66:AF:BC:75 (Intel Corporate)

Nmap scan report for 10.194.6.238

Host is up (0.0030s latency).

MAC Address: 40:4E:36:87:9E:FD (HTC)

Nmap scan report for 10.194.6.241

Host is up (0.021s latency).

MAC Address: 6C:AB:31:4B:F3:D4 (Apple)

Nmap scan report for 10.194.6.245

Host is up (0.015s latency).

MAC Address: A0:56:F3:F1:32:8F (Unknown)

Nmap scan report for 10.194.6.251

Host is up.

Nmap done: 256 IP addresses (30 hosts up) scanned in 2.26 seconds

C:\Users\Shreshth Tuli\source>nmap -n -sP 10.208.26.0/24

Starting Nmap 7.70 ( https://nmap.org ) at 2018-08-14 12:53 India Standard Time

Nmap scan report for 10.208.26.1

Host is up (0.0030s latency).

Nmap scan report for 10.208.26.127

Host is up (0.046s latency).

Nmap scan report for 10.208.26.145

Host is up (0.0010s latency).

Nmap scan report for 10.208.26.146

Host is up (0.029s latency).

Nmap scan report for 10.208.26.148

Host is up (0.054s latency).

Nmap scan report for 10.208.26.160

Host is up (0.010s latency).

Nmap scan report for 10.208.26.165

Host is up (0.017s latency).

Nmap scan report for 10.208.26.170

Host is up (0.011s latency).

Nmap scan report for 10.208.26.175

Host is up (0.026s latency).

Nmap scan report for 10.208.26.179

Host is up (0.013s latency).

Nmap scan report for 10.208.26.184

Host is up (0.055s latency).

Nmap scan report for 10.208.26.187

Host is up (0.046s latency).

Nmap scan report for 10.208.26.201

Host is up (0.0080s latency).

Nmap scan report for 10.208.26.202

Host is up (0.0040s latency).

Nmap scan report for 10.208.26.211

Host is up (0.029s latency).

Nmap scan report for 10.208.26.216

Host is up (0.0090s latency).

Nmap scan report for 10.208.26.221

Host is up (0.052s latency).

Nmap scan report for 10.208.26.222

Host is up (0.049s latency).

Nmap scan report for 10.208.26.224

Host is up (0.040s latency).

Nmap scan report for 10.208.26.238

Host is up (0.050s latency).

Nmap scan report for 10.208.26.241

Host is up (0.045s latency).

Nmap scan report for 10.208.26.248

Host is up (0.018s latency).

Nmap scan report for 10.208.26.254

Host is up (0.031s latency).

Nmap done: 256 IP addresses (23 hosts up) scanned in 6.41 seconds

C:\Users\Shreshth Tuli\source>nmap -n 10.208.26.0/24

Nmap scan report for 10.208.26.1

Host is up (0.0073s latency).

Not shown: 997 closed ports

PORT STATE SERVICE

22/tcp open ssh

23/tcp open telnet

80/tcp open http

Nmap scan report for 10.208.26.145

Host is up (0.0073s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

22/tcp open ssh

3389/tcp open ms-wbt-server

Nmap scan report for 10.208.26.146

Host is up (0.012s latency).

All 1000 scanned ports on 10.208.26.146 are filtered

Nmap scan report for 10.208.26.148

Host is up (0.0074s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

5900/tcp open vnc

Nmap scan report for 10.208.26.160

Host is up (0.0091s latency).

All 1000 scanned ports on 10.208.26.160 are closed

Nmap scan report for 10.208.26.165

Host is up (0.0093s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

22/tcp open ssh

3389/tcp open ms-wbt-server

Nmap scan report for 10.208.26.169

Host is up (0.023s latency).

All 1000 scanned ports on 10.208.26.169 are closed (633) or filtered (367)

Nmap scan report for 10.208.26.170

Host is up (0.017s latency).

Not shown: 991 filtered ports

PORT STATE SERVICE

135/tcp open msrpc

3389/tcp open ms-wbt-server

49152/tcp open unknown

49153/tcp open unknown

49154/tcp open unknown

49155/tcp open unknown

49156/tcp open unknown

49157/tcp open unknown

49158/tcp closed unknown

Nmap scan report for 10.208.26.175

Host is up (0.0056s latency).

Not shown: 995 closed ports

PORT STATE SERVICE

80/tcp open http

443/tcp open https

515/tcp open printer

631/tcp open ipp

9100/tcp open jetdirect

Nmap scan report for 10.208.26.179

Host is up (0.0094s latency).

Not shown: 995 closed ports

PORT STATE SERVICE

80/tcp open http

554/tcp open rtsp

880/tcp open unknown

8000/tcp open http-alt

9010/tcp open sdr

Nmap scan report for 10.208.26.184

Host is up (0.0064s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

22/tcp open ssh

Nmap scan report for 10.208.26.187

Host is up (0.0064s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

22/tcp open ssh

Nmap scan report for 10.208.26.201

Host is up (0.0082s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

80/tcp open http

5900/tcp open vnc

Nmap scan report for 10.208.26.202

Host is up (0.0020s latency).

All 1000 scanned ports on 10.208.26.202 are closed

Nmap scan report for 10.208.26.211

Host is up (0.0078s latency).

All 1000 scanned ports on 10.208.26.211 are closed

Nmap scan report for 10.208.26.216

Host is up (0.0021s latency).

Not shown: 997 filtered ports

PORT STATE SERVICE

25/tcp open smtp

515/tcp open printer

9100/tcp open jetdirect

Nmap scan report for 10.208.26.221

Host is up (0.0054s latency).

All 1000 scanned ports on 10.208.26.221 are closed

Nmap scan report for 10.208.26.222

Host is up (0.0071s latency).

Not shown: 995 closed ports

PORT STATE SERVICE

80/tcp open http

554/tcp open rtsp

880/tcp open unknown

8000/tcp open http-alt

9010/tcp open sdr

Nmap scan report for 10.208.26.224

Host is up (0.026s latency).

All 1000 scanned ports on 10.208.26.224 are filtered

Nmap scan report for 10.208.26.238

Host is up (0.010s latency).

All 1000 scanned ports on 10.208.26.238 are closed

Nmap scan report for 10.208.26.241

Host is up (0.0079s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

22/tcp open ssh

3389/tcp open ms-wbt-server

Nmap scan report for 10.208.26.248

Host is up (0.0090s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

3389/tcp open ms-wbt-server

Nmap scan report for 10.208.26.254

Host is up (0.0097s latency).

Not shown: 993 closed ports

PORT STATE SERVICE

135/tcp open msrpc

139/tcp open netbios-ssn

445/tcp open microsoft-ds

49152/tcp open unknown

49153/tcp open unknown

49154/tcp open unknown

49160/tcp open unknown

Nmap done: 256 IP addresses (23 hosts up) scanned in 606.66 seconds

C:\Users\Shreshth Tuli\source>nmap -n -O 10.208.26.0/24

Starting Nmap 7.70 ( https://nmap.org ) at 2018-08-14 12:39 India Standard Time

Nmap scan report for 10.208.26.1

Host is up (0.022s latency).

Not shown: 997 closed ports

PORT STATE SERVICE

22/tcp open ssh

23/tcp open telnet

80/tcp open http

Aggressive OS guesses: Cisco Catalyst 2950 switch (IOS 12.1) (97%), Cisco ASR 1002 router (97%), Cisco 2960 switch (IOS 12.2) (96%), Cisco Catalyst 1900, 2820, 2960, 3560, 3750, 4500, or 6513 switch (IOS 12.2) (96%), Cisco Catalyst 3500-series switch (IOS 12.2) (96%), Cisco Catalyst 2960 switch (IOS 12.2) (96%), Cisco uBR10012 broadband router (96%), Cisco IOS 12.4 or IOS-XE 15.3 (95%), Cisco Catalyst 2960, 3560, or 6500 switch (IOS 12.2) (95%), Cisco Catalyst 3560 or 6500-series switch (IOS 12.1 - 12.2) (95%)

No exact OS matches for host (test conditions non-ideal).

Nmap scan report for 10.208.26.145

Host is up (0.018s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

22/tcp open ssh

3389/tcp open ms-wbt-server

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=22%CT=1%CU=35522%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=FC%GCD=1%ISR=10D%TI=Z%CI=I%II=I%TS=A)

OS:SEQ(CI=I%II=I)OPS(O1=M218ST11NW7%O2=M218ST11NW7%O3=M218NNT11NW7%O4=M218S

OS:T11NW7%O5=M218ST11NW7%O6=M218ST11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W5

OS:=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y%

OS:T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=

OS:R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%T

OS:=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=

OS:0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE(

OS:R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.146

Host is up (0.041s latency).

All 1000 scanned ports on 10.208.26.146 are filtered

Too many fingerprints match this host to give specific OS details

Nmap scan report for 10.208.26.148

Host is up (0.020s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

5900/tcp open vnc

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=5900%CT=1%CU=41599%PV=Y%DS=4%DC=I%G=Y%TM=5B728

OS:250%P=i686-pc-windows-windows)SEQ(SP=105%GCD=1%ISR=105%TI=Z%CI=I%II=I%TS

OS:=A)SEQ(TI=Z%CI=I%II=I%TS=C)OPS(O1=M218ST11NW7%O2=M218ST11NW7%O3=M218NNT1

OS:1NW7%O4=M218ST11NW7%O5=M218ST11NW7%O6=M218ST11)WIN(W1=7120%W2=7120%W3=71

OS:20%W4=7120%W5=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218%CC=N%Q=)T1(R=

OS:Y%DF=Y%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A

OS:%A=Z%F=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y

OS:%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR

OS:%O=%RD=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RU

OS:D=G)IE(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.160

Host is up (0.022s latency).

All 1000 scanned ports on 10.208.26.160 are closed

Too many fingerprints match this host to give specific OS details

Network Distance: 4 hops

Nmap scan report for 10.208.26.165

Host is up (0.019s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

22/tcp open ssh

3389/tcp open ms-wbt-server

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=22%CT=1%CU=31598%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=105%GCD=1%ISR=106%TI=Z%CI=I%TS=8)SEQ(

OS:SP=105%GCD=1%ISR=107%TI=Z%CI=I%II=I%TS=9)SEQ(CI=I%II=I)OPS(O1=M218ST11NW

OS:7%O2=M218ST11NW7%O3=M218NNT11NW7%O4=M218ST11NW7%O5=M218ST11NW7%O6=M218ST

OS:11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W5=7120%W6=7120)ECN(R=Y%DF=Y%T=40

OS:%W=7210%O=M218NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R

OS:=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W

OS:=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)

OS:T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%U

OS:N=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.170

Host is up (0.016s latency).

Not shown: 991 filtered ports

PORT STATE SERVICE

135/tcp open msrpc

3389/tcp open ms-wbt-server

49152/tcp open unknown

49153/tcp open unknown

49154/tcp open unknown

49155/tcp open unknown

49156/tcp open unknown

49157/tcp open unknown

49158/tcp closed unknown

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=135%CT=49158%CU=33291%PV=Y%DS=4%DC=I%G=Y%TM=5B

OS:728250%P=i686-pc-windows-windows)SEQ(SP=103%GCD=1%ISR=10A%TI=I%CI=I%TS=7

OS:)OPS(O1=M218NW8ST11%O2=M218NW8ST11%O3=M218NW8NNT11%O4=M218NW8ST11%O5=M21

OS:8NW8ST11%O6=M218ST11)WIN(W1=2000%W2=2000%W3=2000%W4=2000%W5=2000%W6=2000

OS:)ECN(R=Y%DF=Y%T=80%W=2000%O=M218NW8NNS%CC=N%Q=)T1(R=Y%DF=Y%T=80%S=O%A=S+

OS:%F=AS%RD=0%Q=)T2(R=Y%DF=Y%T=80%W=0%S=Z%A=S%F=AR%O=%RD=0%Q=)T3(R=Y%DF=Y%T

OS:=80%W=0%S=Z%A=O%F=AR%O=%RD=0%Q=)T4(R=Y%DF=Y%T=80%W=0%S=A%A=O%F=R%O=%RD=0

OS:%Q=)T5(R=Y%DF=Y%T=80%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%T=80%W=0%S

OS:=A%A=O%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=80%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)U1(R

OS:=Y%DF=N%T=80%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE(R=N)

Network Distance: 4 hops

Nmap scan report for 10.208.26.175

Host is up (0.017s latency).

Not shown: 995 closed ports

PORT STATE SERVICE

80/tcp open http

443/tcp open https

515/tcp open printer

631/tcp open ipp

9100/tcp open jetdirect

Device type: media device|printer|webcam|WAP

Running (JUST GUESSING): Frontier Silicon embedded (91%), Canon embedded (91%), Leica embedded (89%), Brother embedded (89%), Olympus embedded (89%), Novatel embedded (88%)

OS CPE: cpe:/h:canon:imageclass\_mf212w cpe:/h:brother:mfc-7820n cpe:/h:olympus:stylus\_sh-2 cpe:/h:novatel:mifi\_4620l

Aggressive OS guesses: Frontier Silicon internet radio (91%), Canon imageCLASS MF212w printer (91%), Leica T camera (89%), Brother MFC-7820N printer (89%), Olympus Stylus SH-2 camera (89%), Novatel MiFi 4620L WAP (88%), Canon imageCLASS MF4500-, MF4700-, or MF4800-series printer (85%), Brother HL-5070N printer (85%)

No exact OS matches for host (test conditions non-ideal).

Network Distance: 57 hops

Nmap scan report for 10.208.26.179

Host is up (0.022s latency).

Not shown: 995 closed ports

PORT STATE SERVICE

80/tcp open http

554/tcp open rtsp

880/tcp open unknown

8000/tcp open http-alt

9010/tcp open sdr

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=80%CT=1%CU=40139%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=103%GCD=1%ISR=10B%TI=Z%CI=I%II=I%TS=7

OS:)SEQ(CI=I%II=I)OPS(O1=M218ST11NW4%O2=M218ST11NW4%O3=M218NNT11NW4%O4=M218

OS:ST11NW4%O5=M218ST11NW4%O6=M218ST11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W

OS:5=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218NNSNW4%CC=Y%Q=)T1(R=Y%DF=Y

OS:%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F

OS:=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%

OS:T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD

OS:=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE

OS:(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.184

Host is up (0.021s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

22/tcp open ssh

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=22%CT=1%CU=39608%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=105%GCD=1%ISR=109%TI=Z%CI=I%II=I%TS=A

OS:)SEQ(CI=I%II=I)OPS(O1=M218ST11NW7%O2=M218ST11NW7%O3=M218NNT11NW7%O4=M218

OS:ST11NW7%O5=M218ST11NW7%O6=M218ST11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W

OS:5=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y

OS:%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F

OS:=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%

OS:T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD

OS:=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE

OS:(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.187

Host is up (0.019s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

22/tcp open ssh

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=22%CT=1%CU=33229%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=104%GCD=1%ISR=108%TI=Z%CI=I%II=I%TS=8

OS:)SEQ(CI=I%II=I)OPS(O1=M218ST11NW7%O2=M218ST11NW7%O3=M218NNT11NW7%O4=M218

OS:ST11NW7%O5=M218ST11NW7%O6=M218ST11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W

OS:5=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y

OS:%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F

OS:=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%

OS:T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD

OS:=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE

OS:(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.201

Host is up (0.019s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

80/tcp open http

5900/tcp open vnc

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=80%CT=1%CU=43102%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=100%GCD=1%ISR=10D%TI=Z%CI=I%II=I%TS=A

OS:)SEQ(CI=I%II=I)OPS(O1=M218ST11NW7%O2=M218ST11NW7%O3=M218NNT11NW7%O4=M218

OS:ST11NW7%O5=M218ST11NW7%O6=M218ST11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W

OS:5=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y

OS:%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F

OS:=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%

OS:T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD

OS:=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE

OS:(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.202

Host is up (0.012s latency).

All 1000 scanned ports on 10.208.26.202 are closed

Too many fingerprints match this host to give specific OS details

Network Distance: 4 hops

Nmap scan report for 10.208.26.211

Host is up (0.013s latency).

All 1000 scanned ports on 10.208.26.211 are closed

Too many fingerprints match this host to give specific OS details

Network Distance: 4 hops

Nmap scan report for 10.208.26.216

Host is up (0.013s latency).

Not shown: 997 filtered ports

PORT STATE SERVICE

80/tcp open http

515/tcp open printer

9100/tcp open jetdirect

Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port

Aggressive OS guesses: Lantronix XPress-DR+ serial-to-Ethernet bridge (93%), Lantronix XPort embedded Ethernet device server (93%), Samsung CLP-310N or CLX-3175RW, or Xerox Phaser 6110 printer (89%), Samsung CLX-3160FN printer (89%), D-Link DIR-835 WAP (87%), ESI ESI-100 VoIP adapter (87%), Crestron XPanel control system (86%), Nintendo Wii game console (85%), Aastra A510 VoIP phone (85%)

No exact OS matches for host (test conditions non-ideal).

Nmap scan report for 10.208.26.221

Host is up (0.022s latency).

All 1000 scanned ports on 10.208.26.221 are closed

Too many fingerprints match this host to give specific OS details

Network Distance: 4 hops

Nmap scan report for 10.208.26.222

Host is up (0.018s latency).

Not shown: 995 closed ports

PORT STATE SERVICE

80/tcp open http

554/tcp open rtsp

880/tcp open unknown

8000/tcp open http-alt

9010/tcp open sdr

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=80%CT=1%CU=36377%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=101%GCD=1%ISR=10F%TI=Z%CI=I%II=I%TS=7

OS:)SEQ(CI=I%II=I)OPS(O1=M218ST11NW4%O2=M218ST11NW4%O3=M218NNT11NW4%O4=M218

OS:ST11NW4%O5=M218ST11NW4%O6=M218ST11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W

OS:5=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218NNSNW4%CC=Y%Q=)T1(R=Y%DF=Y

OS:%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F

OS:=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%

OS:T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD

OS:=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE

OS:(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.224

Host is up (0.035s latency).

All 1000 scanned ports on 10.208.26.224 are filtered

Too many fingerprints match this host to give specific OS details

Nmap scan report for 10.208.26.238

Host is up (0.019s latency).

All 1000 scanned ports on 10.208.26.238 are closed

Too many fingerprints match this host to give specific OS details

Network Distance: 4 hops

Nmap scan report for 10.208.26.241

Host is up (0.019s latency).

Not shown: 998 closed ports

PORT STATE SERVICE

22/tcp open ssh

3389/tcp open ms-wbt-server

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=22%CT=1%CU=39874%PV=Y%DS=4%DC=I%G=Y%TM=5B72825

OS:0%P=i686-pc-windows-windows)SEQ(SP=105%GCD=1%ISR=10D%TI=Z%CI=I%II=I%TS=A

OS:)SEQ(SP=106%GCD=1%ISR=10D%TI=Z%CI=I%TS=A)SEQ(CI=I%II=I)OPS(O1=M218ST11NW

OS:7%O2=M218ST11NW7%O3=M218NNT11NW7%O4=M218ST11NW7%O5=M218ST11NW7%O6=M218ST

OS:11)WIN(W1=7120%W2=7120%W3=7120%W4=7120%W5=7120%W6=7120)ECN(R=Y%DF=Y%T=40

OS:%W=7210%O=M218NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R

OS:=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W

OS:=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)

OS:T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%U

OS:N=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.248

Host is up (0.017s latency).

Not shown: 999 closed ports

PORT STATE SERVICE

3389/tcp open ms-wbt-server

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=3389%CT=1%CU=33571%PV=Y%DS=4%DC=I%G=Y%TM=5B728

OS:250%P=i686-pc-windows-windows)SEQ(SP=108%GCD=1%ISR=10B%TI=Z%CI=I%II=I%TS

OS:=8)SEQ(CI=I%II=I)OPS(O1=M218ST11NW7%O2=M218ST11NW7%O3=M218NNT11NW7%O4=M2

OS:18ST11NW7%O5=M218ST11NW7%O6=M218ST11)WIN(W1=7120%W2=7120%W3=7120%W4=7120

OS:%W5=7120%W6=7120)ECN(R=Y%DF=Y%T=40%W=7210%O=M218NNSNW7%CC=Y%Q=)T1(R=Y%DF

OS:=Y%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z

OS:%F=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=

OS:Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%

OS:RD=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID=G%RIPCK=G%RUCK=G%RUD=G)

OS:IE(R=Y%DFI=N%T=40%CD=S)

Network Distance: 4 hops

Nmap scan report for 10.208.26.254

Host is up (0.020s latency).

Not shown: 993 closed ports

PORT STATE SERVICE

135/tcp open msrpc

139/tcp open netbios-ssn

445/tcp open microsoft-ds

49152/tcp open unknown

49153/tcp open unknown

49154/tcp open unknown

49160/tcp open unknown

No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).

TCP/IP fingerprint:

OS:SCAN(V=7.70%E=4%D=8/14%OT=135%CT=1%CU=42177%PV=Y%DS=4%DC=I%G=Y%TM=5B7282

OS:50%P=i686-pc-windows-windows)SEQ(SP=103%GCD=1%ISR=10E%CI=I%II=I%TS=7)SEQ

OS:(SP=103%GCD=1%ISR=10E%II=I%TS=7)OPS(O1=M218NW8ST11%O2=M218NW8ST11%O3=M21

OS:8NW8NNT11%O4=M218NW8ST11%O5=M218NW8ST11%O6=M218ST11)WIN(W1=2000%W2=2000%

OS:W3=2000%W4=2000%W5=2000%W6=2000)ECN(R=Y%DF=Y%T=80%W=2000%O=M218NW8NNS%CC

OS:=N%Q=)T1(R=Y%DF=Y%T=80%S=O%A=S+%F=AS%RD=0%Q=)T2(R=Y%DF=Y%T=80%W=0%S=Z%A=

OS:S%F=AR%O=%RD=0%Q=)T3(R=Y%DF=Y%T=80%W=0%S=Z%A=O%F=AR%O=%RD=0%Q=)T4(R=Y%DF

OS:=Y%T=80%W=0%S=A%A=O%F=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=80%W=0%S=Z%A=S+%F=AR%O=

OS:%RD=0%Q=)T6(R=Y%DF=Y%T=80%W=0%S=A%A=O%F=R%O=%RD=0%Q=)T7(R=Y%DF=Y%T=80%W=

OS:0%S=Z%A=S+%F=AR%O=%RD=0%Q=)U1(R=Y%DF=N%T=80%IPL=164%UN=0%RIPL=G%RID=G%RI

OS:PCK=G%RUCK=G%RUD=G)IE(R=Y%DFI=N%T=80%CD=Z)

Network Distance: 4 hops

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .

Nmap done: 256 IP addresses (22 hosts up) scanned in 570.28 seconds

For android phone:

C:\Users\Shreshth Tuli\source>nmap -n -O 10.194.27.77

Starting Nmap 7.70 ( https://nmap.org ) at 2018-08-14 13:02 India Standard Time

Nmap scan report for 10.194.27.77

Host is up (0.013s latency).

All 1000 scanned ports on 10.194.27.77 are closed

MAC Address: 4C:66:41:32:FC:C5 (Samsung Electro-mechanics(thailand))

Too many fingerprints match this host to give specific OS details

Network Distance: 1 hop

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .

Nmap done: 1 IP address (1 host up) scanned in 8.02 seconds