EXPERIMENT 4:

COMMANDS:

tracert amazon.com


```
Command Prompt                                                                                    -    □    ×
Microsoft Windows [Version 10.0.19044.2006]
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C:\Users\Lenovo>tracert amazon.com

Tracing route to amazon.com [205.251.242.103]
over a maximum of 30 hops:

  1     5 ms     3 ms     3 ms  172.18.48.1
  2     1 ms     1 ms     1 ms  172.22.3.1
  3     5 ms     4 ms     4 ms  172.22.7.2
  4     5 ms     6 ms     6 ms  ptpl-as56272-rev-241.121.235.180-chn.pulse.in [180.235.121.241]
  5     8 ms     8 ms     8 ms  61.95.248.189
  6   160 ms   156 ms   157 ms  116.119.68.60
  7   150 ms   151 ms   149 ms  be6391.rcr21.b015591-1.lon13.atlas.cogentco.com [149.14.224.161]
  8   150 ms   151 ms   154 ms  be2054.ccr42.lon13.atlas.cogentco.com [130.117.48.205]
  9   216 ms   216 ms   217 ms  be2490.ccr42.jfk02.atlas.cogentco.com [154.54.42.85]
 10   218 ms   217 ms   216 ms  be3496.ccr31.jfk10.atlas.cogentco.com [154.54.0.142]
 11   217 ms      *     229 ms  38.142.136.66
 12   244 ms      *     251 ms  52.93.50.139
 13      *        *        *    Request timed out.
 14   253 ms   247 ms   243 ms  52.93.4.219
 15   241 ms   240 ms      *    52.93.4.14
 16      *        *        *    Request timed out.
 17      *        *        *    Request timed out.
 18      *        *        *    Request timed out.
 19      *        *        *    Request timed out.
 20      *        *        *    Request timed out.
 21      *     219 ms      *    52.93.28.226
 22      *        *        *    Request timed out.
 23      *        *        *    Request timed out.
 24      *        *        *    Request timed out.
 25      *        *        *    Request timed out.
 26      *        *        *    Request timed out.
 27      *        *        *    Request timed out.
 28      *        *        *    Request timed out.
 29      *        *        *    Request timed out.
 30      *        *        *    Request timed out.

Trace complete.
```

ping 172.18.48.1


```
Command Prompt                                                                                    -    □    ×

C:\Users\Lenovo>ping 172.18.48.1

Pinging 172.18.48.1 with 32 bytes of data:
Reply from 172.18.48.1: bytes=32 time=3ms TTL=255
Reply from 172.18.48.1: bytes=32 time=4ms TTL=255
Reply from 172.18.48.1: bytes=32 time=5ms TTL=255
Reply from 172.18.48.1: bytes=32 time=3ms TTL=255

Ping statistics for 172.18.48.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 3ms, Maximum = 5ms, Average = 3ms

C:\Users\Lenovo>ifconfig
'ifconfig' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Lenovo>
```

Ipconfig

```
Command Prompt                                                                    —  □  ×

C:\Users\Lenovo>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  . : saveetha.net
   Link-local IPv6 Address . . . . . : fe80::2cdb:a2c7:4394:7669%15
   IPv4 Address. . . . . . . . . . . : 172.18.57.184
   Subnet Mask . . . . . . . . . . . : 255.255.240.0
   Default Gateway . . . . . . . . . : 172.18.48.1

Ethernet adapter Bluetooth Network Connection:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

C:\Users\Lenovo>_
```

netstat

```
Command Prompt                                                                    —  □  ×

C:\Users\Lenovo>netstat

Active Connections

  Proto  Local Address          Foreign Address        State
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:53686  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:53771  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:53850  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54084  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54132  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54134  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54187  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54188  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54213  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54218  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54314  ESTABLISHED
  TCP    172.18.57.184:20080    LAPTOP-V0C92RMK:54317  ESTABLISHED
  TCP    172.18.57.184:49472    20.198.119.143:https   ESTABLISHED
  TCP    172.18.57.184:49477    20.198.119.84:https    ESTABLISHED
  TCP    172.18.57.184:53584    20.198.118.190:https   ESTABLISHED
  TCP    172.18.57.184:53686    sa-in-f188:5228        ESTABLISHED
  TCP    172.18.57.184:53688    sa-in-f188:5228        ESTABLISHED
  TCP    172.18.57.184:53771    sa-in-f188:5228        ESTABLISHED
  TCP    172.18.57.184:53774    sa-in-f188:5228        ESTABLISHED
  TCP    172.18.57.184:53850    whatsapp-cdn-shv-01-bom1:https  ESTABLISHED
  TCP    172.18.57.184:53851    whatsapp-cdn-shv-01-bom1:https  ESTABLISHED
  TCP    172.18.57.184:54084    maa03s46-in-f14:https  ESTABLISHED
  TCP    172.18.57.184:54132    204.79.197.239:https   ESTABLISHED
  TCP    172.18.57.184:54134    13.107.246.58:https    ESTABLISHED
  TCP    172.18.57.184:54153    whatsapp-cdn-shv-02-maa2:https  TIME_WAIT
  TCP    172.18.57.184:54154    whatsapp-cdn-shv-02-maa2:https  FIN_WAIT_1
  TCP    172.18.57.184:54187    whatsapp-cdn-shv-01-bom1:https  ESTABLISHED
  TCP    172.18.57.184:54188    whatsapp-cdn-shv-01-bom1:https  ESTABLISHED
  TCP    172.18.57.184:54213    lb-140-82-114-25-iad:https  ESTABLISHED
  TCP    172.18.57.184:54214    lb-140-82-114-25-iad:https  ESTABLISHED
  TCP    172.18.57.184:54218    maa03s28-in-f14:https  ESTABLISHED
  TCP    172.18.57.184:54230    13.107.4.254:https     CLOSE_WAIT
  TCP    172.18.57.184:54231    13.107.21.200:https    CLOSE_WAIT
  TCP    172.18.57.184:54232    13.107.21.200:https    CLOSE_WAIT
  TCP    172.18.57.184:54234    13.107.3.254:https     CLOSE_WAIT
  TCP    172.18.57.184:54235    204.79.197.222:https   CLOSE_WAIT
  TCP    172.18.57.184:54236    131.253.33.254:https   CLOSE_WAIT
  TCP    172.18.57.184:54237    204.79.197.254:https   CLOSE_WAIT
  TCP    172.18.57.184:54258    maa05s24-in-f10:https  TIME_WAIT
  TCP    172.18.57.184:54263    relay-9e5f9510:https   ESTABLISHED
  TCP    172.18.57.184:54270    20.60.59.33:https      TIME_WAIT
  TCP    172.18.57.184:54297    a23-9-64-157:http      TIME_WAIT
  TCP    172.18.57.184:54313    52.152.110.14:https    ESTABLISHED
  TCP    172.18.57.184:54314    whatsapp-cdn-shv-01-bom1:https  ESTABLISHED
```