

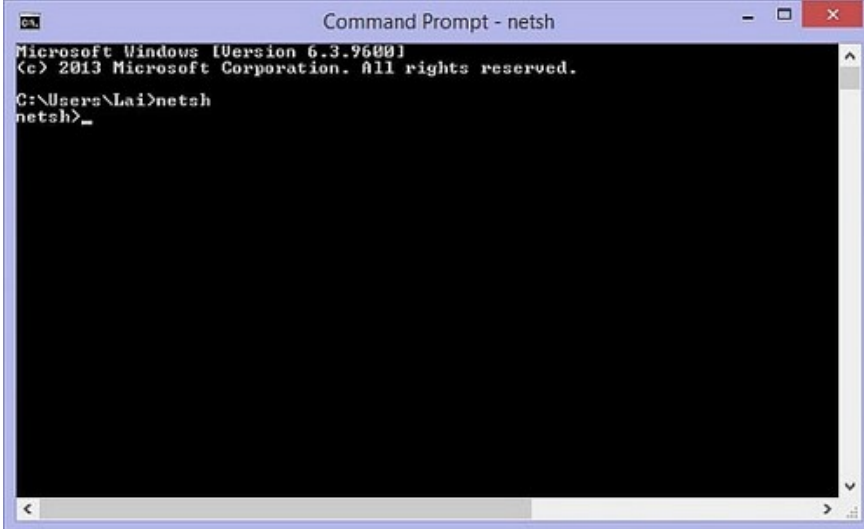
How to configure TCP/IP using CMD command on Windows

Configuring TCP/IP with CMD commands helps network administrators easily control IP, DNS and DHCP settings without a graphical interface. Netsh is a powerful tool that supports network connection management, system optimization and quick troubleshooting.

Instructions for using Netsh to set up TCP/IP on Windows, from setting static IP, enabling DHCP to configuring DNS. Useful solution for administrators and advanced users.

Configure TCPIP using Cmd command

Step 1 : First, open CMD and then enter the **netsh** command to use Netsh.exe.

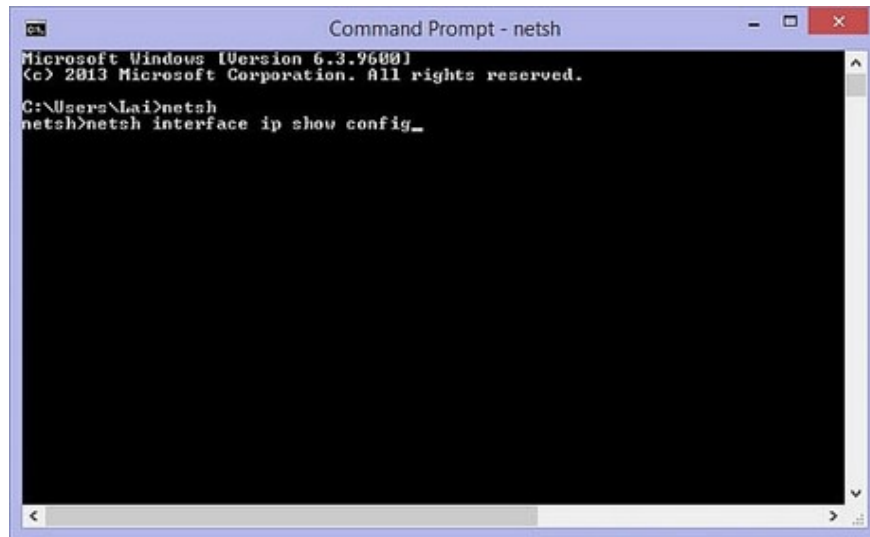


```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Lai>netsh
netsh>_
```

To set up TCP/IP you enter the command.

```
netsh interface ip show config
```



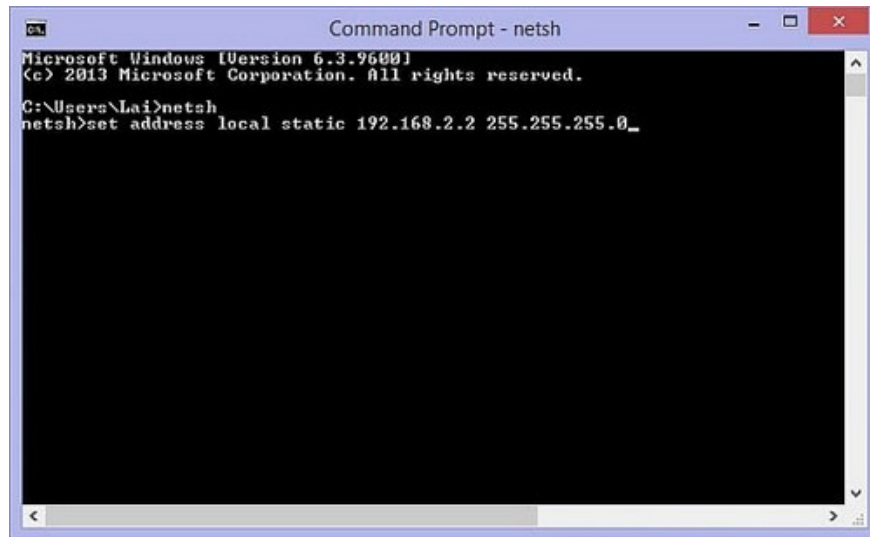
```
Microsoft Windows [Version 6.3.9600]
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C:\Users\Lai>netsh
netsh>netsh interface ip show config_
```

To set a static IP, enter the command.

```
set address local static 192.168.2.2 255.255.255.0
```

In which 192.168.2.2 is the IP, and 255.255.255.0 is the subnet mask



```
Microsoft Windows [Version 6.3.9600]
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C:\Users\Lai>netsh
netsh>set address local static 192.168.2.2 255.255.255.0_
```

To set up DHCP mode you enter the command.

```
set address name= 'Local Area Connection' source=dhcp
```

```
Microsoft Windows [Version 6.0.6002]
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C:\Users\Lai>netsh
netsh>set address name= "Local Area Connection" source-dhcp
```

To configure DNS you enter the command.

```
set DNS 'Local Area Connection' static 192.168.2.1
```

Where 192.168.2.1 is the DNS address.

```
Microsoft Windows [Version 6.0.6002]
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C:\Users\Lai>netsh
netsh>set DNS "Local Area Connection" static 192.168.2.1
```

To exit the netsh.exe environment you type.

```
exit
```

```
Microsoft Windows [Version 6.0.6002]
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C:\Users\Lai>netsh
netsh>exit
```

If you want to check TCP/IP information using CMD command, you use the command.

```
ipconfig /all
```

```
Command Prompt
C:\Users\Aldi>ipconfig/all
Windows IP Configuration

Host Name . . . . . : HP-Envy-M6
Primary Dns Suffix . . . . . :
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . :

Wireless LAN adapter Local Area Connection* 2:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
Physical Address. . . . . : 12-68-7D-88-58-B5
DHCP Enabled. . . . . : Yes
Autconfiguration Enabled . . . . : Yes

Ethernet adapter Ethernet:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . . : Realtek PCIe GBE Family Controller
Physical Address. . . . . : 5C-3D-E5-7C-A7-F9
DHCP Enabled. . . . . : Yes
Autconfiguration Enabled . . . . : Yes

Wireless LAN adapter Wi-Fi
```

You can use Netsh to configure TCP/IP on Windows flexibly, from setting static IP, enabling DHCP to editing DNS. If you need to manage the network system in depth, CMD commands will help **check IP addresses** quickly and accurately.

You finished reading the article "**How to configure TCP/IP using CMD command on Windows**" 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.