

MANUALLY ENABLING IPV6 ON WINDOWS 11

Important Note: In some Windows 11 installations, the automatic discovery and configuration of IPv6 may encounter issues, leading to connectivity problems. This guide provides steps for manually enabling and configuring IPv6 to ensure it functions correctly.

STEP 1: OPEN NETWORK CONNECTIONS

The quickest way to access network adapter settings is by using the Run command:

- Press the **Windows Key + R** on your keyboard to open the Run dialog box.
- Type `ncpa.cpl` into the field.
- Click **OK** or press Enter. This will open the Network Connections window.

STEP 2: ACCESS ADAPTER PROPERTIES

Once the Network Connections window is open, you need to find your active network adapter:

- Locate the network adapter you are currently using (e.g., 'Ethernet' for a wired connection, or 'Wi-Fi' for a wireless connection).
- **Right-click** on the active adapter.
- Select **Properties** from the context menu.

STEP 3: ENABLE IPV6 PROTOCOL

In the adapter's Properties window, you can enable IPv6:

- Scroll down the list of items under 'This connection uses the following items:'.
- Find **Internet Protocol Version 6 (TCP/IPv6)**.
- **Check the box** next to it to enable the protocol.
- If you have specific manual IPv6 address configurations (like static IPs or DNS servers), you can click on 'Internet Protocol Version 6 (TCP/IPv6)' and then click the **Properties** button. For most users, enabling the protocol and letting it obtain addresses automatically is sufficient if your network supports DHCPv6.

- Click **OK** at the bottom of the Properties window to save your changes.

STEP 4: VERIFY IPV6 CONNECTIVITY

After enabling IPv6, it's good practice to verify that it is working:

- Open **Command Prompt** or **PowerShell** as an administrator.
- Type the following command and press Enter: `ping ipv6.google.com`
- If IPv6 is configured correctly and your network provides IPv6 access, you should see replies from the IPv6 address of Google's servers.

By following these steps, you can manually ensure IPv6 is enabled and functioning on your Windows 11 system.

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