

## 1) ping

```
cmd Select Command Prompt
Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\Users\admin>ping 192.168.1.4

Pinging 192.168.1.4 with 32 bytes of data:
Reply from 192.168.1.4: bytes=32 time=1ms TTL=128
Reply from 192.168.1.4: bytes=32 time=1ms TTL=128
Reply from 192.168.1.4: bytes=32 time=1ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\admin>
```

## 2) netstat

```
cmd Command Prompt
Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\Users\admin>netstat

Active Connections

Proto Local Address           Foreign Address         State
TCP    127.0.0.1:52075          kubernetes:52074       TIME_WAIT
TCP    127.0.0.1:52081          kubernetes:52080       TIME_WAIT
TCP    127.0.0.1:52099          kubernetes:52098       TIME_WAIT
TCP    192.168.1.66:2869        COMP141:56738          TIME_WAIT
TCP    192.168.1.66:2869        COMP141:56739          TIME_WAIT
TCP    192.168.1.66:2869        COMP141:56741          TIME_WAIT
TCP    192.168.1.66:2869        COMP141:56742          TIME_WAIT
TCP    192.168.1.66:7680        PRO-3:53251            TIME_WAIT
TCP    192.168.1.66:7680        PRO-3:53252            TIME_WAIT
TCP    192.168.1.66:7680        PRO-3:53256            TIME_WAIT
TCP    192.168.1.66:49496       20.198.118.190:https   ESTABLISHED
TCP    192.168.1.66:51883       172.64.145.18:https    ESTABLISHED
TCP    192.168.1.66:51967       sh-in-f188:5228        ESTABLISHED
TCP    192.168.1.66:52056       52.184.212.181:https   TIME_WAIT
TCP    192.168.1.66:52062       sc-in-f188:5228        ESTABLISHED
TCP    192.168.1.66:52065       104.18.20.157:https    ESTABLISHED
TCP    192.168.1.66:52068       113:https              ESTABLISHED
TCP    192.168.1.66:52069       52.184.212.181:https   ESTABLISHED
TCP    192.168.1.66:52070       52.184.212.181:https   ESTABLISHED
TCP    192.168.1.66:52071       52.184.212.181:https   ESTABLISHED
TCP    192.168.1.66:52078       ec2-3-109-92-148:http  TIME_WAIT
TCP    192.168.1.66:52084       ec2-3-109-92-148:http  TIME_WAIT
TCP    192.168.1.66:52086       server-18-239-151-210:http ESTABLISHED
TCP    192.168.1.66:52087       ec2-3-108-34-37:8080   ESTABLISHED
TCP    192.168.1.66:52088       204.79.197.222:https   ESTABLISHED
TCP    192.168.1.66:52089       a23-54-83-209:https    ESTABLISHED
TCP    192.168.1.66:52090       server-108-158-42-218:http ESTABLISHED
TCP    192.168.1.66:52091       server-108-158-42-218:http ESTABLISHED
TCP    192.168.1.66:52092       20.44.10.123:https     ESTABLISHED
TCP    192.168.1.66:52093       13.107.42.254:https    ESTABLISHED
TCP    192.168.1.66:52094       204.79.197.254:https   ESTABLISHED
TCP    192.168.1.66:52095       20.108.172.194:https   ESTABLISHED
TCP    192.168.1.66:52102       ec2-3-109-92-148:http  TIME_WAIT
TCP    192.168.1.66:52103       a96-17-150-145:https   ESTABLISHED
TCP    192.168.1.66:52104       125.99.130.26:https    ESTABLISHED
TCP    192.168.1.66:52105       125.99.130.26:https    ESTABLISHED
```

### 3) arp -a

Command Prompt

(c) Microsoft Corporation. All rights reserved.

C:\Users\admin>arp -a

```
Interface: 192.168.1.66 --- 0x6
Internet Address      Physical Address      Type
169.254.47.165        40-8d-5c-f5-a2-36     dynamic
169.254.63.93         b4-2e-99-63-5e-72     dynamic
169.254.82.252        4c-72-b9-21-36-f9     dynamic
169.254.98.61         00-4e-01-b5-ee-f9     dynamic
169.254.123.94        d8-5e-d3-e0-dc-f1     dynamic
192.168.1.1           10-10-81-e9-f0-96     dynamic
192.168.1.4           e0-d5-5e-b0-be-32     dynamic
192.168.1.5           d8-5e-d3-e8-4c-24     dynamic
192.168.1.8           d8-5e-d3-e8-4a-6e     dynamic
192.168.1.10          d8-5e-d3-e8-49-0a     dynamic
192.168.1.11          d8-5e-d3-e8-50-ae     dynamic
192.168.1.12          d8-9e-f3-7a-36-fb     dynamic
192.168.1.13          d8-5e-d3-e8-4a-1e     dynamic
192.168.1.14          d8-5e-d3-e8-4a-72     dynamic
192.168.1.15          d8-5e-d3-e8-50-9a     dynamic
192.168.1.16          e0-d5-5e-89-ea-1c     dynamic
192.168.1.17          d8-5e-d3-e8-4a-a5     dynamic
192.168.1.18          b4-2e-99-62-a9-4e     dynamic
192.168.1.19          e0-d5-5e-89-f0-68     dynamic
192.168.1.21          d8-5e-d3-e8-46-e4     dynamic
192.168.1.22          e0-d5-5e-b0-bd-fa     dynamic
192.168.1.23          b4-2e-99-63-60-dd     dynamic
192.168.1.25          d8-5e-d3-e8-46-cc     dynamic
192.168.1.27          e0-d5-5e-89-f0-6a     dynamic
192.168.1.28          1c-1b-0d-5b-2f-40     dynamic
192.168.1.30          b4-2e-99-55-f8-5c     dynamic
192.168.1.33          1c-1b-0d-59-59-68     dynamic
192.168.1.35          1c-1b-0d-59-5a-17     dynamic
192.168.1.40          1c-1b-0d-5b-29-c8     dynamic
192.168.1.42          00-4e-01-9f-df-91     dynamic
192.168.1.43          00-4e-01-9e-18-b9     dynamic
192.168.1.45          00-4e-01-b5-d9-24     dynamic
192.168.1.47          b4-2e-99-56-3e-49     dynamic
192.168.1.50          d8-5e-d3-e8-4a-17     dynamic
192.168.1.52          50-3e-aa-05-90-dc     dynamic
192.168.1.53          b8-85-84-c2-65-ab     dynamic
192.168.1.54          b4-2e-99-55-f8-45     dynamic
192.168.1.55          1c-1b-0d-5b-2d-b9     dynamic
```

### 4) hostname

#### Command Prompt

```
Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\Users\admin>hostname
comp179

C:\Users\admin>
```

### 5) getmac

---

#### Command Prompt

```
Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\Users\admin>getmac

Physical Address      Transport Name
=====
1C-1B-0D-5B-2D-C2    \Device\NPF{3F741523-DBD3-4120-A6F8-488802A2C80C}

C:\Users\admin>
```

### 6) ipconfig

#### Command Prompt

```
Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\Users\admin>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::cad6:f06:9fc6:fb30%6
    IPv4 Address. . . . . : 192.168.1.66
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1

C:\Users\admin>
```