

# 8 simple ways to fix network connection problems

If you're struggling with network connection issues, such as no network connection or having a network icon but being unable to access the internet, ... , please continue reading this article from TipsMake to learn 8 simple ways to fix network connection problems.

In some situations, if you urgently need to access the internet to download or search for important data, but a network error prevents you from accessing the internet, it can be frustrating and annoying. This article from TipsMake will guide you through 8 simple ways to fix network connection problems.

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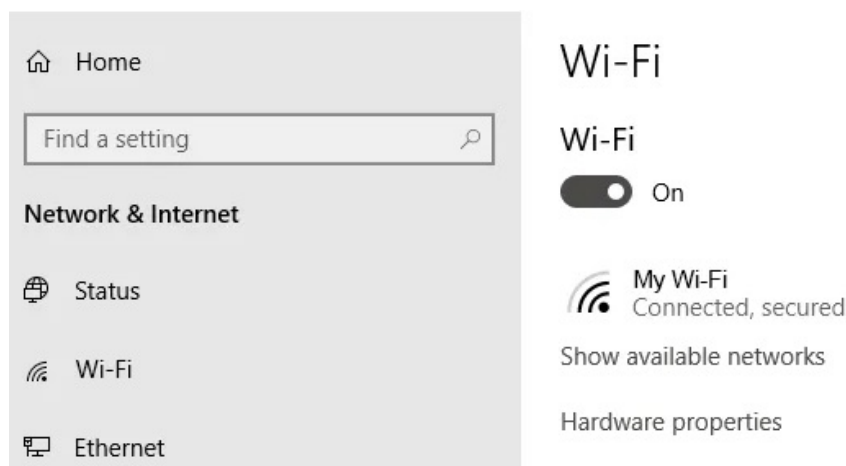
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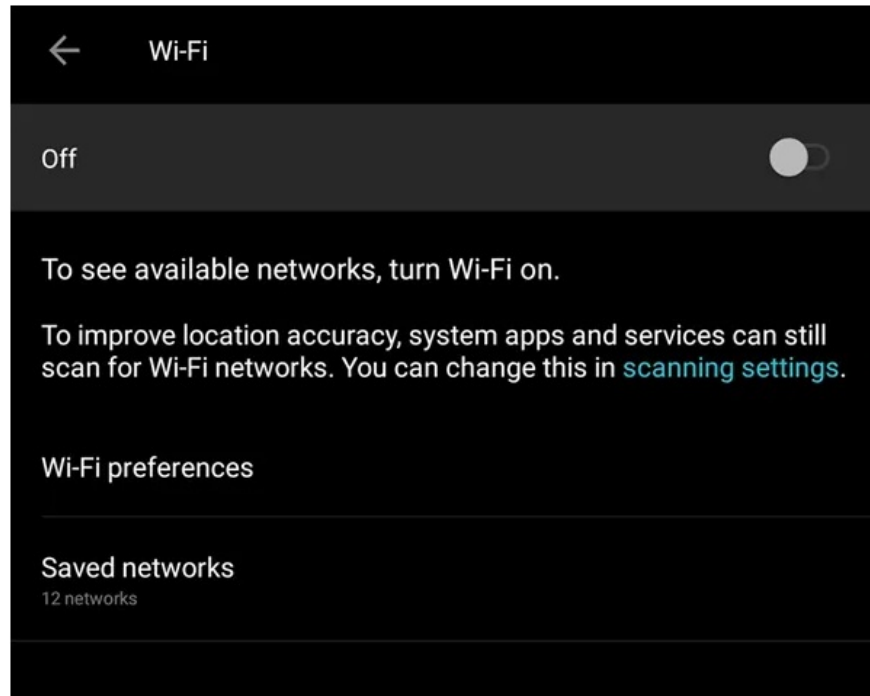
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## *Method 1: Check your Wi-Fi settings.*

To troubleshoot network connection issues, first check your Wi-Fi settings by going to **Settings => Network & Internet => Wi- Fi** and turning Wi-Fi on.



On your phone and tablet, make sure Wi-Fi is turned on to connect to the network.



Additionally, you should also check if Airplane Mode is turned on or off.

***Method 2: Check your network access point.***

Check the WAN (wide area network) and LAN (local area network) connections. In layman's terms, these are the Ethernet cables connected between the router and the computer devices.



If you suspect the network cable is the culprit causing the network connection error or problem, try replacing the cable and checking if the error or problem persists.

***Method 3: Place the router near the device using the internet.***

You may not know this, but walls and other furniture, microwaves, etc., can be culprits, obstructing network signals and causing connection problems. The solution is to move the router to a different location in the center of the house or near the devices you need to use to achieve the best signal strength.

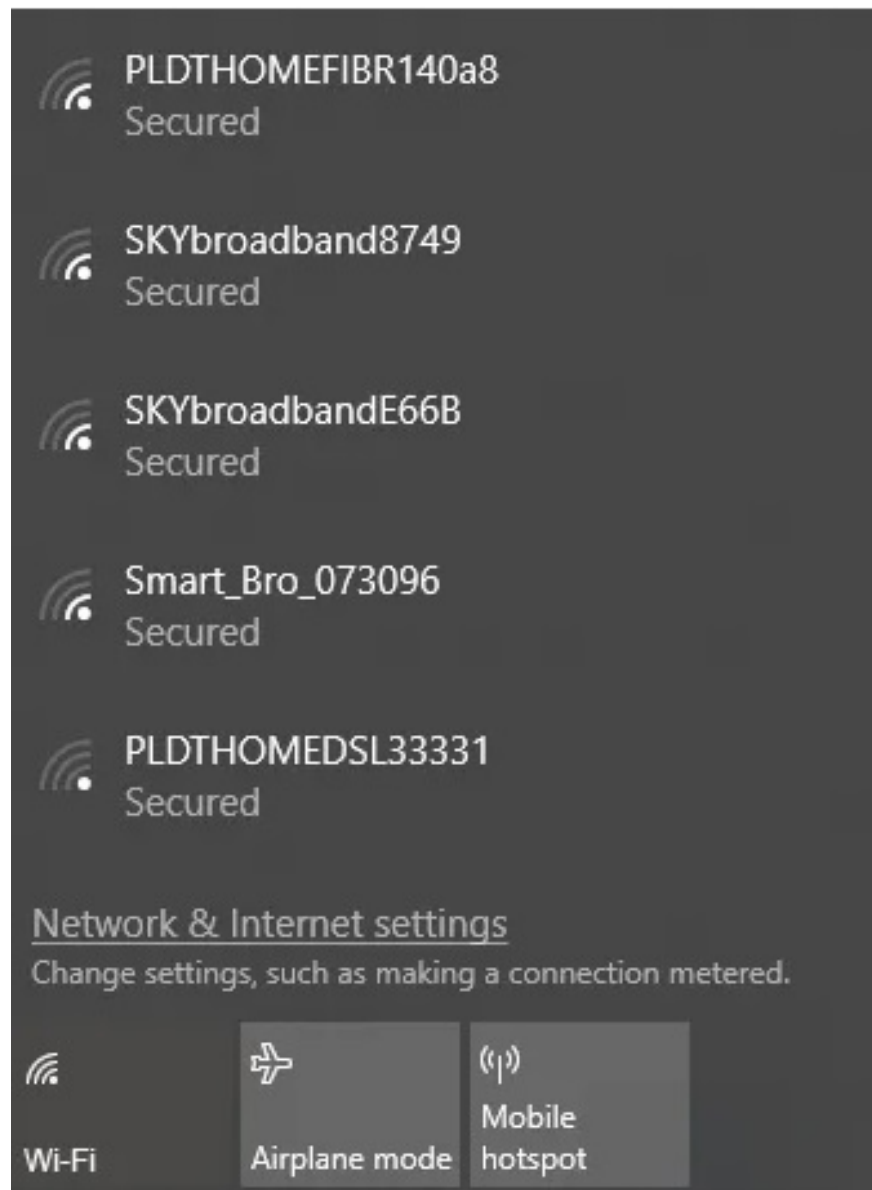
***Method 4: Restart the Router***

Sometimes, restarting the router can help resolve network connection issues.

If restarting the router doesn't fix the problem, you can consider resetting the router. However, this will restore the router to its factory settings, meaning you'll have to reconfigure everything, including the SSID and password.

#### ***Method 5: Check the Wifi name and password***

The next solution to troubleshoot network connection problems is to check the network name (also known as SSID) and password. If you previously could connect to the network automatically within the router's range, but now cannot, it's possible that the network connection has been changed.

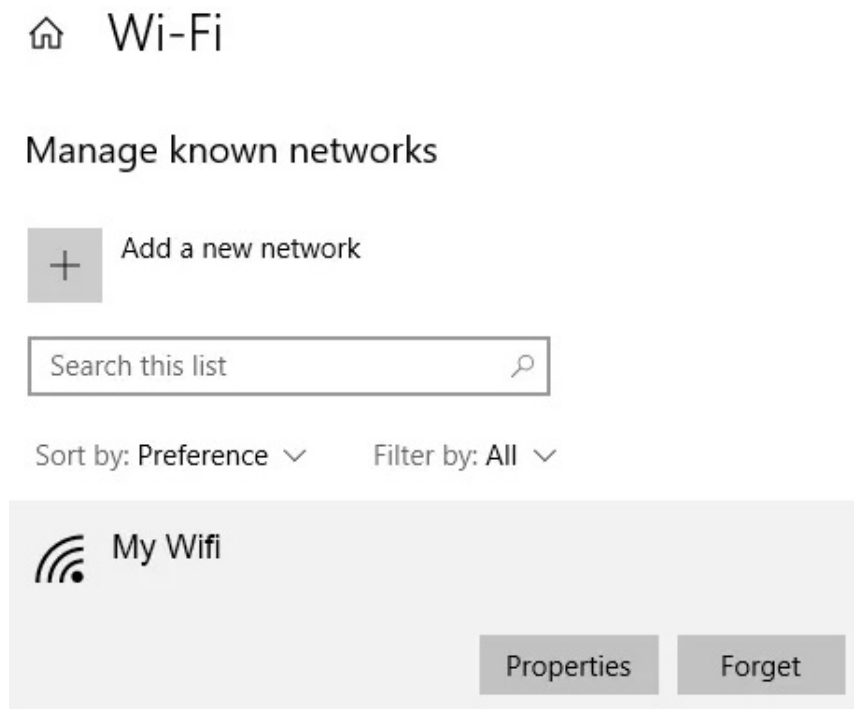


Simply put, this could be because the administrators updated the password or SSID to a different password. Refer to this link for instructions on how to **change your Wi-Fi password** .

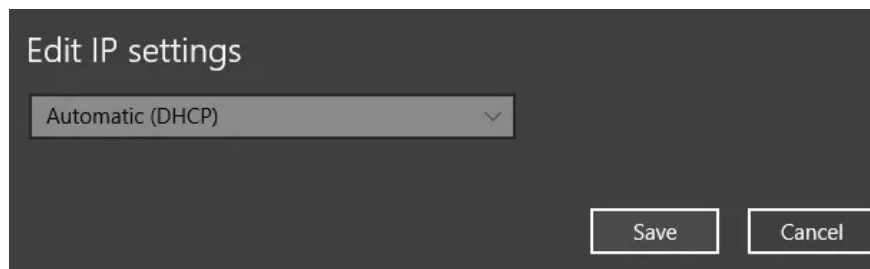
#### ***Method 6: Check DHCP settings***

DHCP settings on the router allow computers to automatically join the network. If DHCP is enabled, users will avoid the hassle of manually setting IP addresses and DNS servers.

To edit DHCP settings, go to **Windows Settings => Network & Internet => Wifi**. In the Wifi section, click **Manage Known Networks**, then select a network and click **Properties**.



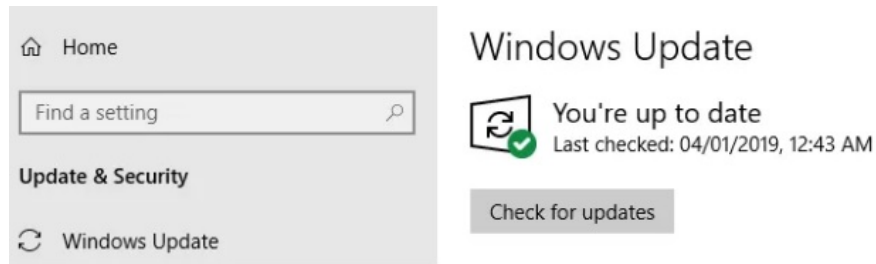
In the IP Settings section, click **Edit**. From the drop-down menu, select **Automatic (DHCP)**.



**Note:** If you select the Manual option, you will have to manually set the DNS server address and IP address.

#### ***Method 7: Updating Windows fixes network connection issues.***

Another possible cause of network connection problems could be an issue with your system. Microsoft will likely release a fix; try updating your Windows computer to the latest version and see if the network problem persists.

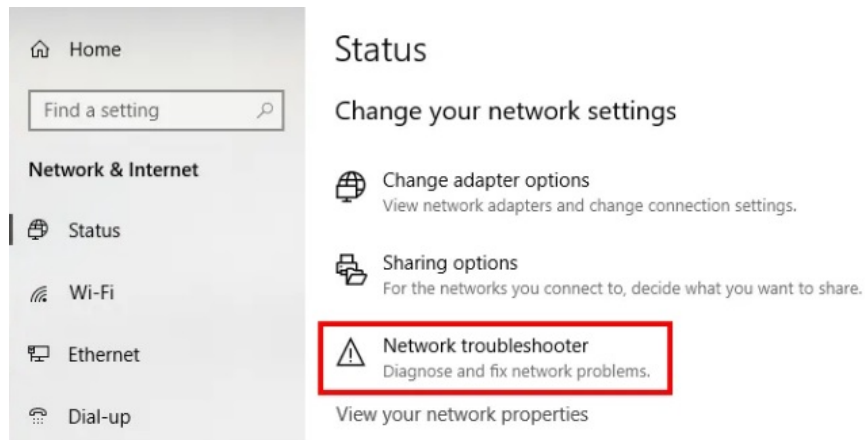


Go to **Windows Settings => Update & Security => Windows Update**. Click **Check for Updates** . If updates are available, Windows will download and install them.

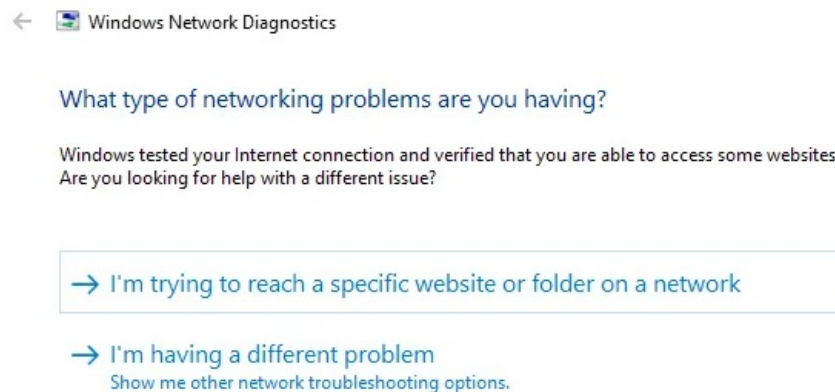
### Method 8: Using Windows Network Diagnostics

Windows includes a built-in tool called Windows Network Diagnostics, which allows users to troubleshoot network connection problems.

Access **Windows Settings => Network & Internet => Status** . In the **Change Your Network Settings** section , click **Network Troubleshooter** .



Windows Network Diagnostics will run and check the cause of your Wi-Fi problems and fix them.



The article above from TipsMake has just guided you through 8 simple ways to fix network connection

problems. Additionally, if you have any questions or need clarification, please leave your comments in the section below the article. You can also refer to how to fix **computer network connection** issues here.

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