

What is DNS 8.8.8.8? How to change DNS 8.8.8.8 on Windows, MacOS and Android

DNS 8.8.8.8 is a free DNS server service provided by Google

DNS 8.8.8.8 is a concept that many Internet users often wonder about when looking for ways to improve the speed and security of their network connection. To better understand DNS 8.8.8.8, let's *delve* into the concept of DNS and its role in accessing the Internet.

What is DNS 8.8.8.8?

DNS 8.8.8.8 is a free DNS server service provided by Google, launched in 2009. It is part of Google Public DNS, allowing users to replace the default DNS server of their Internet service provider (ISP) to improve access speed and security when browsing the web.



DNS 8.8 What is 8.8?

Using DNS 8.8.8.8 can bring many benefits such as faster access speeds, better security, and less blocking or restriction of access to certain online content. DNS 8.8.8.8 is also very fault tolerant, which means that even if a server crashes, users can continue to access the Internet without major disruption.

History of DNS Development 8.8.8.8

In 2009, Google first introduced its public DNS service with the IP address 8.8.8.8. From the beginning, their main goal was to improve the speed and security of Internet users. Since its launch, DNS 8.8.8.8 has undergone

many stages of development and improvement. Google has continuously expanded its network of servers and optimized the performance of the service.

Currently, DNS 8.8 8.8 has become one of the most popular DNS services in the world, used by millions of users. With Google's vision and long-term development strategy, it can be predicted that DNS 8.8 8.8 will continue to develop and improve in the future, bringing more utilities to users.

Advantages of DNS 8.8 8.8

DNS 8.8 8.8 brings many benefits to internet users, including:

Improve access speed

Thanks to its powerful server infrastructure and smart distribution technology, DNS 8.8 8.8 can shorten website loading time, giving users a smoother browsing experience.

Higher security

In addition to improving speed, DNS 8.8 8.8 also integrates many useful security features. Helps block malicious websites and protect users from attacks.

Minimize blocking

Some ISPs may block access to certain websites or slow down the loading speed of certain services. Switching to DNS 8.8 8.8 gives you the freedom to access the information you want.

Instructions to change DNS 8.8.8.8 on Windows

Here are detailed instructions to change DNS 8.8 8.8 on popular Windows versions.

How to change DNS 8.8.8.8 on Windows 10

On Windows 10, the process of changing DNS is quite simple and quick. Just follow the steps below:

Step 1: Open Control Panel. Click the Start button, then find and select Control Panel.

Step 2: In Control Panel, select Network and Internet, then click Network and Sharing Center.

Step 3: Click on the name of the network you are connected to (it can be Wi-Fi or Ethernet).

Step 4: In the new window that appears, click the Properties button.

Step 5: Find and double-click Internet Protocol Version 4 (TCP/IPv4).

Step 6: In the Internet Protocol Version 4 (TCP/IPv4) Properties window, select the Use the following DNS server addresses box.

Enter the DNS addresses as follows:

1. Preferred DNS server: 8.8.8.8
2. Alternate DNS server: 8.8.4.4

Step 7: Click OK to save the changes and close all windows.

How to change DNS 8.8.8.8 on Windows 11

Step 1: Open Settings by pressing Windows + I key combination. Then, select "Network & Internet".

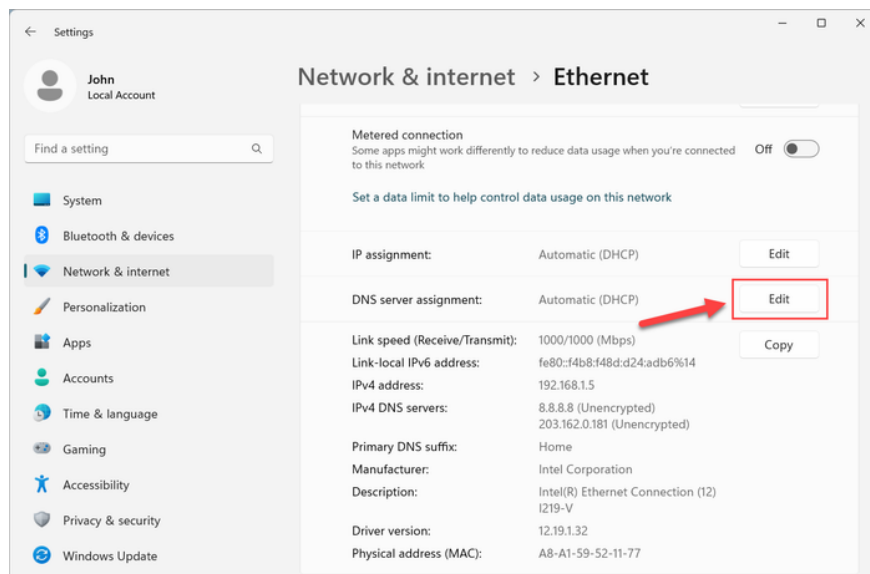
Step 2: Select the type of connection you are using (Wi-Fi or Ethernet), then click on "Hardware properties".

Step 3: Click View Additional Properties.

Step 4: From the drop-down menu, select Manual, then enable the option for IPv4

Step 5: Enter DNS address 8.8.8.8 in the Preferred box and 8.8.4.4 in the Alternate box

Step 6: Once done, click Save to save the changes.



How to change DNS 8.8.8.8 on Windows 11

Instructions to change DNS 8.8.8.8 on MacOS

Changing DNS on MacOS is also very simple. Just follow these steps:

Step 1: Access System Preferences

Click the Apple icon in the upper left corner of the screen and select System Preferences.

Step 2: Select the network connection you are using

In the list on the left, select the network connection you are using (such as Wi-Fi or Ethernet). Once selected, click the "Advanced" button.

Step 3: Change DNS Server

In the "DNS" tab, you will see a list of current DNS servers. Click the + button to add a new DNS server address. Enter 8.8.8.8 in the first box and 8.8.4.4 in the second.

Once done, press "OK" and then press "Apply" to save the changes.

Instructions on how to change DNS on Android

Here are detailed instructions for changing DNS on Android devices:

Step 1: Go to settings

Open the "Settings" app on your Android phone. Find and select "Connections" or "Network & Internet."

Step 2: Select Wi-Fi

Under Connections, select "Wi-Fi" and find your Wi-Fi network. Tap and hold the network name until the menu appears, select "Manage networks".

Step 3: Change DNS

"IP Settings" option. Select "Static" to be able to change the DNS address. Enter 8.8.8.8 in the DNS 1 box and 8.8.4.4 in the DNS 2 box.

Once done, save changes.

Conclude

So this article has provided you with an overview of what DNS 8.8 8.8 is, its development history and how to change DNS on popular operating systems today. Using DNS 8.8 8.8 not only helps improve access speed but also enhances security for users.

You finished reading the article "**What is DNS 8.8.8.8? How to change DNS 8.8 8.8 on Windows, MacOS and Android**" 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.