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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]
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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

```
Command Prompt

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

```
Command Prompt

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
```

Netstat

```
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      maa03s26-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
```

90°F
Mostly sunny

ENG
IN

11:11
14-09-2022