

How to speed up internet on Windows 10

Are you frustrated after upgrading to Windows 10 and noticing a significant slowdown in your internet connection, with signs of bandwidth limitations restricting your internet usage? Below are some extremely useful ways to speed up your Windows 10 internet connection, which will noticeably improve your computer's performance.

If you've recently **installed Windows 10** or updated from an older version and notice a significant drop in internet speed compared to previous Windows versions, it's possible that Windows 10 has partially limited your network speed. Additionally, with the latest version of Windows 10, updates are enabled by default and don't allow users to completely disable them; they can only be turned off in the Policy settings, which can also contribute to slowdowns.



You may not know that Windows 10 secretly shares internet bandwidth among different users on each device. This is an innovative and convenient feature, but it's also a major resource drain for those who don't take advantage of it. Therefore, today, Taimienphi will share with you how to fix slow internet speeds and how to speed up your Windows 10 internet connection in the following article. Let's follow along.

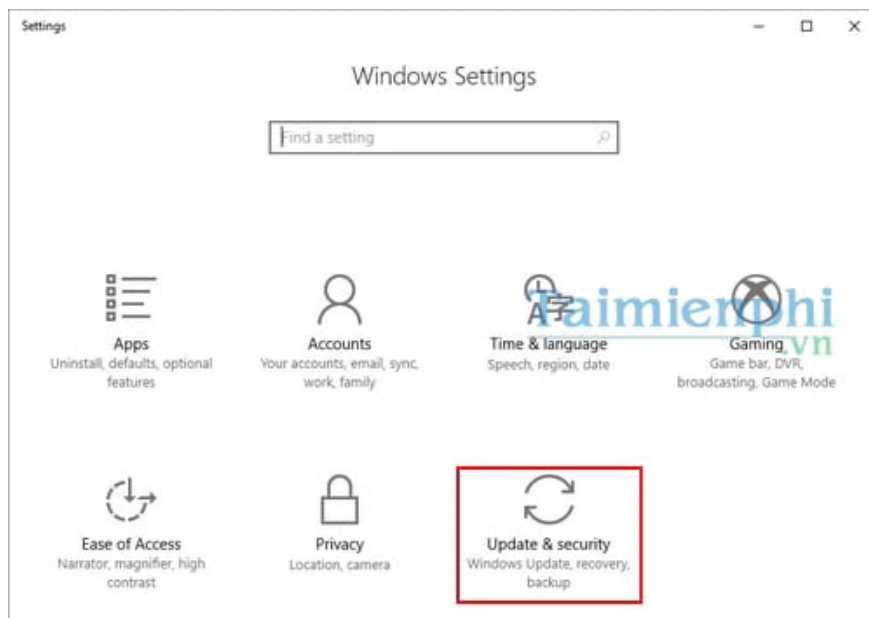
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1. Turn off Delivery Updates

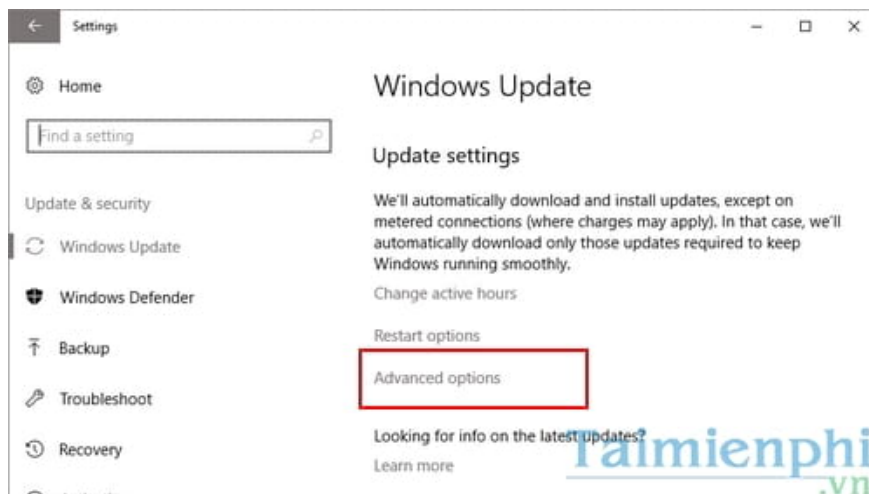
Step 1: To disable Updates Delivery, first go to **Windows Settings** by pressing the **Windows + I** key combination or clicking the Windows icon in the bottom left corner of the screen and selecting **Settings** (gear icon) as shown below.



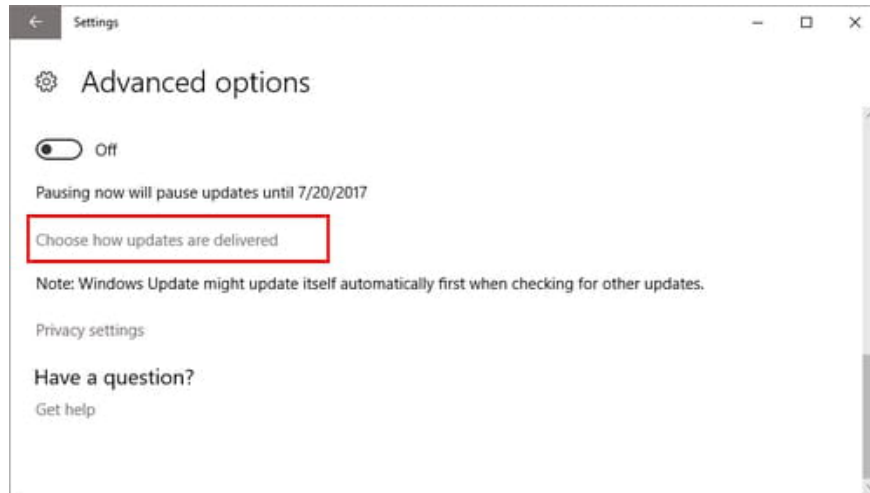
Step 2: The Windows Settings interface will appear; continue by clicking on **Update & Security** .



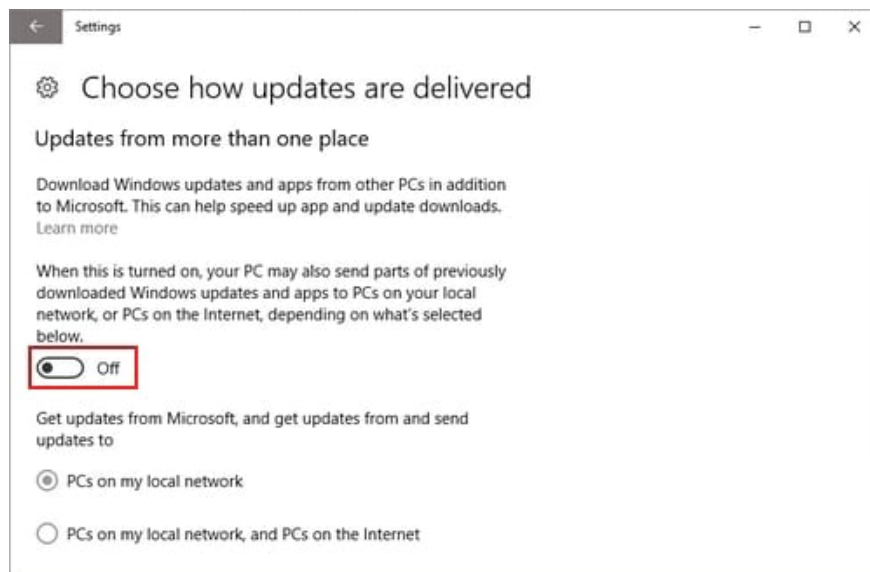
Step 3: Next, find the **Update Settings** section and click on the **Advanced Options** option .



Step 4: Scroll down and tap the " **Choose how updates are delivered**" option .



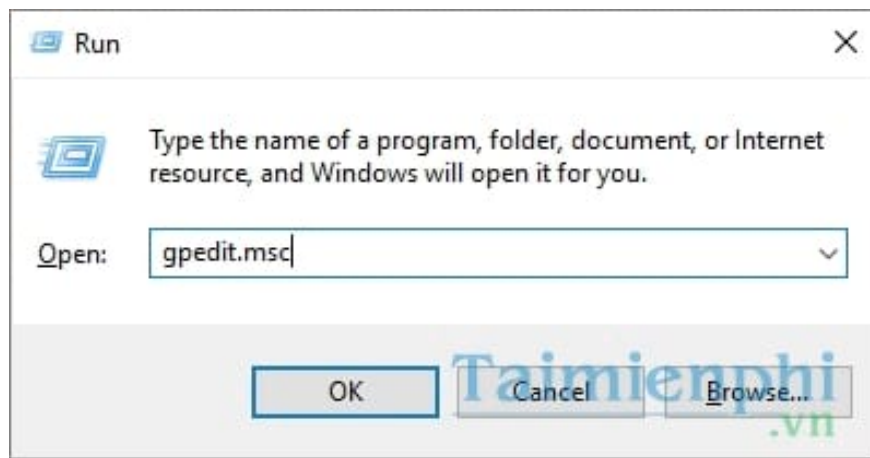
Step 5: Here, switch the toggle to the **Off** position in the "Updates from more than one place" section , as shown in the image below.



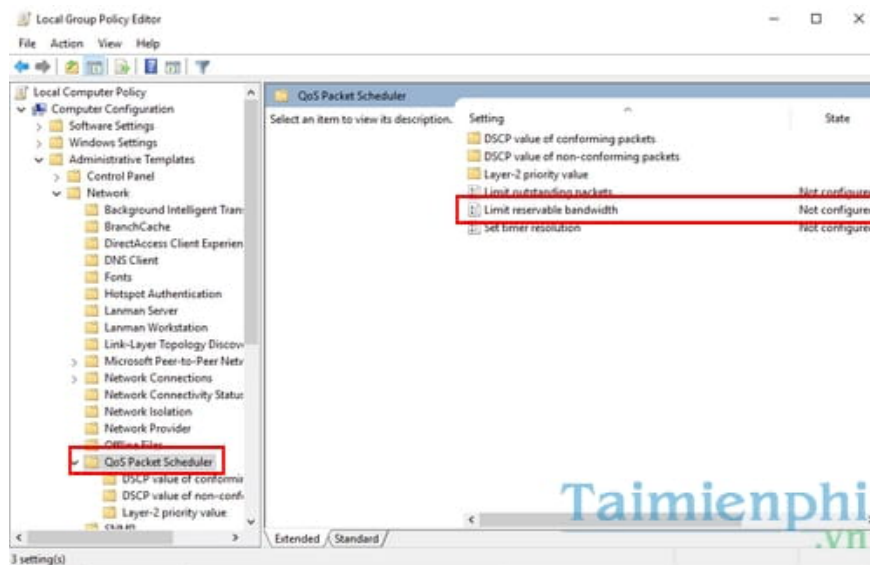
Disabling Updates Delivery will prevent the operating system from automatically downloading Windows update files during use, which can slow down your internet connection. Alternatively, you can disable Windows 10 updates more forcefully through our guide on blocking automatic Windows 10 updates ; however, this may involve some setup issues and prevent you from using the Windows Store.

2. Disable internet bandwidth limits on Windows 10

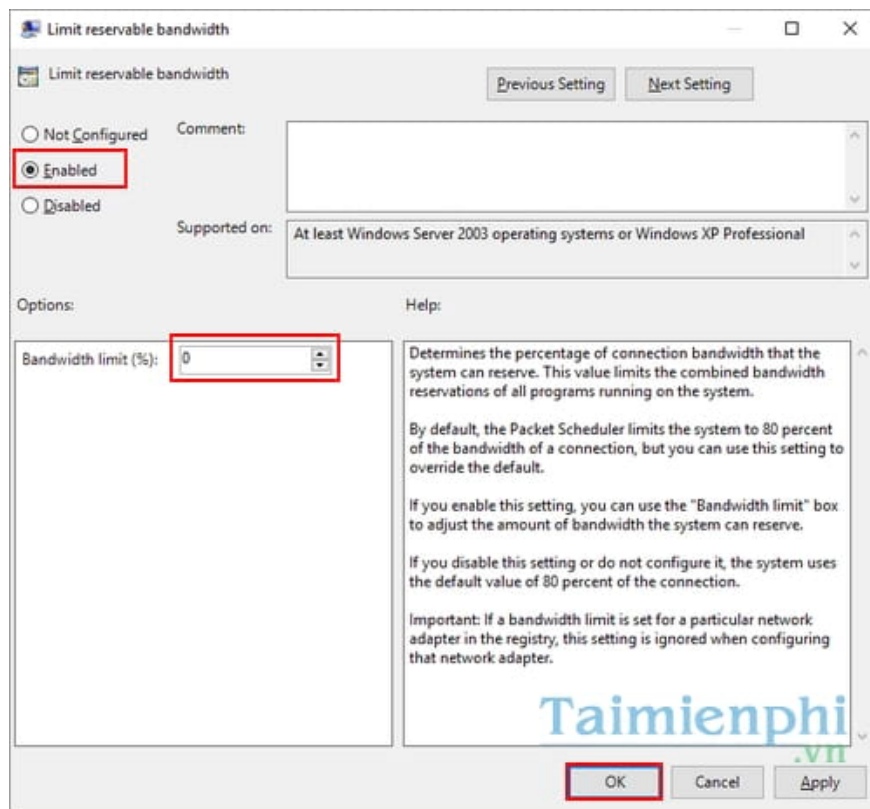
Step 1: To use this method, first press the **Windows** + **R** key combination to open the Run dialog box and enter the command **gpedit.msc** , then press **OK** or **Enter** .



Step 2: The Local Group Policy Editor interface will appear. Access the **Limit reservable bandwidth** section via the path **Computer Configuration/Administrative Templates/Network/QoS Packet Scheduler/Limit reservable bandwidth** .



Step 3: Double-click on **Limit reservable bandwidth** , check the **Enabled** box , change the value to **0%** , and then click **OK** to complete the setup.

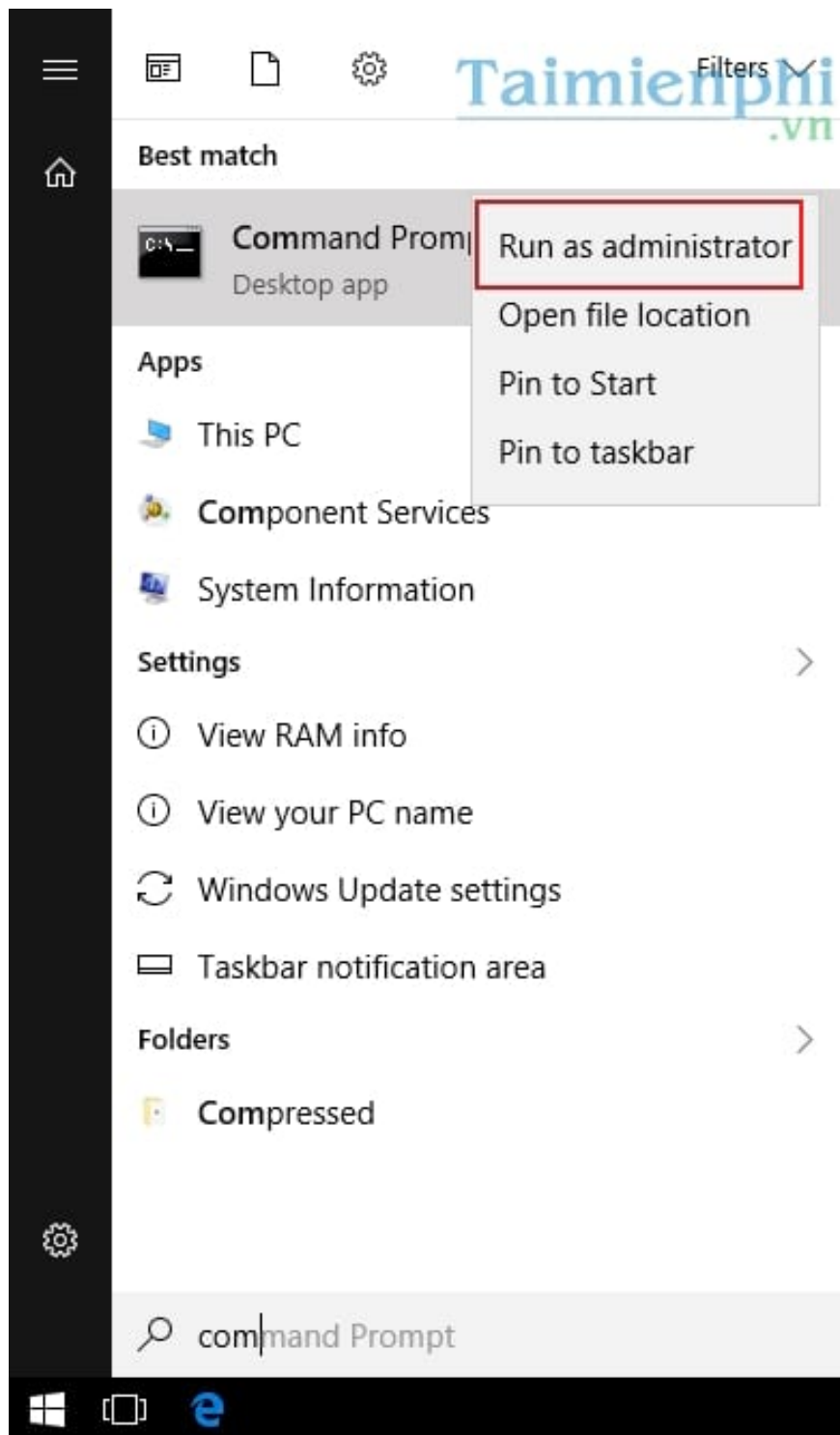


This setting will allow Windows 10 to utilize 100% of your internet speed without limitations, resulting in a significant speed improvement.

3. Disable Window Auto-Tuning

Window Auto-Tuning is a feature that can hinder your internet speed, causing delays in network connections to programs and making it difficult to send and receive messages. This feature is enabled by default for individual connections within the system, which can interfere with network connectivity. Therefore, we need to disable Window Auto-Tuning.

Step 1: First, left-click on the Windows icon in the bottom left corner of the screen, type **Command Prompt** , and right-click on it to select **Run as administrator** .



Step 2: In the Command Prompt dialog box that appears, type the command ``netsh interface tcp show global`` and press **Enter** .

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Windows\system32>netsh interface tcp show global
Querying active state...

TCP Global Parameters
-----
Receive-Side Scaling State      : enabled
Chimney Offload State          : disabled
Receive Window Auto-Tuning Level : normal
Add-On Congestion Control Provider : default
ECN Capability                  : disabled
RFC 1323 Timestamps           : disabled
Initial RTO                     : 3000
Receive Segment Coalescing State : enabled
Non Sack Rtt Resiliency         : disabled
Max SYN Retransmissions        : 2
Fast Open                       : enabled
Pacing Profile                  : off

C:\Windows\system32>
```

Here, please note that the "Receive Window Auto-Tuning Level" line is set to "Normal ," meaning it is currently limited.

Step 3: Next, enter `netsh int tcp set global autotuninglevel=disabled` to disable Window Auto-Tuning.

```
Administrator: Command Prompt

C:\Windows\system32>netsh interface tcp show global
Querying active state...

TCP Global Parameters
-----
Receive-Side Scaling State      : enabled
Chimney Offload State          : disabled
Receive Window Auto-Tuning Level : normal
Add-On Congestion Control Provider : default
ECN Capability                  : disabled
RFC 1323 Timestamps           : disabled
Initial RTO                     : 3000
Receive Segment Coalescing State : enabled
Non Sack Rtt Resiliency         : disabled
Max SYN Retransmissions        : 2
Fast Open                       : enabled
Pacing Profile                  : off

C:\Windows\system32>netsh int tcp set global autotuninglevel=disabled
Ok.

C:\Windows\system32>
```

So, the Windows Auto-Tuning function has been disabled. Now you just need to restart your computer and then run a few programs to test your internet speed on Windows 10 and see how much the speed has improved after this function is turned off. Of course, nothing is perfect; if you want to turn this function back on later, you just need to enter the command `netsh int tcp set global autotuninglevel=enabled` into the Command Prompt window .

Above are all the ways to speed up your Windows 10 internet connection that Taimienphi has compiled and wants to share with readers. Hopefully, those using Windows 10 can improve their network speed and optimize it for work, study, and entertainment. Increasing internet speed is crucial for users, but computer processing speed is also very important. With the guide on improving Windows 10 performance that we previously shared, we hope to help readers have a smoother experience on their devices.

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