NATSTAT

```
C:\Windows\system32\cmd.exe - netstat

C:\Users\barat>netstat

Active Connections

  Proto  Local Address          Foreign Address          State
  TCP    127.0.0.1:1266         LAPTOP-V9QEEF66:1267     ESTABLISHED
  TCP    127.0.0.1:1267         LAPTOP-V9QEEF66:1266     ESTABLISHED
  TCP    127.0.0.1:1274         LAPTOP-V9QEEF66:1275     ESTABLISHED
  TCP    127.0.0.1:1275         LAPTOP-V9QEEF66:1274     ESTABLISHED
  TCP    172.18.75.83:1105      20.198.119.143:https    ESTABLISHED
  TCP    172.18.75.83:1114      maa03s45-in-f14:https   ESTABLISHED
  TCP    172.18.75.83:1122      bom07s36-in-f3:https    ESTABLISHED
  TCP    172.18.75.83:1143      maa05s16-in-f10:https   ESTABLISHED
  TCP    172.18.75.83:1156      maa05s16-in-f10:https   ESTABLISHED
  TCP    172.18.75.83:1169      20.198.119.143:https    ESTABLISHED
  TCP    172.18.75.83:1209      13.107.42.16:https      CLOSE_WAIT
  TCP    172.18.75.83:1210      13.107.42.16:https      CLOSE_WAIT
  TCP    172.18.75.83:1214      52.183.220.149:https    CLOSE_WAIT
  TCP    172.18.75.83:1220      bingforbusiness:https   CLOSE_WAIT
  TCP    172.18.75.83:1247      13.76.153.29:https      ESTABLISHED
  TCP    172.18.75.83:1260      52.183.220.149:https    CLOSE_WAIT
  TCP    172.18.75.83:1290      52.139.176.199:https    CLOSE_WAIT
  TCP    172.18.75.83:1291      52.139.176.199:https    CLOSE_WAIT
  TCP    172.18.75.83:1292      52.139.176.199:https    CLOSE_WAIT
  TCP    172.18.75.83:1293      52.139.176.199:https    CLOSE_WAIT
  TCP    172.18.75.83:1370      13.107.21.200:https     CLOSE_WAIT
  TCP    172.18.75.83:1372      13.107.21.200:https     CLOSE_WAIT
  TCP    172.18.75.83:1374      40.100.141.162:https    CLOSE_WAIT
  TCP    172.18.75.83:1456      lb-140-82-113-25-iad:https  ESTABLISHED
  TCP    172.18.75.83:1461      142.250.76.46:https     ESTABLISHED
  TCP    172.18.75.83:1468      162.125.35.134:https    ESTABLISHED
  TCP    172.18.75.83:1531      162.125.35.136:https    ESTABLISHED
  TCP    172.18.75.83:1573      maa03s26-in-f3:https    TIME_WAIT
  TCP    172.18.75.83:1583      server-18-66-78-62:https  ESTABLISHED
  TCP    172.18.75.83:1588      maa05s16-in-f3:https    ESTABLISHED
  TCP    172.18.75.83:1590      91.108.23.100:https     ESTABLISHED
  TCP    172.18.75.83:1592      172.67.183.136:https    ESTABLISHED
  TCP    172.18.75.83:1593      20.189.173.2:https      TIME_WAIT
  TCP    172.18.75.83:1594      1:https                 ESTABLISHED
  TCP    172.18.75.83:1598      20.44.10.122:https      TIME_WAIT
  TCP    172.18.75.83:1600      20.189.173.5:https      ESTABLISHED
  TCP    172.18.75.83:1602      20.189.173.5:https      ESTABLISHED
  TCP    172.18.75.83:1605      20.198.162.78:https     ESTABLISHED
  TCP    172.18.75.83:1606      maa05s19-in-f14:https   ESTABLISHED
  TCP    172.18.75.83:1607      8.241.160.254:http      TIME_WAIT
  TCP    172.18.75.83:1609      13.107.4.52:http        TIME_WAIT
  TCP    172.18.75.83:1610      maa05s24-in-f10:https   ESTABLISHED
```

TRACERT

```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 10.0.22000.795]
(c) Microsoft Corporation. All rights reserved.

C:\Users\barat>tracert saveetha.com

Tracing route to saveetha.com [118.139.175.1]
over a maximum of 30 hops:

  1     11 ms     4 ms     4 ms  172.18.64.1
  2      9 ms     2 ms     9 ms  172.22.3.1
  3      9 ms    17 ms     8 ms  172.22.7.2
  4     12 ms     9 ms    10 ms  ptpl-as56272-rev-241.121.235.180-chn.pulse.in [180.235.121.241]
  5     14 ms    13 ms     9 ms  static-141.121.99.14-tataidc.co.in [14.99.121.141]
  6      8 ms     9 ms    12 ms  14.141.20.165.static-vsnl.net.in [14.141.20.165]
  7     12 ms    10 ms     *     172.31.167.45
  8     10 ms    11 ms     8 ms  ix-ae-4-2.tcore1.cxr-chennai.as6453.net [180.87.36.9]
  9     43 ms     *         *    if-be-34-2.ecore2.esin4-singapore.as6453.net [180.87.36.41]
 10     42 ms    45 ms    50 ms  if-be-10-2.ecore2.svq-singapore.as6453.net [180.87.107.0]
 11      *         *         *    Request timed out.
 12      *         *         *    Request timed out.
 13      *         *         *    Request timed out.
 14      *         *         *    Request timed out.
 15      *         *         *    Request timed out.
 16      *         *         *    Request timed out.
 17      *         *         *    Request timed out.
 18      *         *         *    Request timed out.
 19      *         *         *    Request timed out.
 20      *         *         *    Request timed out.
 21      *         *         *    Request timed out.
 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.
```

IP Config

```
 C:\Windows\system32\cmd.exe

C:\Users\barat>ipconfig

Windows IP Configuration


Ethernet adapter Ethernet:

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

Unknown adapter ProtonVPN TUN:

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

Unknown adapter Local Area Connection:

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

Unknown adapter Local Area Connection 2:

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

Wireless LAN adapter Local Area Connection* 10:

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

Wireless LAN adapter Local Area Connection* 12:

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

Ethernet adapter VMware Network Adapter VMnet1:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::2893:7f8e:4b5a:dcf5%13
   IPv4 Address. . . . . . . . . . . : 192.168.159.1
```

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

Unknown adapter Local Area Connection 2:

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

Wireless LAN adapter Local Area Connection* 10:

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

Wireless LAN adapter Local Area Connection* 12:

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

Ethernet adapter VMware Network Adapter VMnet1:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::2893:7f8e:4b5a:dcf5%13
   IPv4 Address. . . . . . . . . . . : 192.168.159.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Ethernet adapter VMware Network Adapter VMnet8:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::e8c0:77b5:aeee:3e92%28
   IPv4 Address. . . . . . . . . . . : 192.168.75.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . : saveetha.net
   IPv4 Address. . . . . . . . . . . : 172.18.75.83
   Subnet Mask . . . . . . . . . . . : 255.255.240.0
   Default Gateway . . . . . . . . . : 172.18.64.1
```

PING

```
C:\Windows\system32\cmd.exe                                    —    □    ×

C:\Users\barat>ping 172.18.64.1

Pinging 172.18.64.1 with 32 bytes of data:
Reply from 172.18.64.1: bytes=32 time=7ms TTL=255
Reply from 172.18.64.1: bytes=32 time=28ms TTL=255
Reply from 172.18.64.1: bytes=32 time=34ms TTL=255
Reply from 172.18.64.1: bytes=32 time=75ms TTL=255

Ping statistics for 172.18.64.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 7ms, Maximum = 75ms, Average = 36ms
```