

How to change DNS on Windows 11, surf the web, watch movies faster

When you change DNS on Windows 11, you have the ability to customize DNS services according to your preferences and needs. This helps you optimize access speed and maximize network performance, making it easier to access Facebook or blocked websites without needing to install any other software.

DNS is a very important aspect when it comes to Internet connectivity and access. Although most users rely on the default DNS server provided by their ISP, it may not always be the best choice. Because a slow DNS server can negatively affect your Internet connection, or worse, cause you to be disconnected, it's important to use a fast and reliable DNS server to ensure a stable connection. In case you do not know clearly what DNS is and how to change DNS on Windows 11 or change other network connections, TipsMake will provide you with all the information you need to know right below.

Table of Contents:

- I. What is DNS and why do you need to change DNS?.**
- II. Instructions on how to change DNS on Windows 11.**
 - 1. Change DNS via Settings on Windows 11.**
 - 2. Change DNS from Control Panel on Windows 11.**

I - What is DNS and why do you need to change DNS?

DNS stands for Domain Name System, which maps domain names to IP addresses, allowing you to use a name for a website such as "google.com" while all other The connected computer uses the IP address to locate the website you want to visit using a web browser.

This function of DNS is enabled through DNS servers, which are machines that specialize in answering DNS queries. Simply put, you can think of DNS as the Internet's phonebook, helping users remember names instead of complicated numbers to access a website on the Internet.

Usually, the default DNS server provided by the ISP will do its job well. However, if you encounter errors like **DNS server not responding** or the message **DNS server could not be found** when trying to connect to the Internet, it's time to switch to a better DNS provider.

There are many free, reliable, secure, and publicly available DNS servers provided by several tech giants to help users browse the web safely and securely. Some DNS servers also offer parental controls for parents to filter out inappropriate content on devices their children may be using.

Below are some reliable DNS servers:

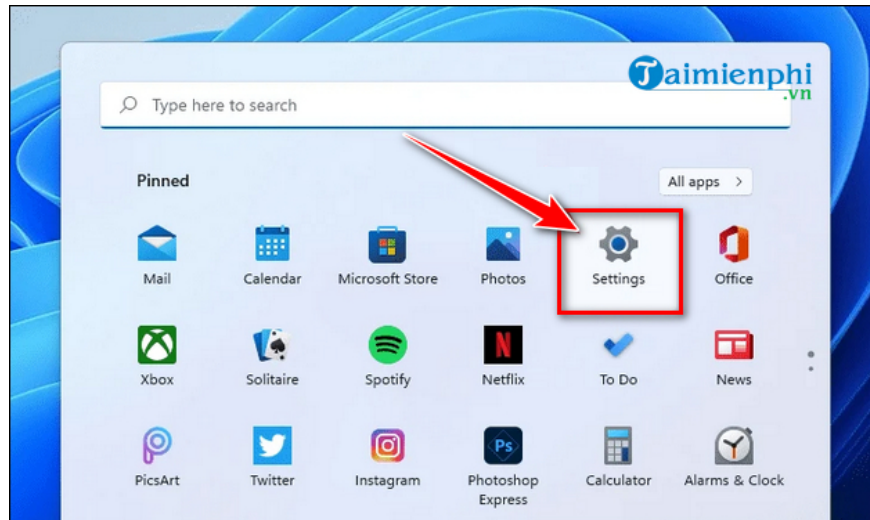
- Cloudflare: 1.1.1.1 and 1.0.0.1
- Google: 8.8.8.8 and 8.8.4.4

- OpenDNS: 208.67.222.222 and 208.67.220.220

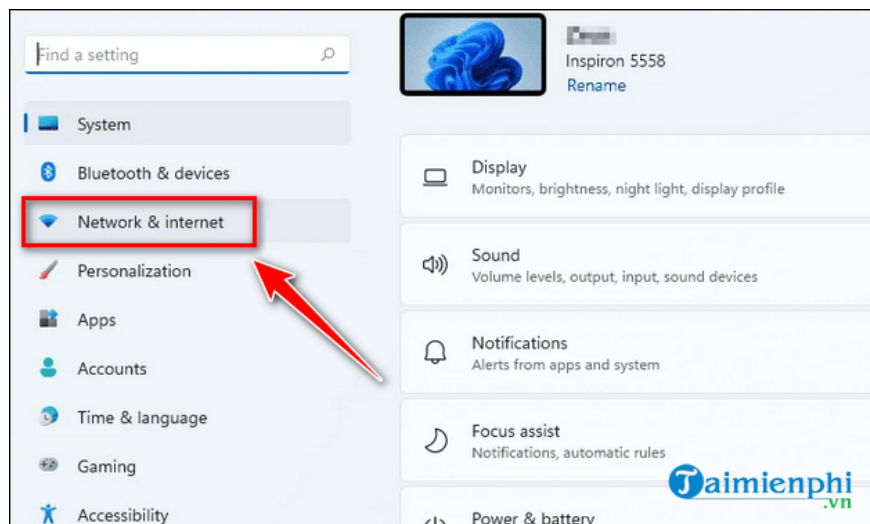
II - How to change DNS on Windows 11

1. Change DNS on Windows 11 through Settings

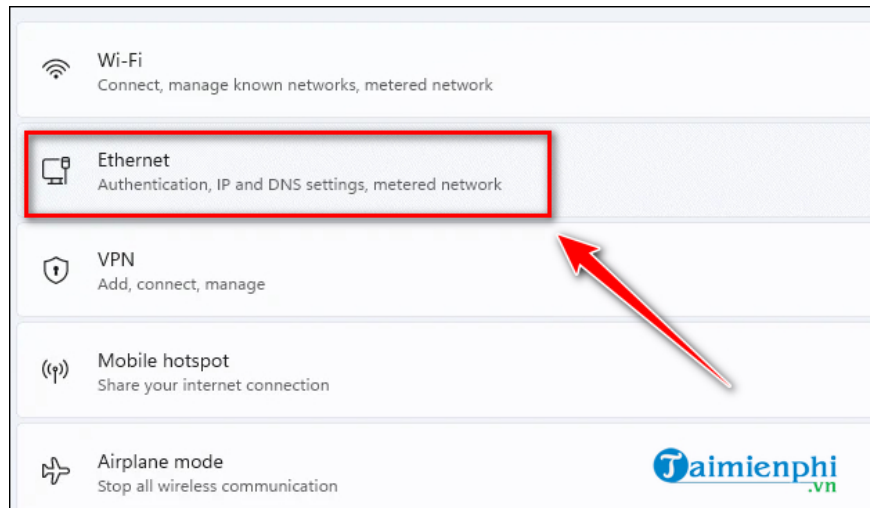
Step 1: Click on **the Windows icon** on the Taskbar and select **Settings** or press the keyboard shortcut **Windows + I** to open the settings application.



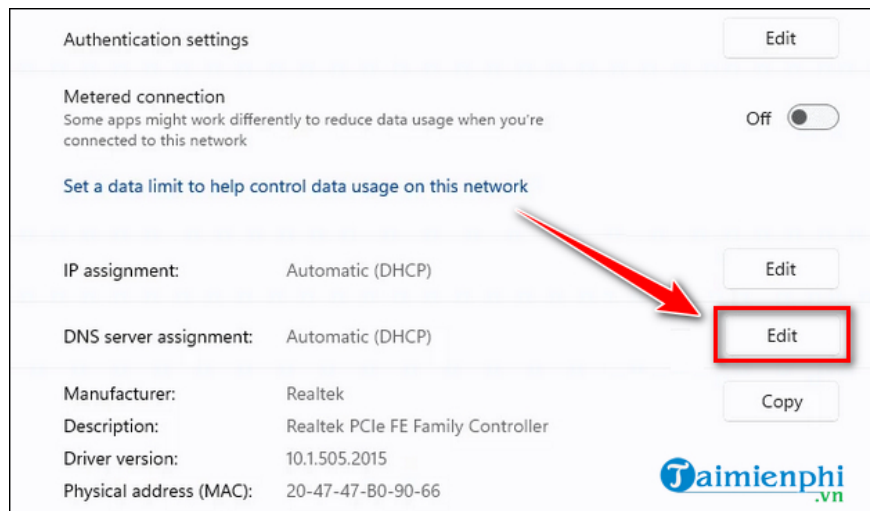
Step 2 : In the **Settings** window , click **Network & Internet** in the left panel.



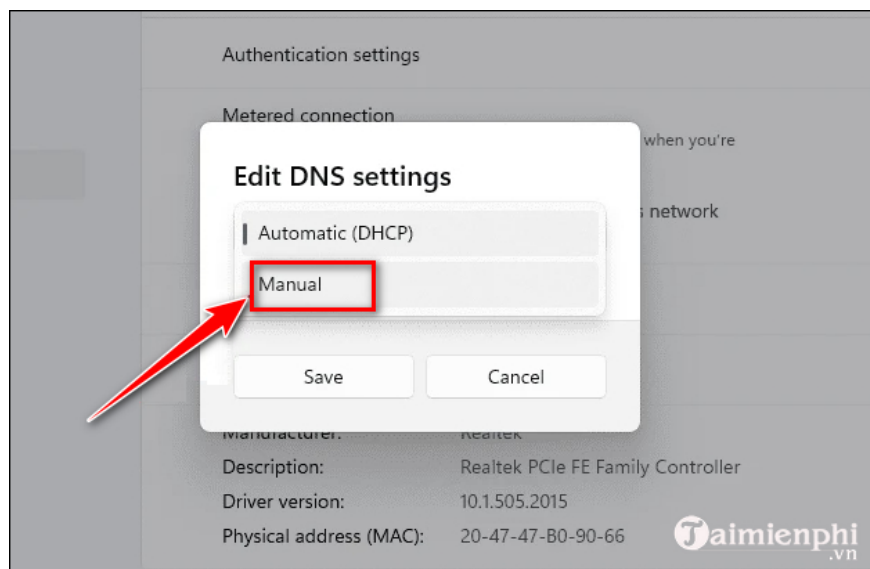
Step 3: Then, click on the **Ethernet** option on the right panel.



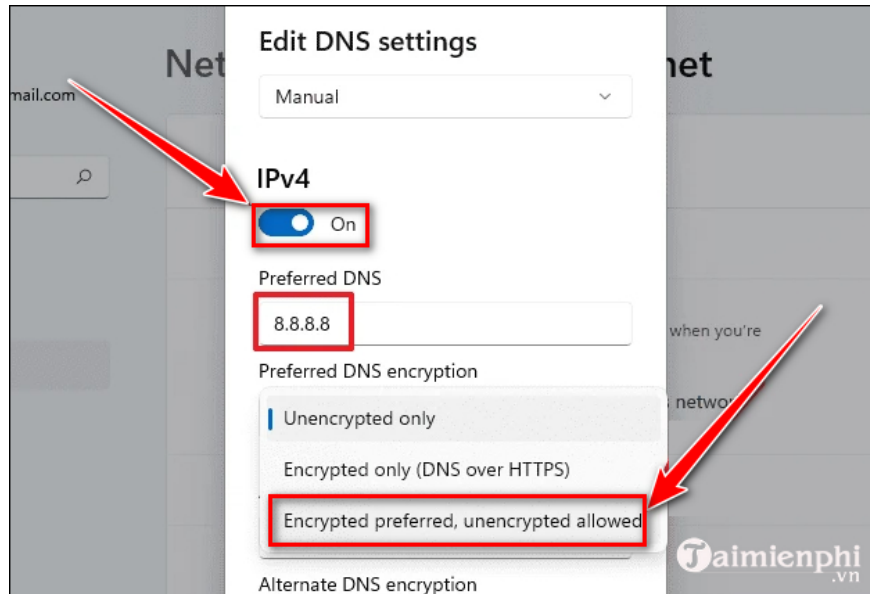
Step 4: Locate the **DNS server assignment** field and click the **Edit** button next to it.



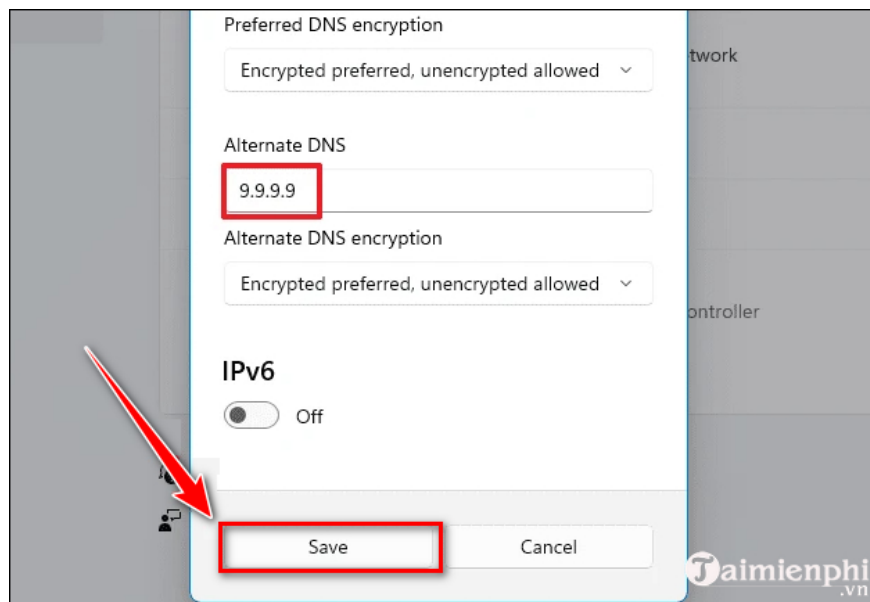
Step 5: In the **Edit DNS settings** dialog box, click on the drop-down menu and select **Manual**.



Step 6: Next, turn on **IPv4** by moving the switch below to the right. Then, enter the new DNS address in the **Preferred DNS** field . Now, click on the drop-down menu under **Preferred DNS encryption** and select **Encrypted preferred, unencrypted allowed**.



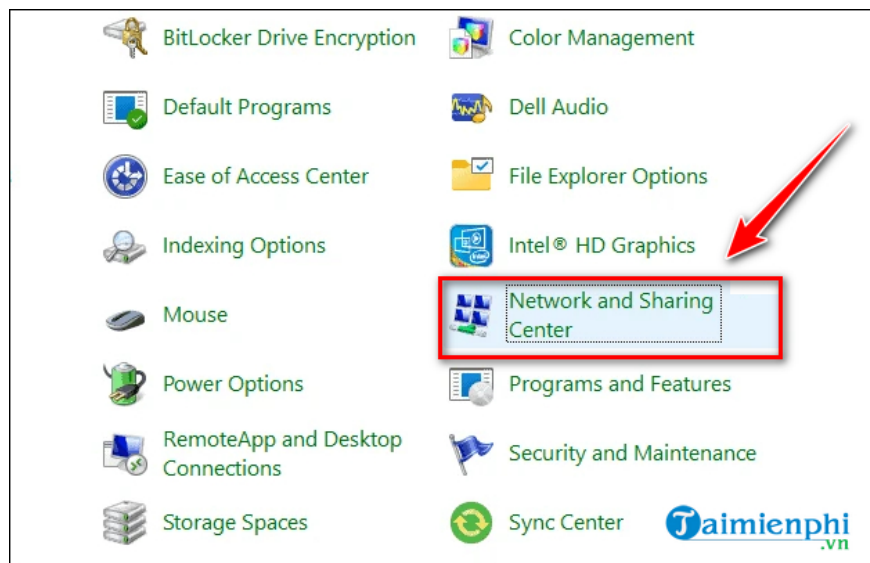
Step 7: You can also choose an alternate DNS address in case the primary address has problems. To do so, enter the alternate address in the **Alternate DNS** field . Once you have everything set to your liking, click the **Save** button to save your changes and close the window.



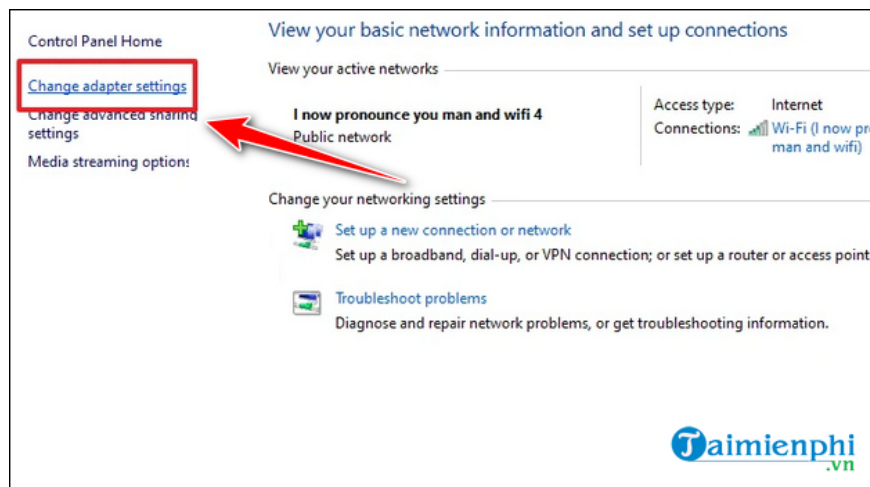
2. Change DNS on Windows 11 from Control Panel

Step 1: Enter the keyword **Control Panel** into Windows Search and click on the corresponding search result.

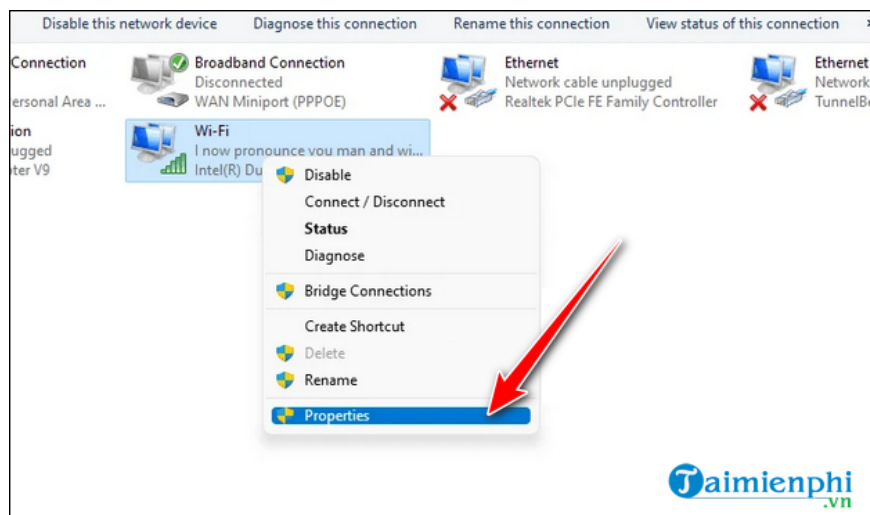
Step 2: In the **Control Panel** window , click **Network and Sharing Center**.



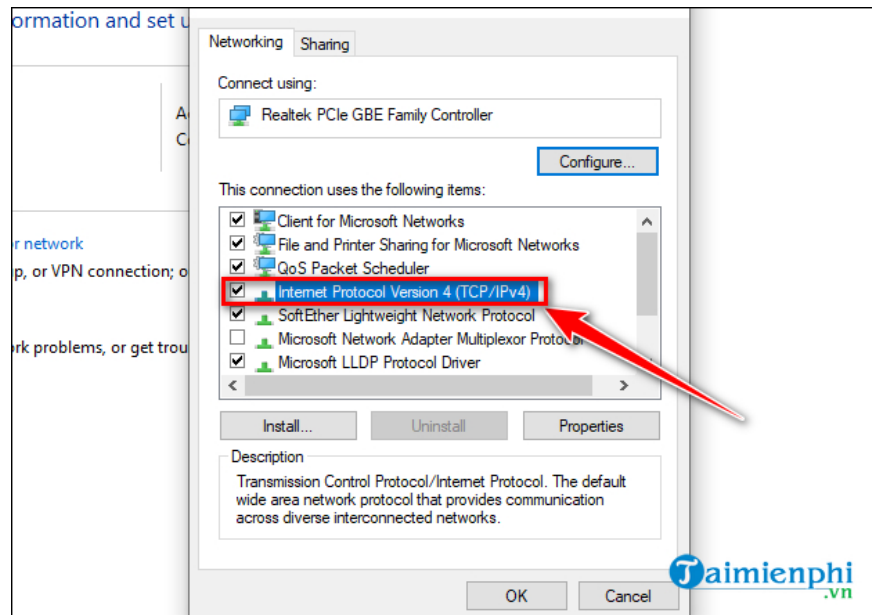
Step 3: Select **Change adapter settings** in the left panel.



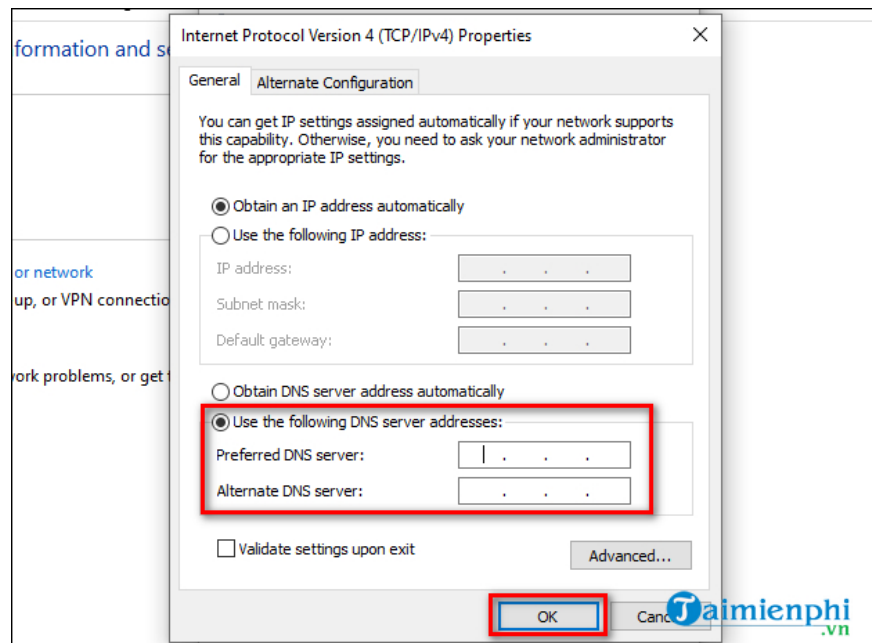
Step 4: Right-click on the desired network connection and select **Properties** from the context menu.



Step 5: From the Properties window , find and double-click the Internet Protocol Version 4 (TCP/IP4) option .



Step 6: In the Internet Protocol Version 4 (TCP/IP) Properties window , click on the Use the following DNS server addresses option . Then, enter the desired DNS address in the Preferred DNS Server and Alternate DNS Server fields below. Finally, click OK to save changes.



So, the article has shared with you some information you need to know about DNS, a few reliable DNS servers and how to change DNS on Windows 11. Just do one of the two ways shared in the article: You have changed to a DNS server with better speed and more reliability. In addition, you can also set a static IP on Windows 11 to share files on the LAN more easily.

Besides, you can also change the screen lock timeout on Win 11 to adjust it to suit you best.

You finished reading the article "**How to change DNS on Windows 11, surf the web, watch movies faster**" 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.
