

```
Microsoft Windows [Version 10.0.22021.2134]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Raghav Deshwal>ping

Usage: ping [-t] [-a] [-n count] [-l size] [-f] [-i TTL] [-v TOS]
           [-r count] [-s count] [-j host-list] [-k host-list]
           [-w timeout] [-R] [-S srcaddr] [-c compartment] [-p]
           [-4] [-6] Target_name

Options:
  -t             Ping the specified host until stopped.
                 To see statistics and continue - type Control-Break;
                 To stop - type Control-C.
  -a             Resolve addresses to hostnames.
  -n count       Number of echo requests to send.
  -l size        Send buffer size.
  -f            Set Don't Fragment flag in packet (IPv4-only).
  -i TTL         Time To Live.
  -v TOS         Type of Service (IPv4-only. This setting has been deprecated
                 and has no effect on the type of service field in the IP
                 Header).
  -r count       Record route for count hops (IPv4-only).
  -s count       Timestamp for count hops (IPv4-only).
  -j host-list   Loose source route along host-list (IPv4-only).
  -k host-list   Strict source route along host-list (IPv4-only).
  -w timeout     Timeout in milliseconds to wait for each reply.
  -R            Use routing header to test reverse route also (IPv6-only).
                 Per RFC 5095 the use of this routing header has been
                 deprecated. Some systems may drop echo requests if
                 this header is used.
  -S srcaddr     Source address to use.
  -c compartment Ping a Hyper-V Network Virtualization provider address.
  -p            Force using IPv4.
  -6            Force using IPv6.

C:\Users\Raghav Deshwal>ping google.co.in

Pinging google.co.in [2404:6800:4002:805::2003] with 32 bytes of data:
Reply from 2404:6800:4002:805::2003: time=28ms
Request timed out.
Reply from 2404:6800:4002:805::2003: time=27ms
Reply from 2404:6800:4002:805::2003: time=61ms

Ping statistics for 2404:6800:4002:805::2003:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milliseconds:
        Minimum = 27ms, Maximum = 61ms, Average = 38ms

C:\Users\Raghav Deshwal>
```

C:\Users\Raghav Deshwal>netstat

Active Connections

Proto	Local Address	Foreign Address	State
TCP	127.0.0.1:49741	kubernetes:65001	ESTABLISHED
TCP	127.0.0.1:49745	kubernetes:49755	ESTABLISHED
TCP	127.0.0.1:49755	kubernetes:49745	ESTABLISHED
TCP	127.0.0.1:65001	kubernetes:49741	ESTABLISHED
TCP	172.20.10.8:52234	whatsapp-chatd-edge-shv-02-del1:5222	TIME_WAIT
TCP	[2409:40d1:9:b23f:55c1:6b97:cf45:f1db]:51053	[2603:1040:a06:3::4]:https	ESTABLISHED
TCP	[2409:40d1:9:b23f:55c1:6b97:cf45:f1db]:51059	[64:ff9b::14c6:76be]:https	ESTABLISHED
TCP	[2409:40d1:9:b23f:55c1:6b97:cf45:f1db]:51074	se-in-f188:5228	ESTABLISHED
TCP	[2409:40d1:9:b23f:55c1:6b97:cf45:f1db]:52205	[2405:200:1630:1600:b855:dc94]:https	CLOSE_WAIT
TCP	[2409:40d1:9:b23f:55c1:6b97:cf45:f1db]:52206	[64:ff9b::346d:3856]:https	TIME_WAIT
TCP	[2409:40d1:9:b23f:55c1:6b97:cf45:f1db]:52235	whatsapp-cdn6-shv-02-del1:https	CLOSE_WAIT
TCP	[fe80::41c3:b687:6e8a:6a7a%20]:1521	[fe80::41c3:b687:6e8a:6a7a%20]:49676	ESTABLISHED
TCP	[fe80::41c3:b687:6e8a:6a7a%20]:49676	[fe80::41c3:b687:6e8a:6a7a%20]:1521	ESTABLISHED

```
Windows IP Configuration

Ethernet adapter Ethernet:

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

Wireless LAN adapter Local Area Connection* 3:

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

Wireless LAN adapter Local Area Connection* 12:

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

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix . :
   IPv6 Address. . . . . : 2409:40d1:9:b23f:55c1:6b97:cf45:f1db
   Temporary IPv6 Address. . . . : fe80:4b8d:c0d2:d9ef:429754
   Link-local IPv6 Address . . . . : fe80:4b8d:c0d2:d9ef:429754
   IPv4 Address. . . . . : 172.20.10.8
   Subnet Mask . . . . . : 255.255.255.240
   Default Gateway . . . . . : fe80:1fcd:a4ff:fe18:e3d34
                               172.20.10.1

Ethernet adapter Bluetooth Network Connection:

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

C:\Users\Raghav Deshwal>
```

```
Command Prompt
6 * * * Request timed out.
7 * * * Request timed out.
8 29 ms 28 ms 23 ms 2001:4800:111:2408
9 32 ms 24 ms 23 ms 2001:4800:0:11d0::1
10 71 ms 29 ms 39 ms 2001:4800:0:11:fb3
10 27 ms 29 ms 44 ms de103a06-in-x03.1e100.net [2404:6800:4002:805::2003]

Trace complete.

C:\Users\Raghav Deshwal>pathping google.co.in

Tracing route to google.co.in [2404:6800:4002:82f::2003]
over a maximum of 30 hops:
 0 MSKV731 [2409:40d1:9:b23f:55c1:0b97:cf45:f1db]
 1 2409:40d1:9:b23f:2844:ae01:d4f4:cbd8
 2 * * *
Computing statistics for 25 seconds...
Source to Here This Node/Link Address
Hop RTT Lost/Sent = Pct Lost/Sent = Pct Address
 0 * * * 0/ 100 = 0% MSKV731 [2409:40d1:9:b23f:55c1:0b97:cf45:f1db]
 1 2ms 0/ 100 = 0% 0/ 100 = 0% 2409:40d1:9:b23f:2844:ae01:d4f4:cbd8

Trace complete.

C:\Users\Raghav Deshwal>nslookup google.co.in
'nslookup' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Raghav Deshwal>nslookup google.co.in
Server: UNKNOWN
Address: fe80::fc4e:a4ff:fe10:e364

Non-authoritative answer:
Name: google.co.in
Addresses: 2404:6800:4002:834::2003
142.250.207.227

C:\Users\Raghav Deshwal>hostname
MSKV731

C:\Users\Raghav Deshwal>
```

```
Command Prompt
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : cuchdit.in

Wireless LAN adapter Local Area Connection* 3:

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

Wireless LAN adapter Local Area Connection* 12:

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

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . :
IPv6 Address. . . . . : 2409:40d1:9:b23f:61c7:d8ff:1c04:3613
Temporary IPv6 Address. . . . : 2409:40d1:9:b23f:55c1:0b97:cf45:f1db
Link-local IPv6 Address . . . : fe80::40bd:c0d2:d9ef:420754
IPv4 Address. . . . . : 172.20.10.8
Subnet Mask . . . . . : 255.255.255.240
Default Gateway . . . . . : fe80::fc4e:a4ff:fe10:e36454
172.20.10.1

Ethernet adapter Bluetooth Network Connection:

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

C:\Users\Raghav Deshwal>tracert google.co.in

Tracing route to google.co.in [2404:6800:4002:805::2003]
over a maximum of 30 hops:
 1 2 ms 1 ms 2 ms 2409:40d1:9:b23f:2844:ae01:d4f4:cbd8
 2 * * * Request timed out.
 3 37 ms 38 ms 28 ms 2405:200:300:21:3925::ff07
 4 40 ms 29 ms 28 ms 2405:200:801:4000::33a
 5 * * * Request timed out.
 6 * * * Request timed out.
 7 29 ms 28 ms 23 ms 2001:4800:111:2408
 8 32 ms 24 ms 23 ms 2001:4800:0:11d0::1
 9 71 ms 29 ms 39 ms 2001:4800:0:11:fb3
10 27 ms 29 ms 44 ms de103a06-in-x03.1e100.net [2404:6800:4002:805::2003]

Trace complete.

C:\Users\Raghav Deshwal>
```

```
C:\Users\Raghav Deshwal>arp -a

Interface: 172.20.10.8 --- 0x4

Internet Address      Physical Address      Type
172.20.10.1           fe-4e-a4-10-e3-64    dynamic
172.20.10.15          ff-ff-ff-ff-ff-ff    static
224.0.0.22            01-00-5e-00-00-16    static
224.0.0.251           01-00-5e-00-00-fb    static
224.0.0.252           01-00-5e-00-00-fc    static
239.255.255.250       01-00-5e-7f-ff-fa    static
255.255.255.255       ff-ff-ff-ff-ff-ff    static
```