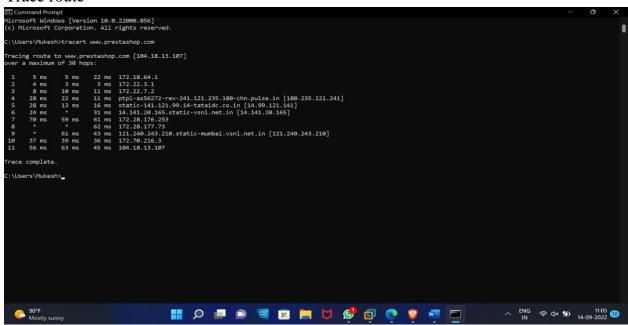TN. Yagna Nikith Reddy
192111333

Ethical Hacking for mobile applications - ITA1437

Ex.No. 4 - Using TraceRoute, ping, ifconfig, netstat Command

Trace route


```
Command Prompt                                                                                    —  □  ×
Microsoft Windows [Version 10.0.22000.856]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mukesh>tracert www.prestashop.com

Tracing route to www.prestashop.com [104.18.13.107]
over a maximum of 30 hops:

  1     5 ms     5 ms    22 ms  172.18.64.1
  2     4 ms     3 ms     3 ms  172.22.3.1
  3     8 ms    10 ms    11 ms  172.22.7.2
  4    28 ms    22 ms    11 ms  ptpl-as56272-rev-241.121.235.180-chn.pulse.in [180.235.121.241]
  5    28 ms    13 ms    16 ms  static-141.121.99.14-tataidc.co.in [14.99.121.141]
  6    24 ms     *       31 ms  14.141.20.165.static-vsnl.net.in [14.141.20.165]
  7    70 ms    59 ms    61 ms  172.28.176.253
  8     *        *       62 ms  172.28.177.73
  9     *       61 ms    43 ms  121.240.243.210.static-mumbai.vsnl.net.in [121.240.243.210]
 10    37 ms    39 ms    36 ms  172.70.216.3
 11    56 ms    63 ms    45 ms  104.18.13.107

Trace complete.

C:\Users\Mukesh>
```

Ping


```
C:\Users\Mukesh>ping 91.240.109.42

Pinging 91.240.109.42 with 32 bytes of data:
Reply from 91.240.109.42: bytes=32 time=255ms TTL=38
Reply from 91.240.109.42: bytes=32 time=277ms TTL=38
Reply from 91.240.109.42: bytes=32 time=258ms TTL=38
Reply from 91.240.109.42: bytes=32 time=253ms TTL=38

Ping statistics for 91.240.109.42:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 253ms, Maximum = 277ms, Average = 260ms

C:\Users\Mukesh>ping 203.192.253.1

Pinging 203.192.253.1 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 203.192.253.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\Mukesh>ping 192.168.11.1

Pinging 192.168.11.1 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.11.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\Mukesh>ping 125.18.4.65

Pinging 125.18.4.65 with 32 bytes of data:
Reply from 125.18.4.65: bytes=32 time=49ms TTL=59
```

Ifconfig Netstat


```
C:\Users\Mukesh>ipconfig

Windows IP Configuration


Unknown adapter Local Area Connection:

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

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  . :

Ethernet adapter VMware Network Adapter VMnet1:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::c00f:d378:3a4b:688%49
    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::1d94:6ef7:e714:a744%51
    IPv4 Address. . . . . . . . . . . : 192.168.176.1
    Subnet Mask . . . . . . . . . . . : 255.255.255.0
    Default Gateway . . . . . . . . . :

Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . : saveetha.net
```

```
Command Prompt - netstat                                                              —  □  ✕

C:\Users\Mukesh>netstat

Active Connections

  Proto  Local Address          Foreign Address        State
  TCP    127.0.0.1:50029        MUKESH:50030           ESTABLISHED
  TCP    127.0.0.1:50030        MUKESH:50029           ESTABLISHED
  TCP    127.0.0.1:61385        MUKESH:61387           ESTABLISHED
  TCP    127.0.0.1:61387        MUKESH:61385           ESTABLISHED
  TCP    127.0.0.1:61891        MUKESH:61892           ESTABLISHED
  TCP    127.0.0.1:61892        MUKESH:61891           ESTABLISHED
  TCP    127.0.0.1:61895        MUKESH:61896           ESTABLISHED
  TCP    127.0.0.1:61896        MUKESH:61895           ESTABLISHED
  TCP    127.0.0.1:61897        MUKESH:61898           ESTABLISHED
  TCP    127.0.0.1:61898        MUKESH:61897           ESTABLISHED
  TCP    127.0.0.1:64727        MUKESH:64728           ESTABLISHED
  TCP    127.0.0.1:64728        MUKESH:64727           ESTABLISHED
  TCP    172.18.64.198:49468    20.198.119.84:https    ESTABLISHED
  TCP    172.18.64.198:49491    20.198.119.84:https    ESTABLISHED
  TCP    172.18.64.198:49792    maa05s26-in-f14:https  ESTABLISHED
  TCP    172.18.64.198:49820    maa03s45-in-f14:https  TIME_WAIT
  TCP    172.18.64.198:50217    cdn-185-199-108-154:https  TIME_WAIT
  TCP    172.18.64.198:50221    lb-140-82-113-25-iad:https  ESTABLISHED
  TCP    172.18.64.198:50247    a-0001:https           CLOSE_WAIT
  TCP    172.18.64.198:50248    a-0001:https           CLOSE_WAIT
  TCP    172.18.64.198:50249    13.107.18.254:https    CLOSE_WAIT
  TCP    172.18.64.198:50252    52.98.57.114:https     CLOSE_WAIT
  TCP    172.18.64.198:50253    a-0001:https           CLOSE_WAIT
  TCP    172.18.64.198:50255    40.99.10.66:https      CLOSE_WAIT
  TCP    172.18.64.198:50282    20.189.173.2:https     CLOSE_WAIT
  TCP    172.18.64.198:50284    20.189.173.2:https     CLOSE_WAIT
  TCP    172.18.64.198:50364    ec2-52-34-146-43:https  TIME_WAIT
  TCP    172.18.64.198:50368    maa03s46-in-f14:https  ESTABLISHED
  TCP    172.18.64.198:50402    ec2-3-209-45-230:https  TIME_WAIT
  TCP    172.18.64.198:50410    20.189.173.7:https     TIME_WAIT
  TCP    172.18.64.198:50411    20.189.173.7:https     TIME_WAIT
  TCP    172.18.64.198:61713    104.40.53.219:https    CLOSE_WAIT
  TCP    172.18.64.198:61729    40.70.161.102:https    CLOSE_WAIT
  TCP    172.18.64.198:61744    104.208.16.0:https     CLOSE_WAIT
  TCP    172.18.64.198:62189    a104-115-92-29:https   CLOSE_WAIT
```