

# How to fix The DNS Server isn't Responding error on Windows

How to fix The DNS Server isn't responding successfully? Step-by-step instructions to fix The DNS Server isn't responding on Windows

DNS is one of the very important components of the Internet. And if you've ever struggled with accessing Facebook when blocked , you've certainly learned about DNS, right?

And in the process of using the computer, I don't know how you guys are, but I sometimes encounter the DNS Server is not responding error that makes me unable to connect to the Internet.

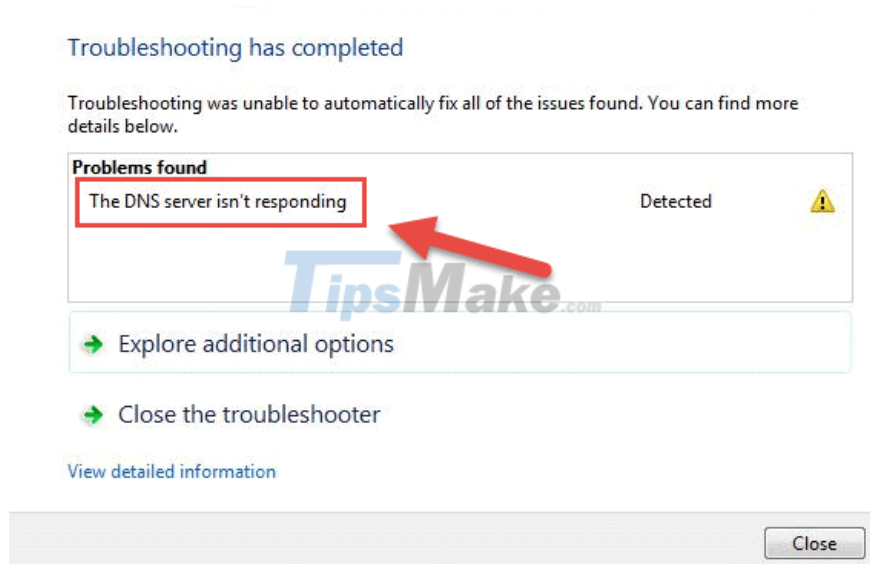
So in this article, I will summarize the most effective ways to successfully fix this annoying DNS Server is not responding error.

When I have a yellow exclamation error on the Internet icon , I often use the Troubleshoot problems tool to fix some errors related to the Internet.

This is one of the error fixing tools available on the Windows operating system , it often proves to be quite effective in many cases. But it's not always so convenient.



If Unlucky, then a DNS error will appear as shown below.

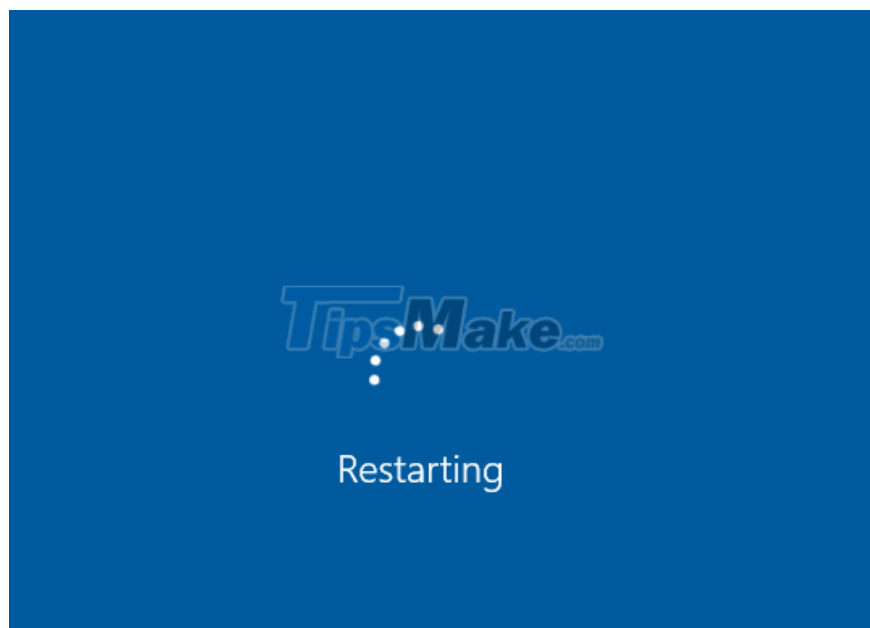


## #first. Restart the computer

For me, the first thing that I do if there is any error with the Windows operating system is to restart the computer.

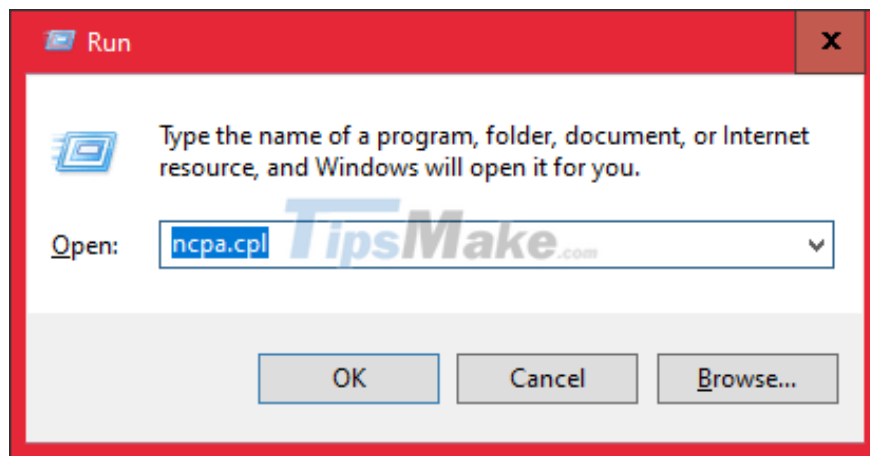
It sounds a bit bland, a bit absurd, but sometimes it has an unbelievable effect. Therefore, please restart that computer before performing the next steps.

Don't joke with this method, common errors such as the machine naturally lost sound, cannot run software, the computer suddenly lags strangely, the printer can't print. then restarting will That's a pretty good plan.



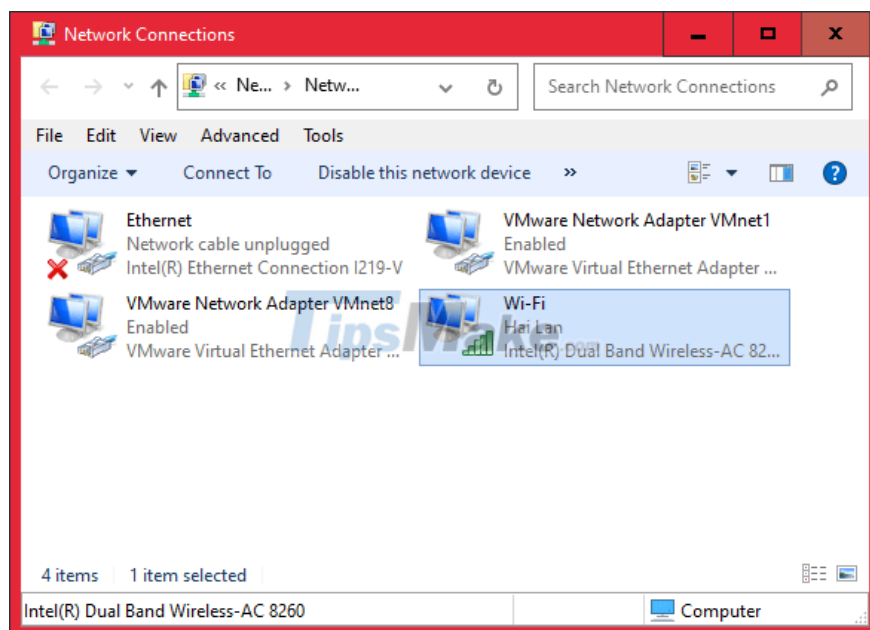
## #2. Change DNS Server

+ Step 1: Open the Run dialog box by pressing Windows + R key combination => then enter ncpa.cpl => and press Enter.

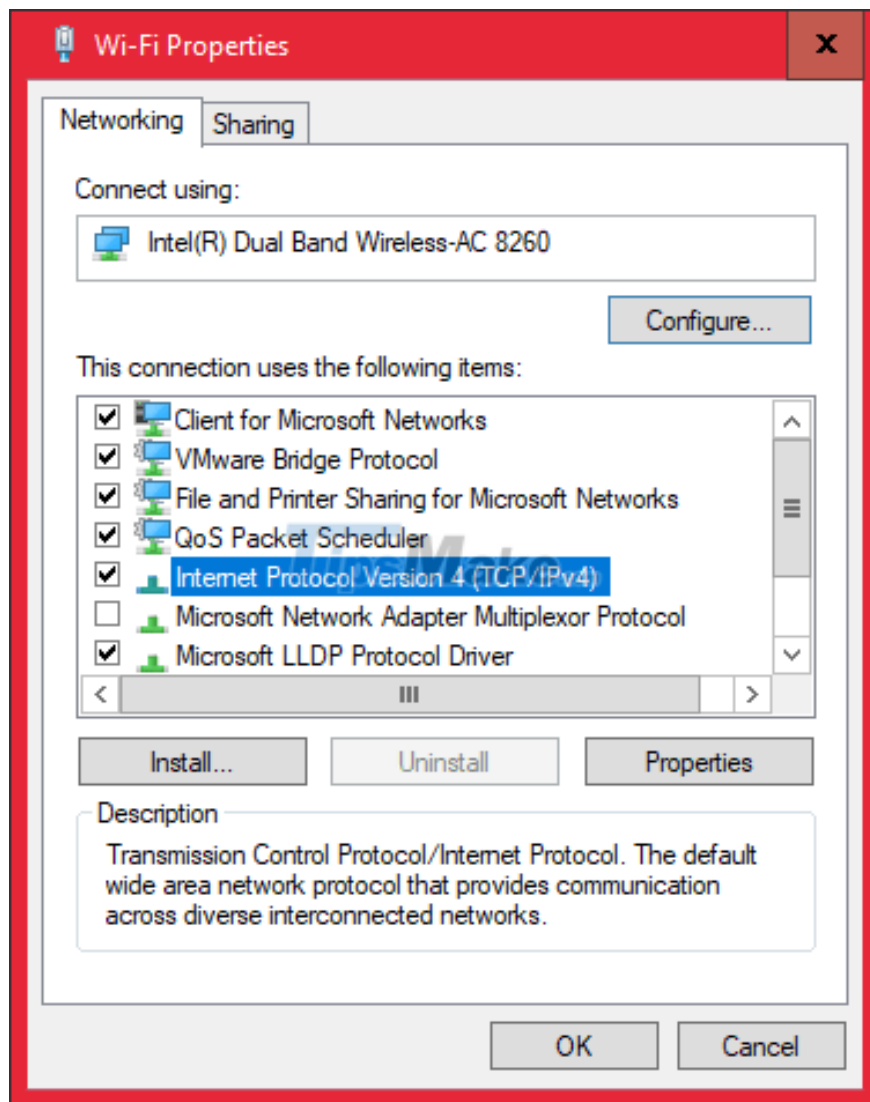


+ Step 2: Then you find the correct Internet connection that you are using. For example, mine here is that Wi-Fi network (with a column below the Computer icon).

=> Then you right-click on it => and select Properties.



+ Step 3: Then double-click on Internet Protocol Version 4 (TCP/IPv4) so ??we can enter the settings.



+ Step 4: Now you tick Use the following DNS Server addresses. Next you can adjust the following DNS:

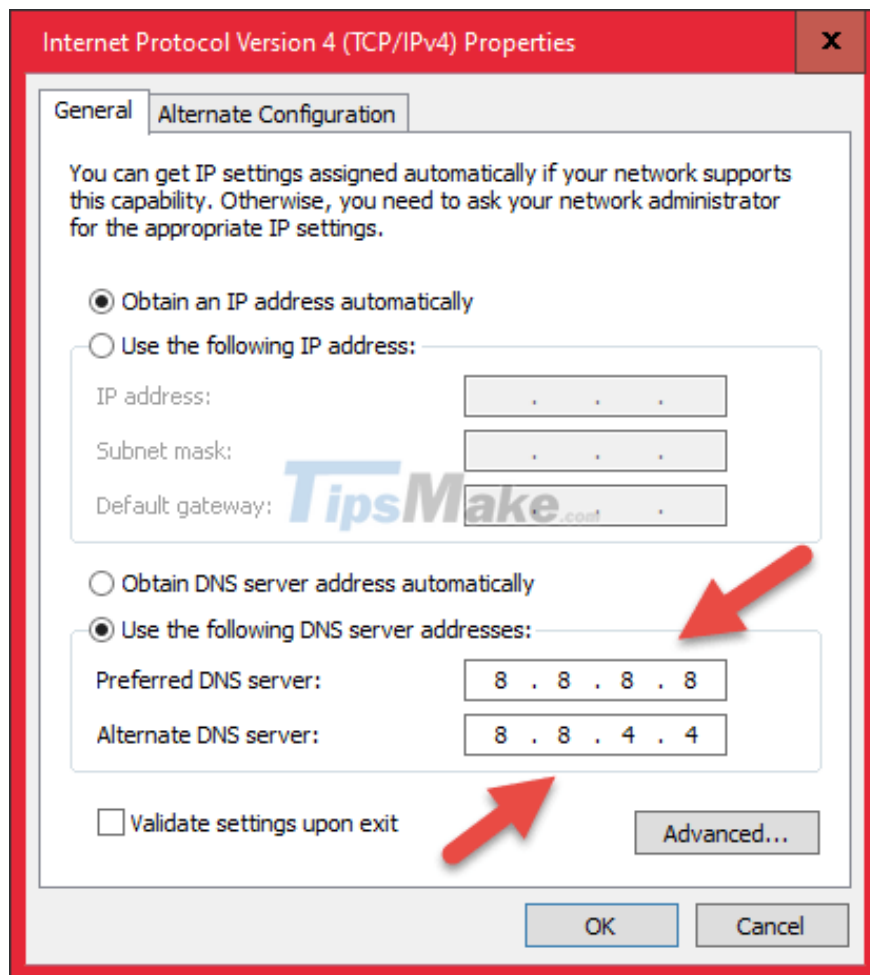
1. 8.8.8.8 / 8.8.4.4

Or:

1. 208.67.222.222 / 208.67.220.220

TIPS: Alternatively, you can use CloudFlare's first quarter DNS range or many other DNS ranges.

+ Step 5: After you are done, click OK => Finally, turn off the network and turn it back on to try again.



### #3. Reinstall Network Driver

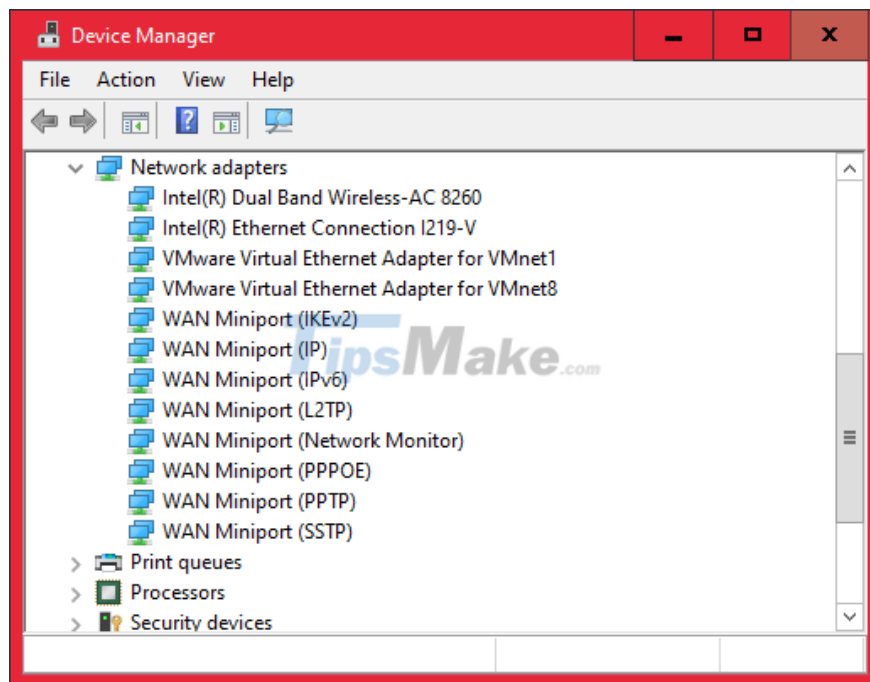
Note: Download the network driver before reinstalling. I recommend to you to use 3DP NET software , a software that can balance all types of computers today.

But of course, you should try the method below, if it still doesn't work, then use the last trick 3DP NET!

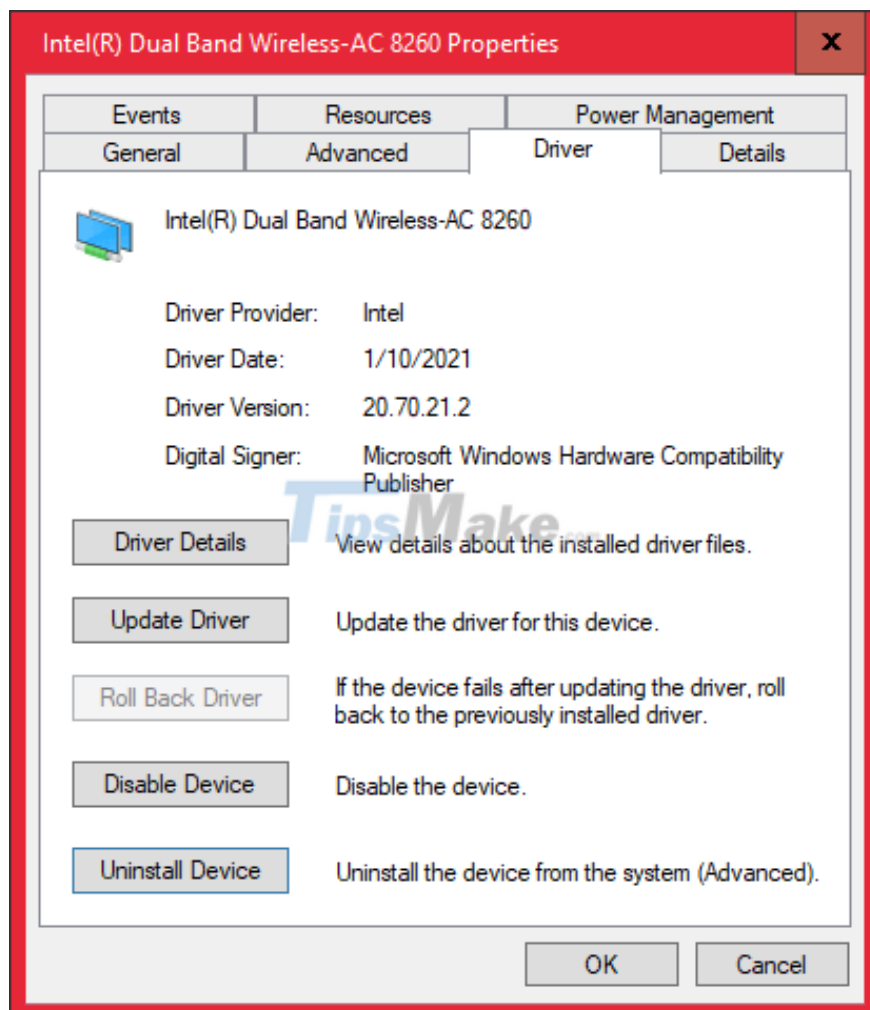
+ Step 1: You press the Windows + X key combination => then click Device Manager => You click on Network Adapters.

Another way to open Device Manager is to right-click This PC => select Manage => then select Device Manager

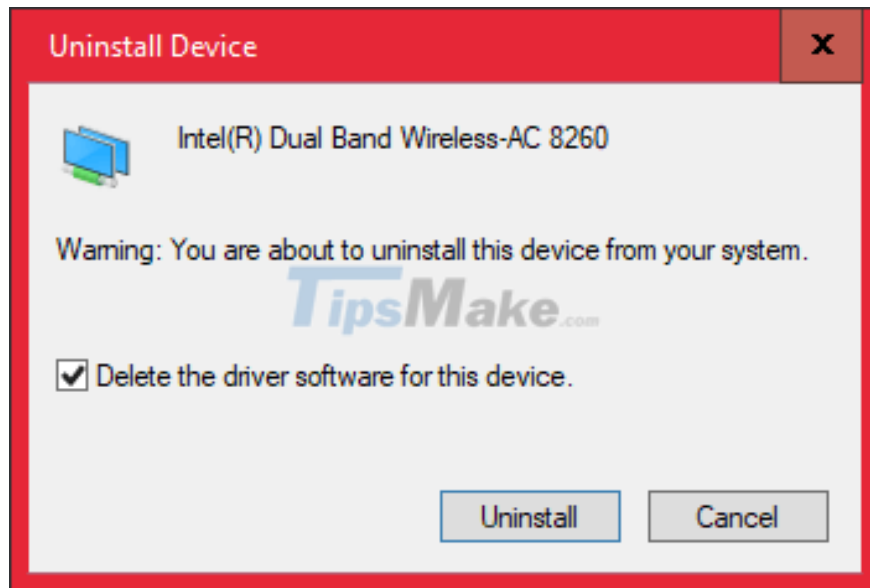
Next, double-click on the network adapter you are using, for example, if you are using a Wi-Fi network here, it is Intel(R) Dual Band Wireless-AC 8230



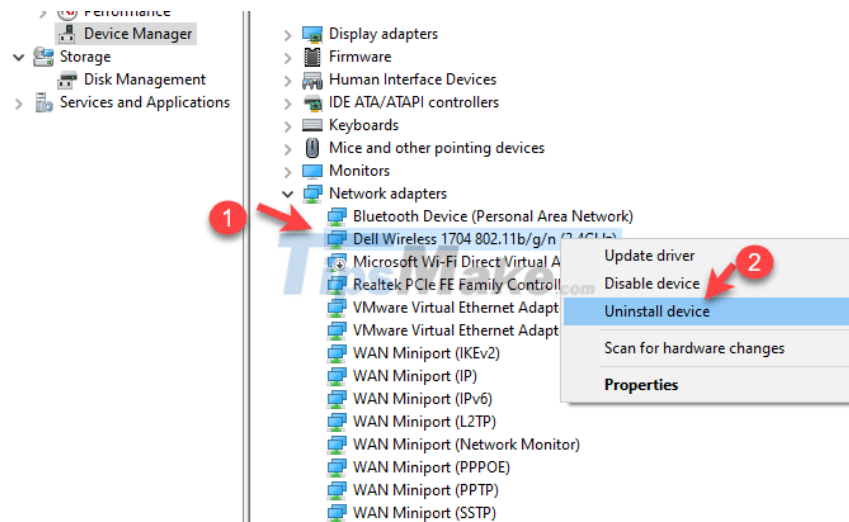
+ Step 2: Then you switch to the Driver tab as shown below.



+ Step 3: Next, click Uninstall Device, remember to tick Delete the driver software for this device => click Uninstall to remove the current Driver.



Or you can do it faster, right click on the network you are using => and select Uninstall device (image added by Admin):



+ Step 4: Then right-click on the network connection as shown above => then select Scan for hardware changes to have the computer reinstall the Driver.

Or you can restart the computer, now we have the following two cases:

1. If the computer connects to the network normally, you are successful.
2. If the computer still has the above error or does not receive the Driver, you need to download a new Driver. To download the most standard Driver according to your computer brand, you should see this article , and if you do not have much experience, just use 3DP NET, guys.

#### #4. Turn off firewall and anti-virus software

Firewalls and anti-virus software are both bulwarks that protect your computer.

But sometimes it affects your Internet. Therefore, try turning off the firewall and anti-virus software, it may temporarily fix this annoying DNS Server is not responding error.

## #5. Using netsh command in CMD

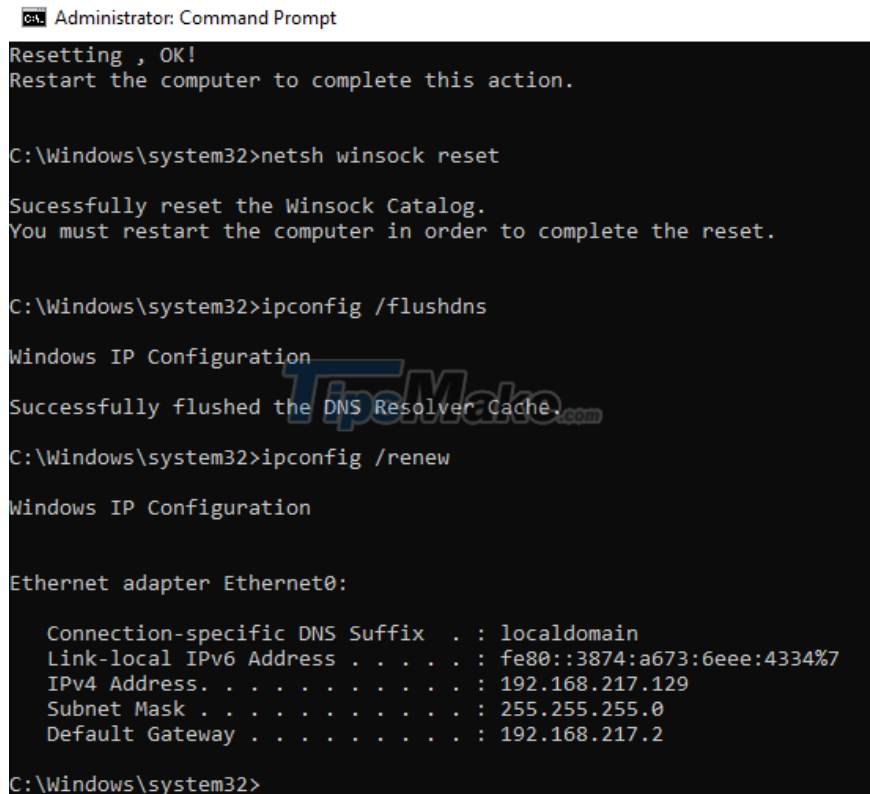
+ Step 1: Open Command Prompt with Admin rights, then enter the following commands (after each command you press Enter):

```
netsh int ip reset
```

```
netsh winsock reset
```

```
ipconfig /flushdns
```

```
ipconfig /renew
```



```
Administrator: Command Prompt
Resetting , OK!
Restart the computer to complete this action.

C:\Windows\system32>netsh winsock reset

Sucessfully reset the Winsock Catalog.
You must restart the computer in order to complete the reset.

C:\Windows\system32>ipconfig /flushdns

Windows IP Configuration

Successfully flushed the DNS Resolver Cache.

C:\Windows\system32>ipconfig /renew

Windows IP Configuration

Ethernet adapter Ethernet0:

    Connection-specific DNS Suffix  . : localdomain
    Link-local IPv6 Address . . . . . : fe80::3874:a673:6eee:4334%7
    IPv4 Address. . . . . : 192.168.217.129
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.217.2

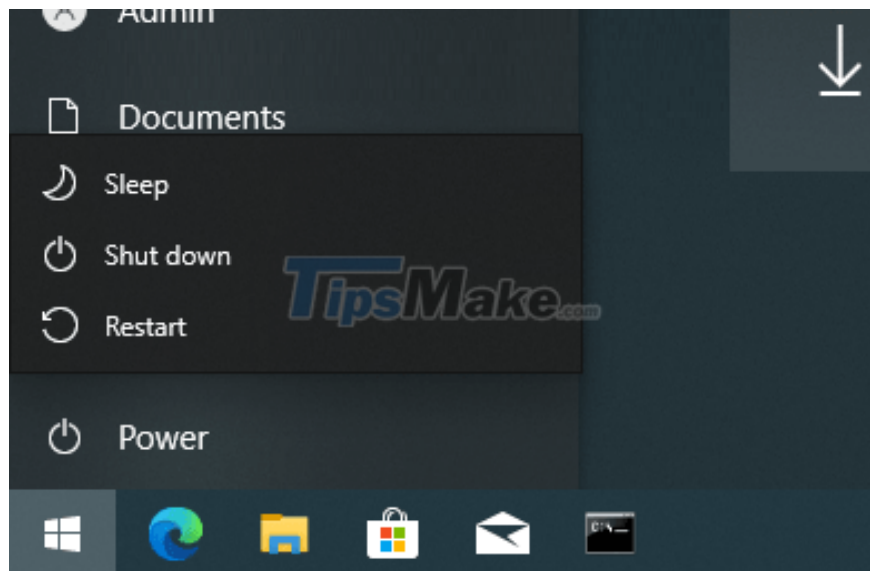
C:\Windows\system32>
```

Step 2: Finally, restart your computer to apply the changes.

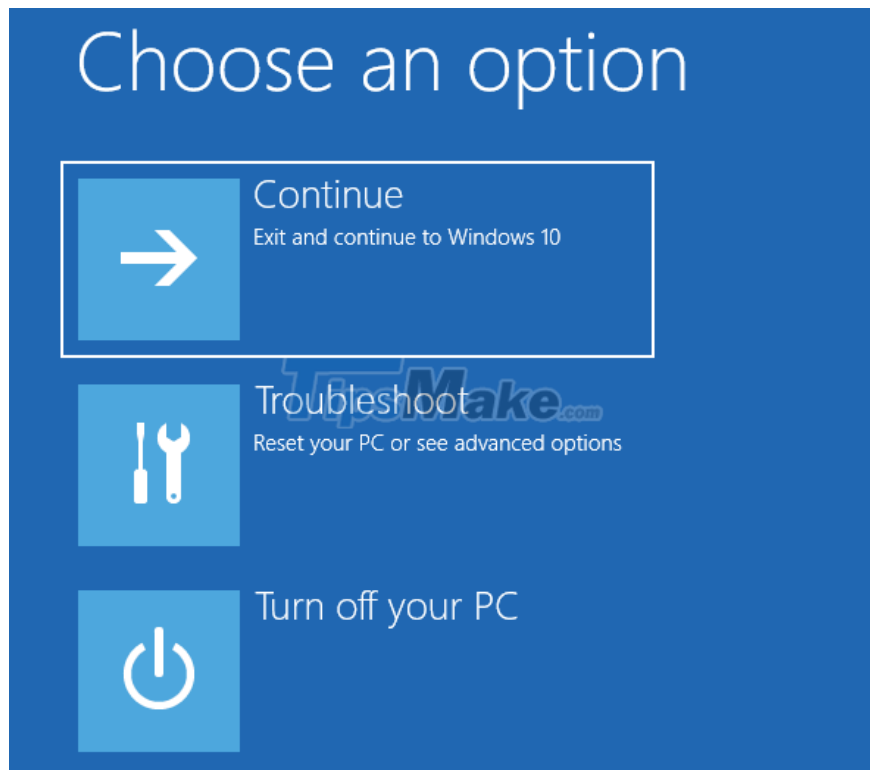
## #6. Start the computer in Safe Mode

Safe Mode helps you start your computer with the most basic software and drivers (Driver). Sometimes this DNS error occurs because the software or driver of a certain hardware conflicts with each other.

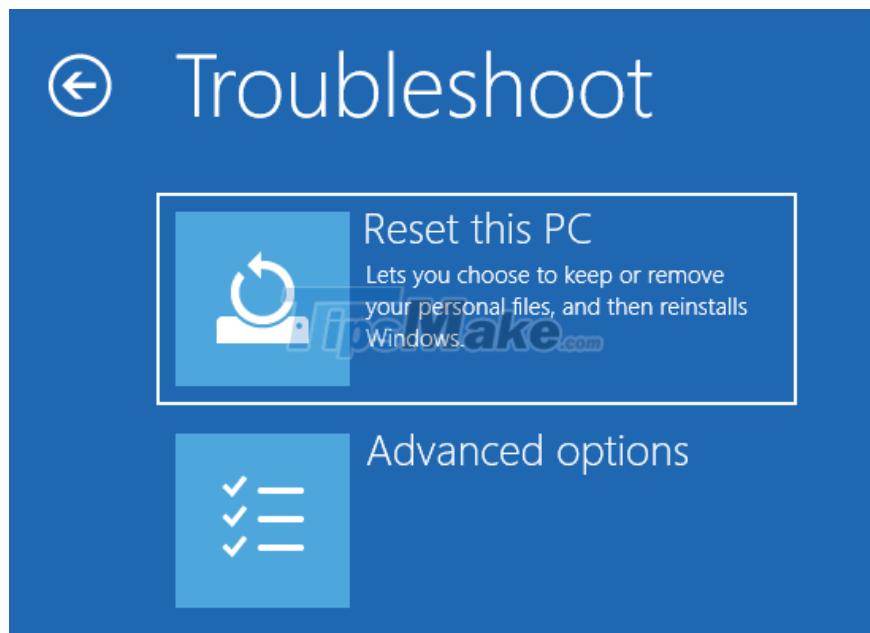
+ Step 1: To access Safe Mode of the computer, press the Windows key on the keyboard (next to the ALT key) => then click the Power button, hold the Shift key => and click Restart.



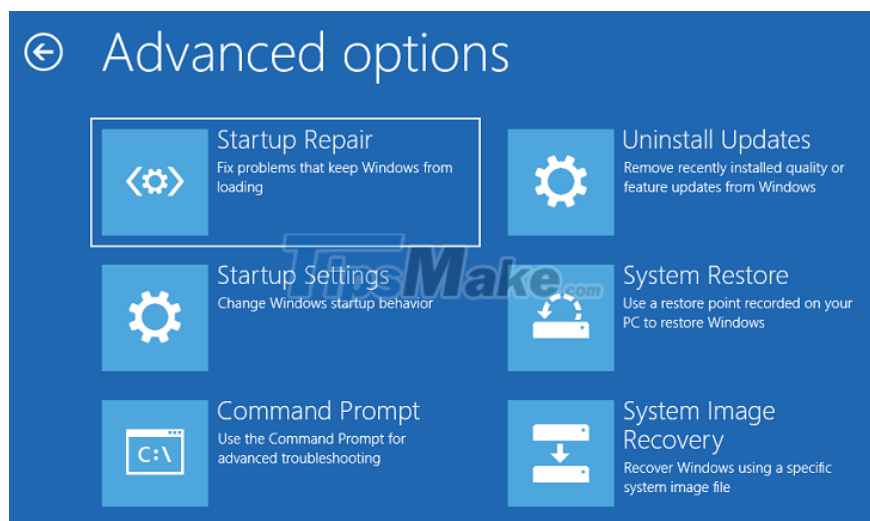
Step 2: Click Troubleshoot.



Step 3: Next, select Advanced options.



+ Step 4: Then you click Startup Settings => and click Restart.



Next, press 5 or F5 to enter Safe Mode with Networking (this is Safe Mode with Internet).

# Startup Settings

Press a number to choose from the options below:

Use number keys or functions keys F1-F9.

- 1) Enable debugging
- 2) Enable boot logging
- 3) Enable low-resolution video
- 4) Enable Safe Mode
- 5) Enable Safe Mode with Networking
- 6) Enable Safe Mode with Command Prompt
- 7) Disable driver signature enforcement
- 8) Disable early launch anti-malware protection
- 9) Disable automatic restart after failure

If the network is normal in this mode, then of course, the computer's software is causing the DNS error. Now you just need to find the software causing the error and uninstall it.

In addition to accessing Safe Mode to check if your computer has a network, if you have a USB BOOT available, you can also access Mini Windows to check easily.

But I suggest you the NHV BOOT version, you can create a professional rescue USB BOOT to use when needed.

## **#7. Restart Modem or Router**

If all devices connected to the Modem are having the above error, the cause is a problem with your modem or network provider.

First, go behind the Modem, find the Restart button to restart. Otherwise, you can unplug the power cord for about 10 seconds and then plug it back in. Then check again!

## **#8. Reset the Modem or Router you are connecting to**

If the above methods do not work, you can try Reset Modem. This method is a bit advanced, you must have a little technical knowledge to be able to do it.

However, I say first, now the Modem configuration is quite different, because many new modem lines, the interface is quite different.

So, if you are not knowledgeable, you should immediately jump to step #9 below.

## #9. Contact customer service provider

This is the last way if all the above methods do not work or are not thorough. You should contact the customer service of the service provider so that they can fully use this error for you.

The network operator will be responsible for fixing the transmission error for you, you pay the monthly network fee, so you can get this benefit. But of course that is in case you are the one who signed up for the Internet service.

## #ten. A few other small tips to identify and fix this DNS Server error

Try using a different web browser .

If your computer is using a Wi-Fi network to connect, now try switching to a wired network to see if it works, or vice versa, if you are using a wired network, try switching to Wi-Fi.

If you are using a dynamic IP address, now switch to a static IP address, or vice versa.

## #11. Conclude

Above are all the ways and steps to fix The DNS Server error isn't responding during computer use.

Have you ever encountered an error like this? And if you did, how did you fix it? Please share your method so that I can learn more.

Good luck!

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