

# ITA1443-Ethical Hacking For Legal Systems

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Slot: D

## Exercise No 8: TraceRoute, ping, ifconfig, ipconfig, netstat

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Command Prompt
Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\hp>tracert saveetha.com

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

  1    3 ms    8 ms    5 ms  172.17.16.1
  2   36 ms   18 ms   18 ms  172.22.2.1
  3   43 ms   30 ms   23 ms  172.22.7.2
  4    *      *      *    Request timed out.
  5   31 ms    *      44 ms  10.119.236.225
  6   28 ms   47 ms   21 ms  10.163.251.113
  7   59 ms   56 ms   43 ms  10.119.73.122
  8   50 ms   36 ms   42 ms  115.247.85.129
  9    *      *      *    Request timed out.
 10    *      *      *    Request timed out.
 11    *      *      *    Request timed out.
 12    *      *      *    Request timed out.
 13  416 ms  164 ms  206 ms  unknown.telstraglobal.net [210.57.38.114]
 14    *     631 ms  611 ms  ix-ae-24-0.thar1.svq-singapore.as6453.net [180.87.96.129]
 15  300 ms  409 ms  310 ms  if-be-40-2.ecore1.svq-singapore.as6453.net [120.29.214.101]
 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.

C:\Users\hp>ping 172.18.64.1

Pinging 172.18.64.1 with 32 bytes of data:
Reply from 172.18.64.1: bytes=32 time=35ms TTL=253
Reply from 172.18.64.1: bytes=32 time=10ms TTL=253
Reply from 172.18.64.1: bytes=32 time=19ms TTL=253
Reply from 172.18.64.1: bytes=32 time=83ms TTL=253

Ping statistics for 172.18.64.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 83ms, Average = 36ms

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

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

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Pinging 172.17.16.1 with 32 bytes of data:
Reply from 172.17.16.1: bytes=32 time=5ms TTL=255
Reply from 172.17.16.1: bytes=32 time=9ms TTL=255
Reply from 172.17.16.1: bytes=32 time=55ms TTL=255
Reply from 172.17.16.1: bytes=32 time=44ms TTL=255

Ping statistics for 172.17.16.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 5ms, Maximum = 55ms, Average = 28ms

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```

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Command Prompt - netstat
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C:\Users\hp>netstat

Active Connections

Proto Local Address           Foreign Address         State
TCP    127.0.0.1:49683          LAPTOP-E7613095:49684  ESTABLISHED
TCP    127.0.0.1:49684          LAPTOP-E7613095:49683  ESTABLISHED
TCP    127.0.0.1:49685          LAPTOP-E7613095:49686  ESTABLISHED
TCP    127.0.0.1:49686          LAPTOP-E7613095:49685  ESTABLISHED
TCP    127.0.0.1:54334          LAPTOP-E7613095:54336  ESTABLISHED
TCP    127.0.0.1:54336          LAPTOP-E7613095:54334  ESTABLISHED
TCP    172.17.18.148:20080      LAPTOP-E7613095:55662  ESTABLISHED
TCP    172.17.18.148:20080      LAPTOP-E7613095:55664  ESTABLISHED
TCP    172.17.18.148:20080      LAPTOP-E7613095:55667  ESTABLISHED
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TCP    127.0.0.1:49683          LAPTOP-E7613095:49684  ESTABLISHED
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TCP    127.0.0.1:49685          LAPTOP-E7613095:49686  ESTABLISHED
TCP    127.0.0.1:49686          LAPTOP-E7613095:49685  ESTABLISHED
TCP    127.0.0.1:54334          LAPTOP-E7613095:54336  ESTABLISHED
TCP    127.0.0.1:54336          LAPTOP-E7613095:54334  ESTABLISHED
TCP    172.17.18.148:20080      LAPTOP-E7613095:55662  ESTABLISHED
TCP    172.17.18.148:20080      LAPTOP-E7613095:55664  ESTABLISHED
TCP    172.17.18.148:20080      LAPTOP-E7613095:55667  ESTABLISHED
TCP    172.17.18.148:49690      206.221.176.14:https   CLOSE_WAIT
TCP    172.17.18.148:49729      199.127.63.144:https   CLOSE_WAIT
TCP    172.17.18.148:51035      199.127.60.113:https   CLOSE_WAIT
TCP    172.17.18.148:53369      206.221.176.14:https   CLOSE_WAIT
TCP    172.17.18.148:53472      hosted-by:https        CLOSE_WAIT
TCP    172.17.18.148:54484      199.127.60.113:https   CLOSE_WAIT
TCP    172.17.18.148:55157      206.221.176.14:https   CLOSE_WAIT
TCP    172.17.18.148:55662      204.79.197.239:https   ESTABLISHED
TCP    172.17.18.148:55664      204.79.197.239:https   ESTABLISHED
TCP    172.17.18.148:55667      13.107.21.200:https    ESTABLISHED
TCP    172.17.18.148:55711      199.127.61.195:https   CLOSE_WAIT
TCP    172.17.18.148:55766      199.127.60.113:https   CLOSE_WAIT
TCP    172.17.18.148:55880      206.221.176.14:https   CLOSE_WAIT
TCP    172.17.18.148:56240      199.127.60.113:https   CLOSE_WAIT
TCP    172.17.18.148:56351      146:https              ESTABLISHED
TCP    172.17.18.148:56681      52.184.81.210:https    CLOSE_WAIT
TCP    172.17.18.148:56682      52.184.81.210:https    ESTABLISHED
TCP    172.17.18.148:56683      52.184.81.210:https    CLOSE_WAIT
TCP    172.17.18.148:56684      52.184.81.210:https    CLOSE_WAIT
TCP    172.17.18.148:56892      a23-41-186-162:https   CLOSE_WAIT
TCP    172.17.18.148:56893      a23-41-186-162:https   CLOSE_WAIT
```

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Command Prompt

TCP    172.17.18.148:57207      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57208      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57209      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57211      ec2-3-221-86-12:https   TIME_WAIT
TCP    172.17.18.148:57212      ec2-3-221-86-12:https   TIME_WAIT
TCP    172.17.18.148:57213      ec2-3-221-86-12:https   TIME_WAIT
TCP    172.17.18.148:57215      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57216      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57217      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57218      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57220      18:https               ESTABLISHED
TCP    172.17.18.148:57221      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57222      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57225      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57226      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57227      39:https               ESTABLISHED
TCP    172.17.18.148:57229      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57230      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57232      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57234      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57235      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57236      a23-44-11-248:https     LAST_ACK
TCP    172.17.18.148:57237      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57238      ec2-52-0-191-77:https   ESTABLISHED
TCP    172.17.18.148:57239      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57240      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57247      ec2-54-149-156-115:https ESTABLISHED
TCP    172.17.18.148:57248      150:https              ESTABLISHED
TCP    172.17.18.148:57249      192.168.1.1:https       TIME_WAIT
TCP    172.17.18.148:57250      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57251      VM33:domain            TIME_WAIT
TCP    172.17.18.148:57252      a-0001:https           ESTABLISHED
TCP    172.17.18.148:65234      52.183.220.149:https    CLOSE_WAIT
TCP    [fe80::b091:a201:a032:56ce%17]:1521 LAPTOP-E7613095:50022  ESTABLISHED
TCP    [fe80::b091:a201:a032:56ce%17]:50022 LAPTOP-E7613095:1521  ESTABLISHED
```