

Speed ??up Internet connection by using CMD command on WindowsXP / 7/8 / 8.1

Internet connection speed is one of the top concerns. Besides installing and using 3rd party applications to speed up, you can set the parameters you need to achieve the highest network performance.

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1. Speed ??up Internet connection with cmd command

Step 1:

Open Command Prompt under Admin.

To open the Command Prompt under Admin, first press the **Windows + R** key combination to open the Run dialog box or alternatively you type the keyword **Run** on the Search box.

Now on the screen that appears the Run dialog window, enter **cmd** in the window and press **Enter**.

Next, right-click CMD and select **Run As Administrator** to open the Command Prompt under Admin.

Step 2:

Enter each of the following commands into the Command Prompt window:

Netsh int tcp show global and press Enter.

Netsh int tcp set global chimney = enabled and then press Enter.

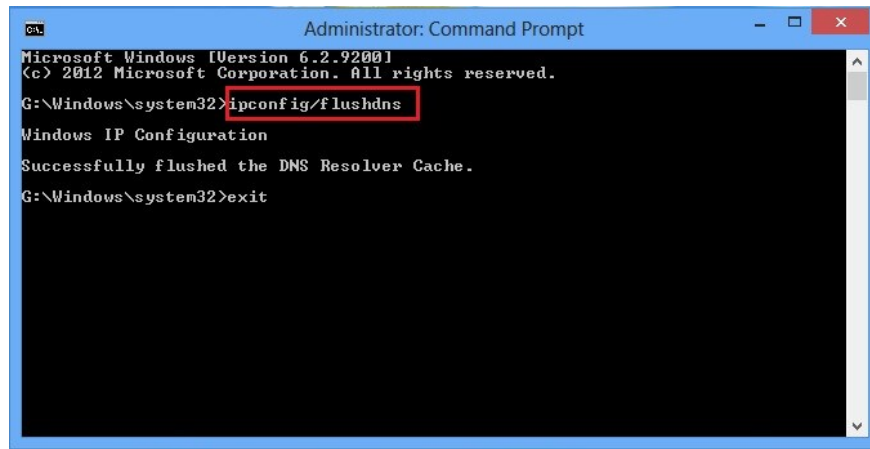
Netsh int tcp set global autotuninglevel = normal and press Enter.

Netsh int set global congestionprovider = ctcp then press Enter.

2. Speed ??up Internet by resetting DNS cache

Open Command Prompt under Admin. Follow the instructions in section 1.

On the Command Prompt window, enter **ipconfig / flushdns** and press Enter.

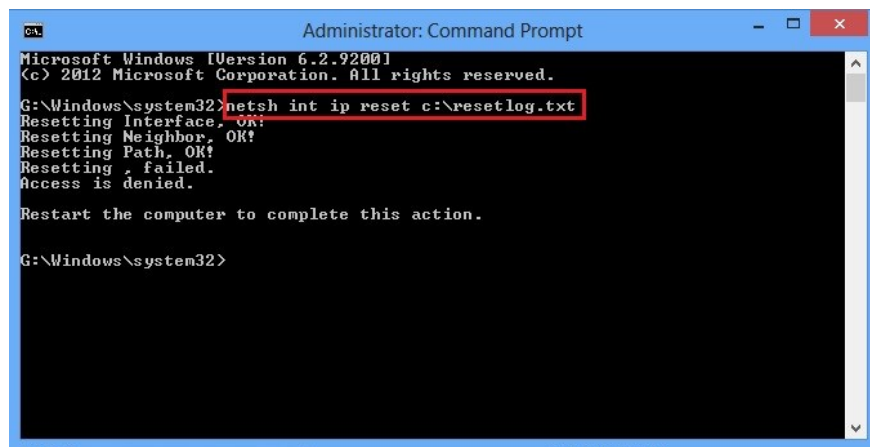


```
Administrator: Command Prompt
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.
G:\Windows\system32>ipconfig/flushdns
Windows IP Configuration
Successfully flushed the DNS Resolver Cache.
G:\Windows\system32>exit
```

3. Speed ??up Internet by resetting Winsock and TCP / IP

Open Command Prompt under Admin. Follow the instructions as shown in section 1.

On the Command Prompt window, enter **netsh int ip reset c: resetlog.txt** and press Enter.



```
Administrator: Command Prompt
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.
G:\Windows\system32>netsh int ip reset c:\resetlog.txt
Resetting Interface, OK!
Resetting Neighbor, OK!
Resetting Path, OK!
Resetting , failed.
Access is denied.

Restart the computer to complete this action.

G:\Windows\system32>
```

4. Speed ??up Internet connection by constantly replying to ping

Step 1:

Open Command Prompt under Admin. Follow the instructions as shown in section 1.

Step 2:

On the Command Prompt window, enter **ipconfig** and press Enter.

```
Administrator: Command Prompt
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.
G:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection 3:

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

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::8160:5144:eb89:e6d4%13
    IPv4 Address. . . . . : 192.168.42.219
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.42.129

Ethernet adapter Ethernet:

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

Now on the Command Prompt window, find the Default Gateway address.

On the Command Prompt window, enter **ping -t (Gateway numbers)** .

For example, ping -t192.168.42.129.

Finally minimize the Command Prompt window.

```
Administrator: Command Prompt - ping -t 192.168.42.129
Connection-specific DNS Suffix  . :
IPv6 Address. . . . . : 2001:0:5cf2:841b:4ef:1e85:3f57:d524
Link-local IPv6 Address . . . . . : fe80::4ef:1e85:3f57:d524%14
Default Gateway . . . . . :

Tunnel adapter isatap.{45E49BE1-13EA-441D-B9D3-4F8756C088A9}:

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

G:\Windows\system32>ping -t 192.168.42.129

Pinging 192.168.42.129 with 32 bytes of data:
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
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Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
Reply from 192.168.42.129: bytes=32 time<1ms TTL=64
```

Note :

Do not exit or close the Command Prompt window.

You can apply this method regularly to browse the Web or when downloading programs, etc. to your computer faster.

Refer to some of the following articles:

1. Speed ??up internet 20% faster in Windows

2. **How to fix when losing Internet connection**

3. **Check Internet speed without software**

Good luck!

You finished reading the article "**Speed ??up Internet connection by using CMD command on WindowsXP / 7/8 / 8.1**" 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.