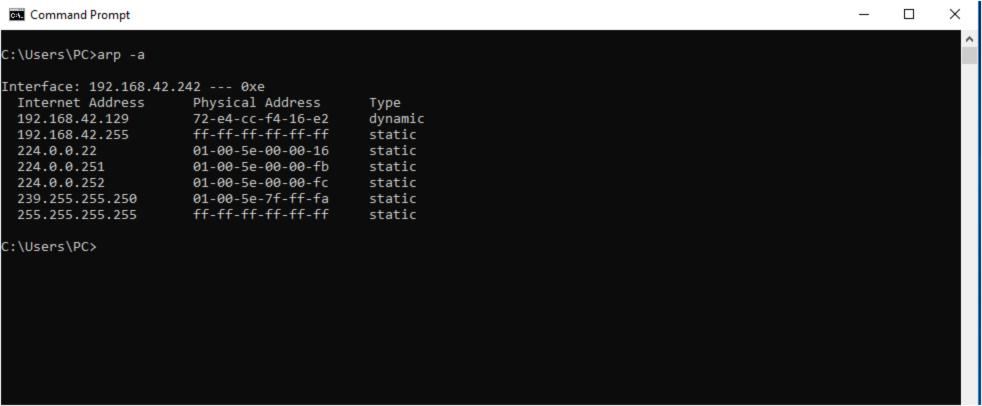
```
Command Prompt
Microsoft Windows [Version 10.0.16299.98]
(c) 2017 Microsoft Corporation. All rights reserved.
C:\Users\PC>ping google.com
Pinging google.com [142.250.67.78] with 32 bytes of data:
Reply from 142.250.67.78: bytes=32 time=44ms TTL=115
Reply from 142.250.67.78: bytes=32 time=488ms TTL=115
Reply from 142.250.67.78: bytes=32 time=53ms TTL=115
Reply from 142.250.67.78: bytes=32 time=47ms TTL=115
Ping statistics for 142.250.67.78:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 44ms, Maximum = 488ms, Average = 158ms
C:\Users\PC>
```

```
Command Prompt
C:\Users\PC>pathping google.com
Tracing route to google.com [142.250.67.78]
over a maximum of 30 hops:
    DESKTOP-DQJJTKB [192.168.42.242]
    192.168.42.129
  2 192.168.0.1
     172.31.34.9
Computing statistics for 75 seconds...
           Source to Here This Node/Link
           Lost/Sent = Pct Lost/Sent = Pct Address
Hop
    RTT
                                            DESKTOP-DQJJTKB [192.168.42.242]
                               0/ 100 = 0%
              0/ 100 = 0%
                               0/ 100 = 0% 192.168.42.129
       0ms
                               0/100 = 0%
      14ms
              0/ 100 = 0%
                               0/ 100 =
                                        0% 192.168.0.1
                               0/100 = 0\%
      23ms
              0/ 100 = 0%
                              0/ 100 = 0% 172.31.34.9
Trace complete.
C:\Users\PC>
```

Command Prompt	_	×
Microsoft Windows [Version 10.0.16299.98] (c) 2017 Microsoft Corporation. All rights reserved.		^
C:\Users\PC>nslookup google.com Server: UnKnown Address: 192.168.42.129		
Non-authoritative answer: Name: google.com Address: 142.250.67.78		
C:\Users\PC>		
		~



Command Prompt

```
C:\Users\PC>netstat -f
```

Active Connections

Proto

TCP

C:\Users\PC>

Local Address 192.168.42.242:50029

192.168.42.242:50088

192.168.42.242:50089

192.168.42.242:50090

192.168.42.242:50091

192.168.42.242:50035 192.168.42.242:50037

192.168.42.242:50038 192.168.42.242:50082

192.168.42.242:50083

192.168.42.242:50084 a-0001.a-msedge.net:https ESTABLISHED 192.168.42.242:50085 bingforbusiness.com:https

192.168.42.242:50086 13.107.246.254:https 192.168.42.242:50087

180.87.4.155:https 13.107.19.254:https

180.87.4.155:https 13.107.3.254:https

204.79.197.222:https **ESTABLISHED**

TIME WAIT **ESTABLISHED**

TIME WAIT **ESTABLISHED**

ESTABLISHED **ESTABLISHED**

server-13-33-151-178.maa50.r.cloudfront.net:https

CLOSE WAIT

ESTABLISHED

Foreign Address

117.18.232.200:https

218.213.144.7:https

13.107.42.254:https

52.139.250.253:https

State 80-239-170-149.teliacarrier-cust.com:https

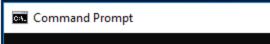
ESTABLISHED

ESTABLISHED

ESTABLISHED

CLOSE WAIT

```
Command Prompt
C:\Users\PC>ipconfig
Windows IP Configuration
Ethernet adapter Ethernet:
  Media State . . . . . . . . : Media disconnected
  Connection-specific DNS Suffix .:
Ethernet adapter Ethernet 3:
  Connection-specific DNS Suffix .:
  Link-local IPv6 Address . . . . : fe80::e036:29e0:1f86:40db%14
  IPv4 Address. . . . . . . . . . . . . . . . 192.168.42.242
  Default Gateway . . . . . . . : 192.168.42.129
Ethernet adapter Ethernet 2:
  Media State . . . . . . . . . : Media disconnected
  Connection-specific DNS Suffix .:
Ethernet adapter Ethernet 4:
  Media State . . . . . . . . : Media disconnected
  Connection-specific DNS Suffix .:
Tunnel adapter Teredo Tunneling Pseudo-Interface:
  Connection-specific DNS Suffix .:
  IPv6 Address. . . . . . . . . . . . . . . 2001:0:348b:fb58:410:c62:3f57:d50d
  Link-local IPv6 Address . . . . . : fe80::410:c62:3f57:d50d%10
  Default Gateway . . . . . . . : ::
C:\Users\PC>
```



C:\Users\PC>hostname DESKTOP-DQJJTKB

C:\Users\PC>

```
Command Prompt
C:\Users\PC>tracert rmkec.ac.in
Tracing route to rmkec.ac.in [182.76.213.88]
over a maximum of 30 hops:
      <1 ms
               <1 ms
                        <1 ms
                               192.168.42.129
      14 ms
                         1 ms
                               192.168.0.1
                1 ms
      19 ms
                6 ms
                               172.31.34.9
                         6 ms
                               Request timed out.
      31 ms
               31 ms
                        28 ms
                               172.31.10.77
      37 ms
               47 ms
                      22 ms
                              169.254.0.21
      80 ms
               61 ms
                      56 ms
                               172.31.120.205
     112 ms
               94 ms
                       110 ms 172.31.10.78
      47 ms
               33 ms
                      32 ms aes-static-113.195.22.125.airtel.in [125.22.195.113]
10
      30 ms
               18 ms
                       17 ms
                               182.79.208.200
11
      78 ms
               76 ms
                               nsg-static-88.213.76.182-airtel.com [182.76.213.88]
12
      70 ms
               66 ms
                        62 ms nsg-static-88.213.76.182-airtel.com [182.76.213.88]
Trace complete.
C:\Users\PC>
```

Command P	Prompt	-	×
C:\Users\PC>	finger		<u>^</u>
	ormation about a user on a specified system running the ce. Output varies based on the remote system.		
FINGER [-1]	[user]@host []		
-1 user @host	Displays information in long list format. Specifies the user you want information about. Omit the user parameter to display information about all users on the specifed host. Specifies the server on the remote system whose users you want information about.		
			~