

How to change DNS to see if Cloudflare really speeds up the network

It doesn't take too long to check if Cloudflare's new DNS makes any big changes, so if you are curious, you can try it.

Just a few days ago, Cloudflare launched its own DNS service 1.1.1.1 promises security and faster network connection speed instead of ISP's default DNS. Differences in speed may not be too big for you to change completely (in milliseconds only). But it does not take much time to check how DNS is, so if you are curious, you can try to find out.

Domain Name System (DNS) is a system to change domain names to IP addresses. The easiest way is to change the router settings, thereby automatically changing all devices joining the WiFi network to the new DNS.

The DNS is popular beside ISP's default DNS.

Google Public DNS

Main 8.8.8.8
Sub-section 8.8.4.4

OpenDNS

Main 208.67.222.222
Sub-208.67.220.220

Cloudflare

Main 1.1.1.1
Sub-1.0.0.1

Change DNS for all devices connected to the router (the best way)

Linksys

Log in to Linksys admin page, 192.168.1.1. Click **Setup** on the Menu and select **Basic Setup**, enter the new DNS information in the 2 Status DNS fields 1 and 2. Save and do not need to reset the router.

Netgear

When connecting to WiFi, log in to *http://www.routerlogin.com* or *http://www.routerlogin.net* in your browser. Log in and select **Internet > Use these DNS Servers** and enter the primary and secondary DNS addresses. Then click Apply.

D-Link

Open the router administration page at 192.168.1.1 or 192.168.0.1. Log in and select **Manual Internet Connection Setup**. Enter new DNS into 2 main and secondary schools.

Google WiFi

Open the Google WiFi application, go to the settings page and select **Networking & General**. Select **Advanced > DNS > Custom** and enter the new DNS address.

Eero

From the Network Settings page, select **Advanced > DNS > Custom DNS** and enter the primary and secondary DNS addresses.

Change DNS for each device

Windows

Open **Control Panel > Network and Internet > Network and Sharing Center > Change Adapter Settings**. Then right-click on the WiFi network you are using, select **Properties**. Select **Internet Protocol Version 4 (TCP / IPv4)** and select **Properties**.

Click **Using The Following DNS Server** and replace it with the new DNS. Click **OK > Close**.

Android

Android needs a static IP address to change the DNS address, which means a few more steps. Go to settings and then select WiFi. Touch and hold on the current WiFi network and select **Modify Network**. Depending on the device, you may have to select the **Advanced** item . Then enter the new DNS address.

iOS

Go to the settings and touch the i next to the network you want to change. Choose **Configure DNS** and remember to set it to manual rather than automatic. Then delete the entries below the DNS services and select **Add Server** to enter the new DNS.

macOS

Open **System Preferences**, instead of having to click through multiple menus, the fastest is to find DNS Serves in the upper corner. Once opened, click the + sign icon to add DNS.

See more:

1. What is Cloudflare and does it leak your data online?
2. Compare Internet speed of DNS 1.1.1.1 with other popular DNS

3. Cloudflare's new DNS 1.1.1.1 service, more secure, faster web surfing

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