

# Instructions to check the network by Ping - Check the network speed

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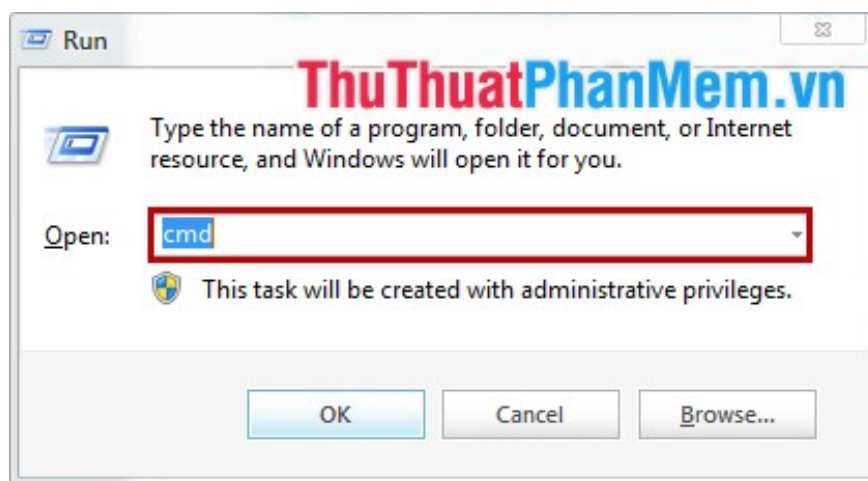
You want to check the network speed of different carriers or websites you visit but you do not know the syntax of the Ping command in cmd.

The following article guides you to check your network speed by pinging the network on the cmd.exe window.

## Ping Internet networks Viettel, FPT, VNPT

Using CMD to Ping the network, the Ping command works on the ICMP protocol used to check the status of network connectivity between the two hosts. The Ping command can be used on all operating systems.

**Step 1:** Press the **Windows** + **R** key combination to open the **Run** dialog box , on the **Run** dialog box, enter the keyword *cmd* and click **OK** to open the cmd.exe window.



**Step 2:** In the cmd.exe window, enter the Ping command for the networks or websites you want to check and press **Enter** .

**Syntax Ping of Viettel, FPT, VNPT networks:**

- **Viettel network ping** : ping 203.113.131.1

- **FPT network** ping : ping 210.245.31.130

- **VNPT network** ping : ping 203.162.4.190

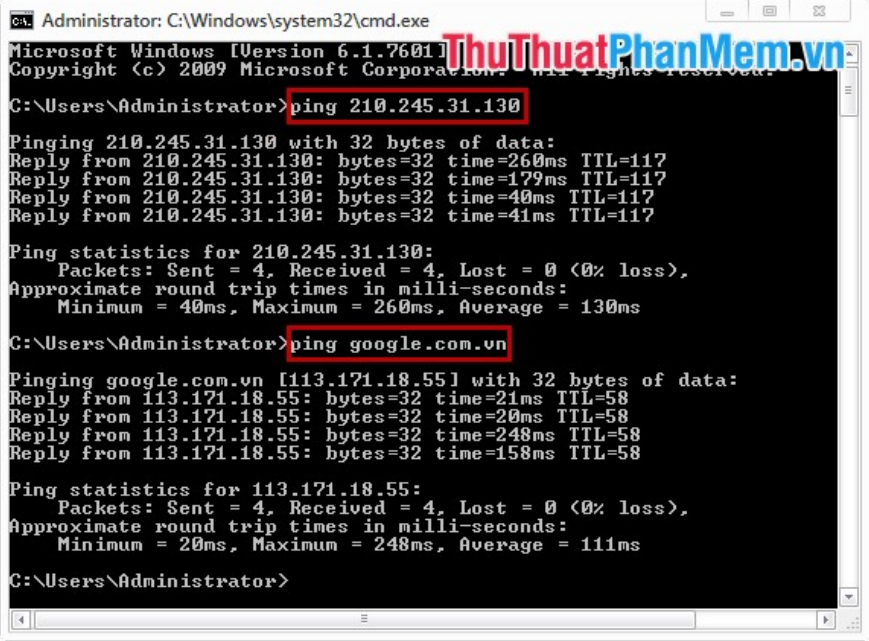
### Syntax Ping of websites:

ping "Domain\_name"

For example, ping google.com

ping vnexpress.net

ping dantri.com.vn



```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
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C:\Users\Administrator>ping 210.245.31.130

Pinging 210.245.31.130 with 32 bytes of data:
Reply from 210.245.31.130: bytes=32 time=260ms TTL=117
Reply from 210.245.31.130: bytes=32 time=179ms TTL=117
Reply from 210.245.31.130: bytes=32 time=40ms TTL=117
Reply from 210.245.31.130: bytes=32 time=41ms TTL=117

Ping statistics for 210.245.31.130:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 40ms, Maximum = 260ms, Average = 130ms

C:\Users\Administrator>ping google.com.vn

Pinging google.com.vn [113.171.18.55] with 32 bytes of data:
Reply from 113.171.18.55: bytes=32 time=21ms TTL=58
Reply from 113.171.18.55: bytes=32 time=20ms TTL=58
Reply from 113.171.18.55: bytes=32 time=248ms TTL=58
Reply from 113.171.18.55: bytes=32 time=158ms TTL=58

Ping statistics for 113.171.18.55:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 20ms, Maximum = 248ms, Average = 111ms

C:\Users\Administrator>
```

You just need to note the parameters:

**bytes = 32** The default size of a packet when sending is 32 bytes.

**time:** delay (delay) of the packet.

**TTL (Time to Live):** if it is a Windows operating system, the largest TTL is 128, Linux, Unix operating system, the largest TTL is 64. Each time going through a router, the TTL will be deducted 1. From the ping command You can see what the host is running on, through how many routers.

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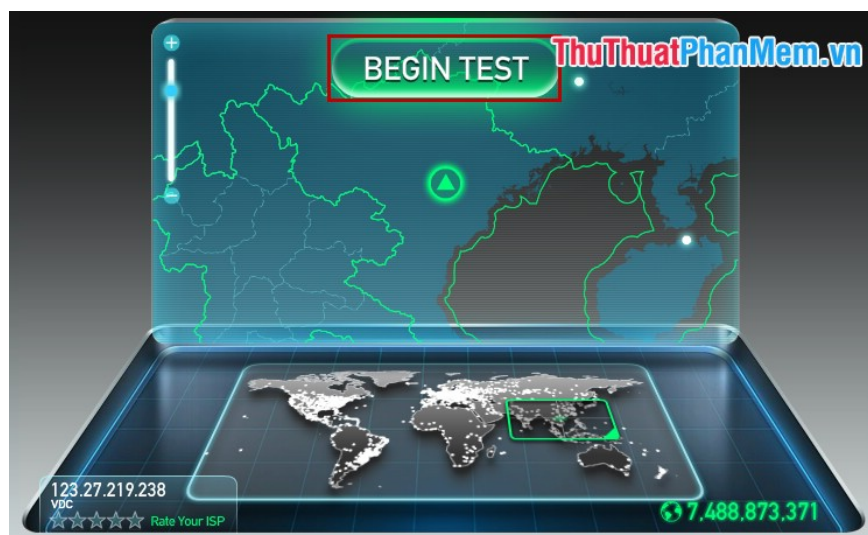
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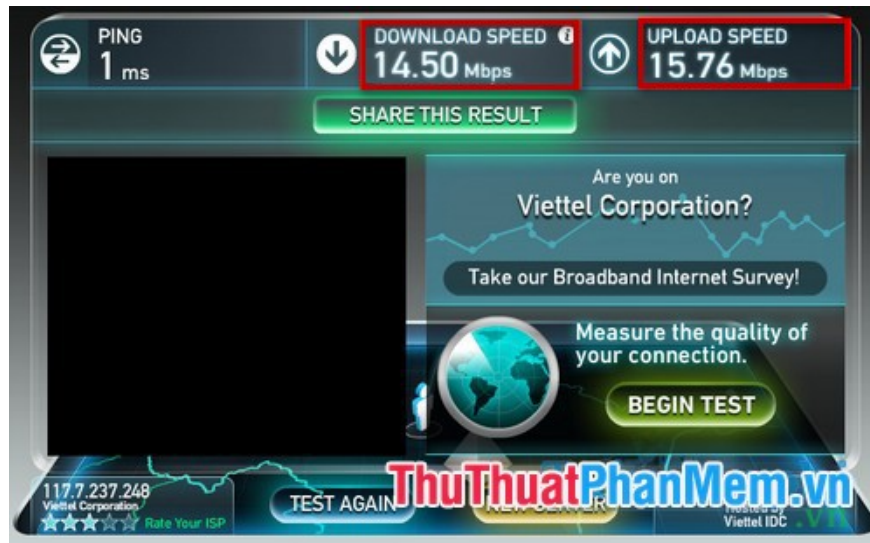
In addition, you can use the *Speedtest.net* web service to test the speed of Internet of Viettel, FPT, VNPT.

**Step 1:** You access <http://www.speedtest.net/>.

**Step 2:** Click **Begin Test** to start testing.



**Step 3:** The software will then process and test the download and upload speed. After the test is completed, it will return the final results of the upload and download speed.



Thus, the article has instructed you to check the network speed by pinging the network and a web service to help you quickly check the network speed. You can easily check your network speed using. Good luck!

You finished reading the article "**Instructions to check the network by Ping - Check the network speed**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.