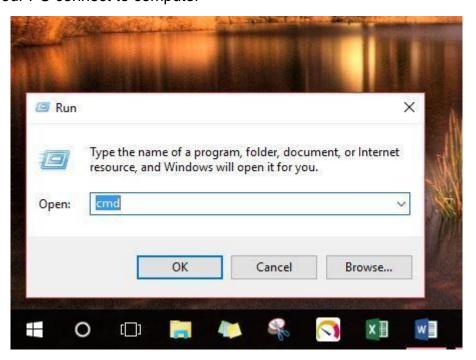


## **PING Services**

## What's PING?

**PING** is a computer network administration software utility used to test the reachability of a host on an Internet Protocol (IP) network and to measure the roundtrip time for messages sent from the originating host to a destination computer and back. The name comes from active sonar terminology that sends a pulse of sound and listens for the echo to detect objects under water;<sup>[1]</sup> however, the backronym "PING" meaning "Packet InterNet Groper" has been in use since early days<sup>[2]</sup> in computing for testing and measuring networks and the Internet.

## **How To?**Check if your PC connect to computer



1. Press windows+R (if you're on windows) or simply use run command 2. Type cmd

```
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\USER>ping 8.8.8.8
```

3. And the command prompt pop out, then type ping(space)8.8.8.8

```
Microsoft Windows [Version 10.0.10586]

(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\USER>ping 8.8.8.8

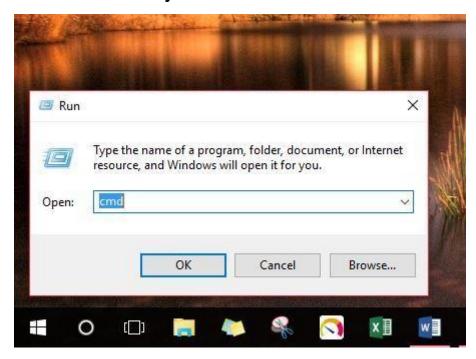
Pinging 8.8.8.8 with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=7ms TTL=55
Reply from 8.8.8.8: bytes=32 time=34ms TTL=55
Reply from 8.8.8.8: bytes=32 time=5ms TTL=55
Reply from 8.8.8.8: bytes=32 time=143ms TTL=55

Ping statistics for 8.8.8.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 5ms, Maximum = 143ms, Average = 47ms

C:\Users\USER>
```

4. See the result if the result as the picture it means your internet working properly from your pc if the result Request time out, Destination Unreachable or TTL Expired In Transit please see the future instruction on FAQ or contact us for future assistance.

## **How To PING Router's Gateway?**



Press windows+R (if you're on windows) or simply use run command 2.
 Type cmd

```
Command Prompt
   \Users\USER>ipconfig
Windows IP Configuration
Ethernet adapter Ethernet:
   Media State . . . . . . . . . : Media disconnected Connection-specific DNS Suffix . :
Wireless LAN adapter Local Area Connection* 3:
   Media State . . . . . . . . : Media disconnected Connection-specific DNS Suffix . :
Wireless LAN adapter Wi-Fi:
   Connection-specific DNS Suffix .:
   Link-local IPv6 Address . . . : fe80::1d3a:6b4f:41aa:e586%5
IPv4 Address . . . . : 192.168.88.44
Subnet Mask . . . . . . : 255.255.255.2592
   Default Gateway . . . . . . . . : 192.168.88.8
 Funnel adapter isatap.{59598563-0C82-41B8-9842-7073F012738E}:
   Media State . . . . . . . . . : Media disconnected Connection-specific DNS Suffix \, . :
Tunnel adapter Teredo Tunneling Pseudo-Interface:
   Connection-specific DNS Suffix .:
    IPv6 Address. . . . . . . . . : 2001:0:5ef5:79fd:83e:b86:3<u>5</u>65:47f5
   Link-local IPv6 Address . . . . : fe80::83e:b86:3565:47f5%3
Default Gateway . . . . . . : ::
```

3. Type **ipconfig**, See the default gateway above, for the example the default gateway is **192.168.88.8** 

```
×
 Command Prompt
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.
C:\Users\USER>ping 192.168.88.8
Pinging 192.168.88.8 with 32 bytes of data:
Reply from 192.168.88.8: bytes=32 time=1ms TTL=64
Reply from 192.168.88.8: bytes=32 time=1ms TTL=64
Reply from 192.168.88.8: bytes=32 time=2ms TTL=64
Reply from 192.168.88.8: bytes=32 time=1ms TTL=64
Ping statistics for 192.168.88.8:
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = 1ms, Maximum = 2ms, Average = 1ms
C:\Users\USER>
```

4. Do a ping again and. See the result if the result as the picture it means your internet working properly from your pc if the result Request time out, Destination Unreachable or TTL Expired In Transit please see the future instruction on FAQ or contact us for future assistance.