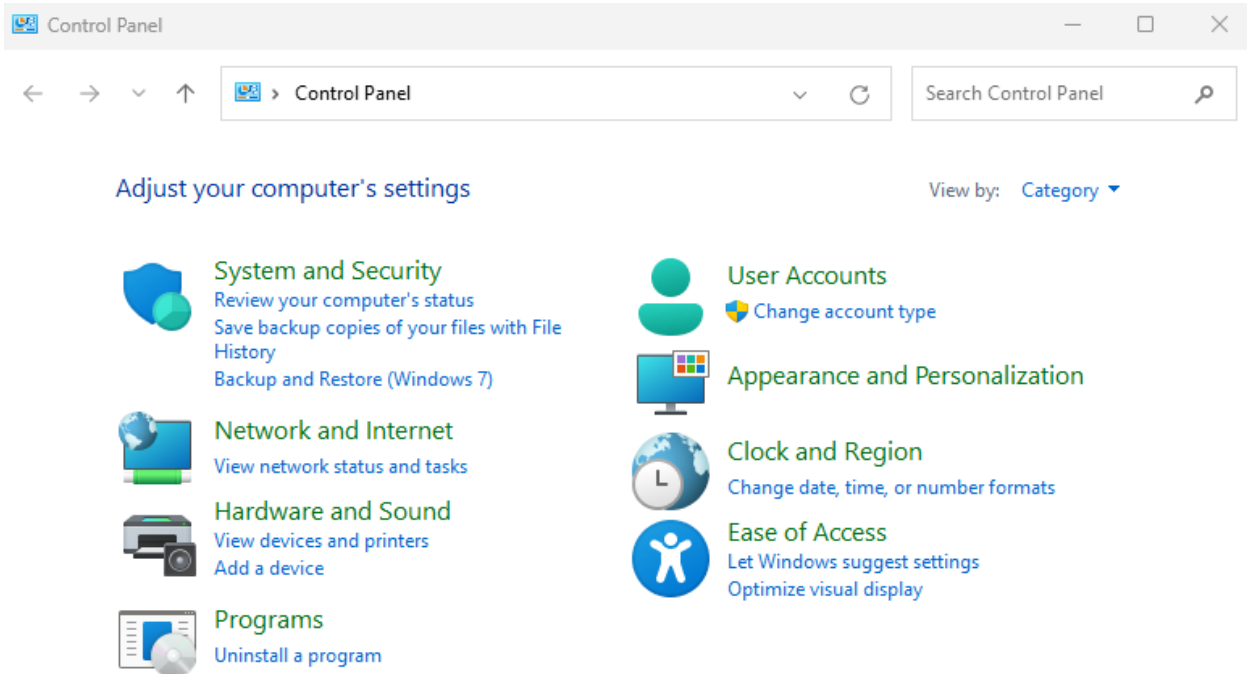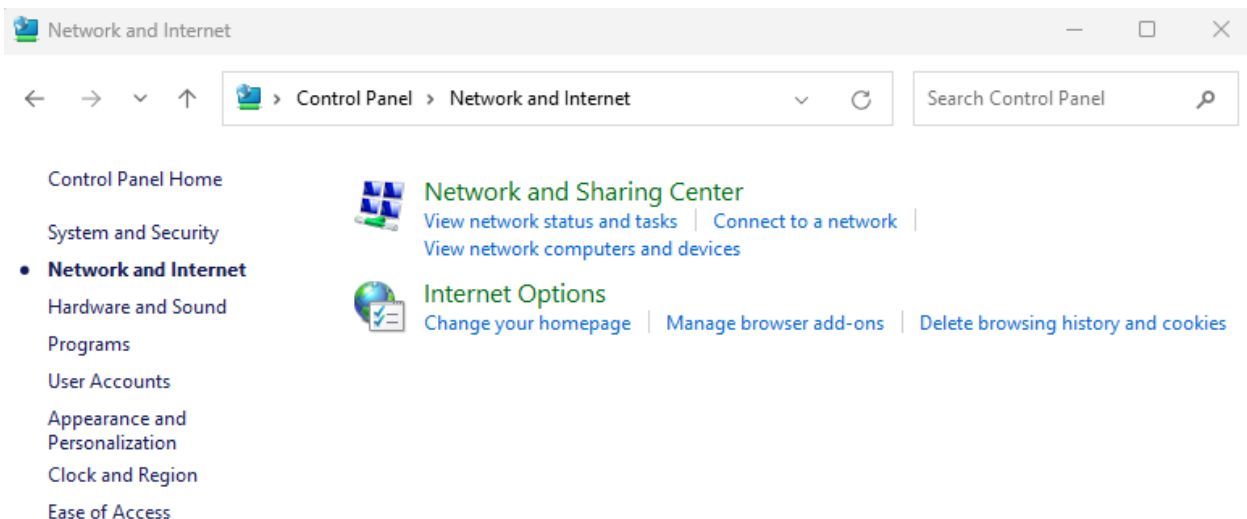# How to change DNS settings (Windows 11)

Here is simple, straightforward steps on how to change Domain Name Settings (DNS) with the intention to improve DNS performance.

1. Proceed to open **Control Panel**. Click on **Network and Internet**.
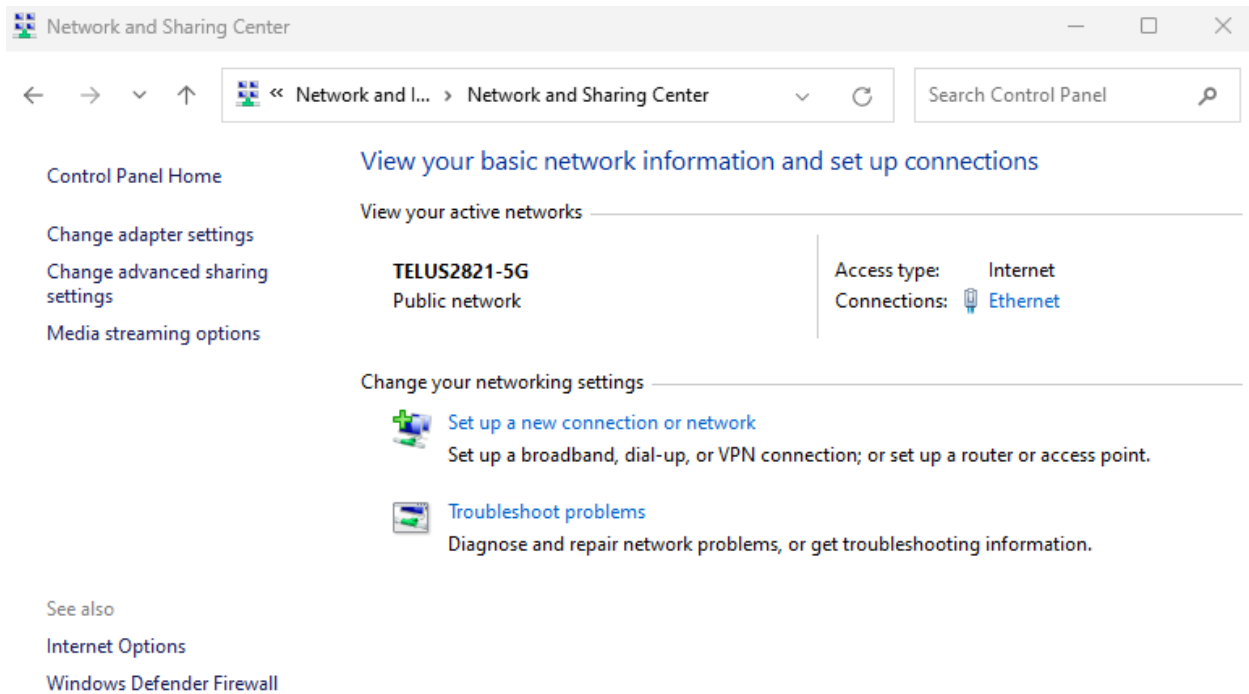

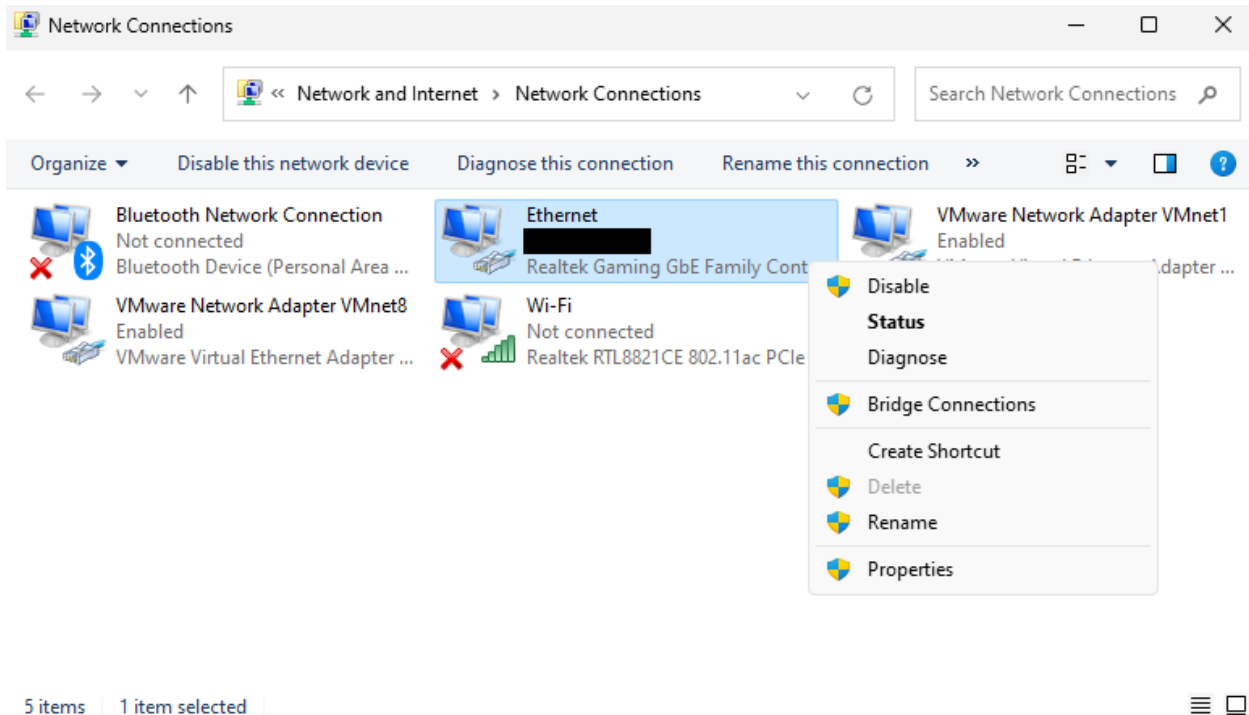2. Within Network and Internet, select **Network and Sharing Center**.

How to change DNS settings (Windows 11)

3. Within the Network and Sharing Centre, click on **Change adapter settings**.

4. Right-click on Ethernet (or Wi-Fi) network connection and select **Properties**.

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5. Here, consider switching to a faster DNS provider. Below are the IPv4 and IPv6 DNS addresses for Google, Cloudflare and OpenDNS which can be inserted in preferred DNS server and alternative DNS server fields.

Google DNS Servers

For IPv4:   **For IPv6:**

8.8.8.8 and 8.8.4.4   2001:4860:4860::8888 and 2001:4860:4860::8844

Cloudflare DNS

For IPv4:   **For IPv6:**

1.1.1.1 and 1.0.0.1   2606:4700:4700::1111 and 2606:4700:4700::1001
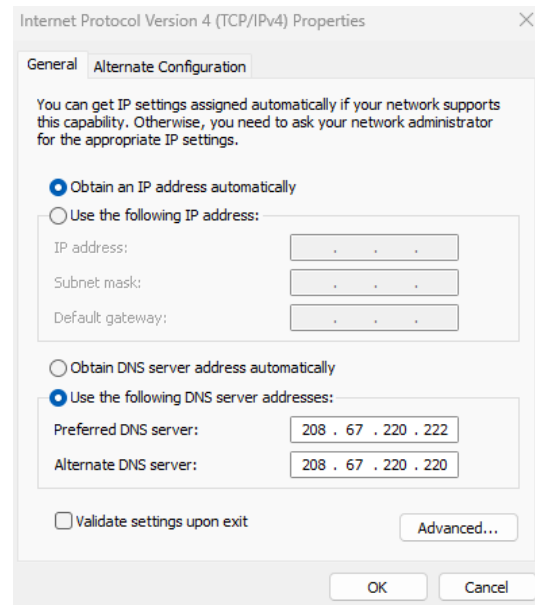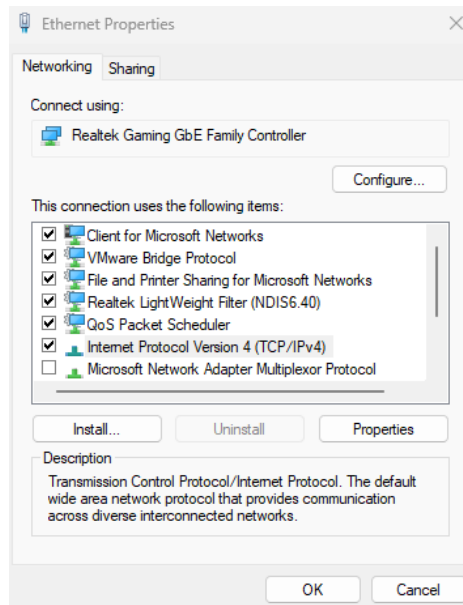
OpenDNS

For IPv4:   **For IPv6:**

208.67.222.222 and 208.67.220.220   2620:119:35::35 and 2620:119:53::53

For **Internet Protocol Version 4 (TCP/IPv4)**, select Properties. Proceed to enter Preferred DNS and Alternative DNS server. Click **OK** when ready.

The next step will be reflected in IPv6!!
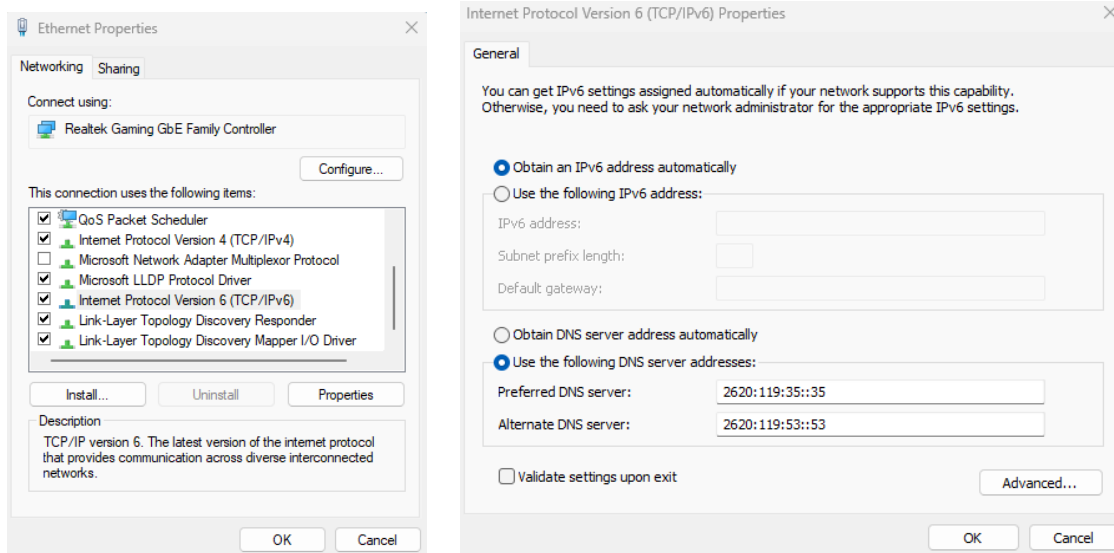
How to change DNS settings (Windows 11)

For **Internet Protocol Version 6 (TCP/IPv4)**, select Properties. Proceed to enter Preferred DNS and Alternative DNS server. Click **OK** when ready.

6. Proceed to flush DNS cache within the **Command Prompt** by typing in 'ipconfig /flushdns'.

7. A Winsock reset is an optional troubleshooting step used to resolve network-related issues on Windows operating systems. Resetting Winsock can help fix underlying network-related issues.

   Winsock Reset (Run as administrator in **Command Prompt**)
   1. Type **netsh winsock reset** and select **Enter**.
   2. Type **netsh int ip reset** and select **Enter**.
   3. Type **ipconfig /release** and select **Enter**.
   4. Type **ipconfig /renew** and select **Enter**.
   5. Type **ipconfig /flushdns** and select **Enter**.
   6. Type **ipconfig /registerdns** and select **Enter**.