

Ipconfig

cmd Command Prompt

```
C:\Users\User>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    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* 10:

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

Wireless LAN adapter Wi-Fi 2:

    Connection-specific DNS Suffix  . :
    IPv6 Address. . . . . : 2401:4900:1f2c:126a:3fa8:b2ad:1805:605b
    Temporary IPv6 Address. . . . . : 2401:4900:1f2c:126a:683d:6af8:b286:68ee
    Link-local IPv6 Address . . . . . : fe80::9cd4:fc12:aaed:dff2%6
    IPv4 Address. . . . . : 192.168.1.9
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : fe80::1%6
                                192.168.1.1

Ethernet adapter Bluetooth Network Connection:

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

C:\Users\User>
```

Ipconfig/all

Command Prompt

```
C:\Users\User>ipconfig/all

Windows IP Configuration

    Host Name . . . . . : DESKTOP-KAPOF4H
    Primary Dns Suffix . . . . . :
    Node Type . . . . . : Hybrid
    IP Routing Enabled. . . . . : No
    WINS Proxy Enabled. . . . . : No

Ethernet adapter Ethernet:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :
    Description . . . . . : Intel(R) Ethernet Connection (4) I219-LM
    Physical Address. . . . . : A4-4C-C8-12-5C-87
    DHCP Enabled. . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Local Area Connection* 1:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :
    Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
    Physical Address. . . . . : 34-F6-4B-98-3E-70
    DHCP Enabled. . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Local Area Connection* 10:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :
    Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
    Physical Address. . . . . : 36-F6-4B-98-3E-6F
    DHCP Enabled. . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Wi-Fi 2:

    Connection-specific DNS Suffix . :
    Description . . . . . : Intel(R) Dual Band Wireless-AC 8265 #2
    Physical Address. . . . . : 34-F6-4B-98-3E-6F
    DHCP Enabled. . . . . : Yes
```

Getmac

Command Prompt

```
C:\Users\User>getmac

Physical Address      Transport Name
=====
A4-4C-C8-12-5C-87     Media disconnected
34-F6-4B-98-3E-6F     \Device\Tcpip_{5D35FF94-2C37-447F-A863-39F2347DCDDE}
34-F6-4B-98-3E-73     Media disconnected
```

Command Prompt

```
C:\Users\User>hostname
DESKTOP-KAPOF4H
```

Hostname

Tracert

CA Command Prompt

```
C:\Users\User>tracert saveetha.ac.in

Tracing route to saveetha.ac.in [103.21.58.16]
over a maximum of 30 hops:

  0  1 ms    3 ms    1 ms   192.168.1.1
  1  3 ms    3 ms    3 ms   abts-tn-dynamic-1.64.65.182-airtelbroadband.in [182.65.64.1]
  2  3 ms    3 ms    3 ms   125.17.96.17
  3  3 ms    3 ms    3 ms   182.79.208.203
  4  4 ms    4 ms   10 ms   125.17.109.150
  5  3 ms    4 ms    5 ms   172.18.30.209 [172.18.30.209]
  6  3 ms    3 ms    3 ms   172.18.30.201 [172.18.30.201]
  7  *        *        *      Request timed out.
  8  *        *        *      Request timed out.
  9  *        *        *
 10 23 ms   23 ms   23 ms   md-in-1.webhostbox.net [103.21.58.16]

Trace complete.
```

Ping

CA Command Prompt

```
C:\Users\User>ping yahoo.com

Pinging yahoo.com [2001:4998:44:3507::8000] with 32 bytes of data:
Reply from 2001:4998:44:3507::8000: time=361ms
Reply from 2001:4998:44:3507::8000: time=361ms
Reply from 2001:4998:44:3507::8000: time=257ms
Reply from 2001:4998:44:3507::8000: time=343ms

Ping statistics for 2001:4998:44:3507::8000:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 257ms, Maximum = 361ms, Average = 330ms
```

Netstat

Command Prompt

C:\Users\User>netstat

Active Connections

Proto	Local Address	Foreign Address	State
TCP	127.0.0.1:50934	DESKTOP-KAPOF4H:50935	ESTABLISHED
TCP	127.0.0.1:50935	DESKTOP-KAPOF4H:50934	ESTABLISHED
TCP	192.168.1.9:50913	192.168.1.5:8009	ESTABLISHED
TCP	192.168.1.9:50919	20.198.118.190:https	ESTABLISHED
TCP	192.168.1.9:50922	192.168.1.4:8008	ESTABLISHED
TCP	192.168.1.9:50923	192.168.1.5:8008	ESTABLISHED
TCP	192.168.1.9:50927	192.168.1.4:8009	ESTABLISHED
TCP	192.168.1.9:51024	1b-140-82-112-26-iad:https	ESTABLISHED
TCP	192.168.1.9:51072	152.195.38.76:http	ESTABLISHED
TCP	192.168.1.9:51074	204.79.197.222:https	ESTABLISHED
TCP	192.168.1.9:51075	13.107.4.254:https	ESTABLISHED
TCP	[2401:4900:1f2c:126a:683d:6af8:b286:68ee]:50920	si-in-f188:5228	ESTABLISHED
TCP	[2401:4900:1f2c:126a:683d:6af8:b286:68ee]:50921	whatsapp-cdn6-shv-01-tir2:https	ESTABLISHED
TCP	[2401:4900:1f2c:126a:683d:6af8:b286:68ee]:50984	[2606:4700:8391:e57:c539:1:6811:bbbd]:https	CLOSE_WAIT
TCP	[2401:4900:1f2c:126a:683d:6af8:b286:68ee]:50997	[2606:4700:8391:e57:c539:1:6811:bbbd]:https	CLOSE_WAIT
TCP	[2401:4900:1f2c:126a:683d:6af8:b286:68ee]:51071	[2603:1026:c0c:1c::2]:https	ESTABLISHED
TCP	[2401:4900:1f2c:126a:683d:6af8:b286:68ee]:51077	[2606:2800:147:120f:30c:1ba0:fc6:265a]:https	ESTABLISHED

C:\Users\User>

Nslookup

Command Prompt - nslookup

C:\Users\User>nslookup

Default Server: UnKnown

Address: 2401:4900:50:9::280

> google.com

Server: UnKnown

Address: 2401:4900:50:9::280

Non-authoritative answer:

Name: google.com

Addresses: 2404:6800:4007:827::200e
142.250.195.206

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