

12 ways to speed up Windows 10 extremely effectively 2021

In this article I will guide you 12 simple tips to speed up Windows 10, make your computer run faster.

If you want your computer to perform faster, optimized for performance, then take a few minutes to try the following tips to speed up the performance of Windows 10 on your computer.

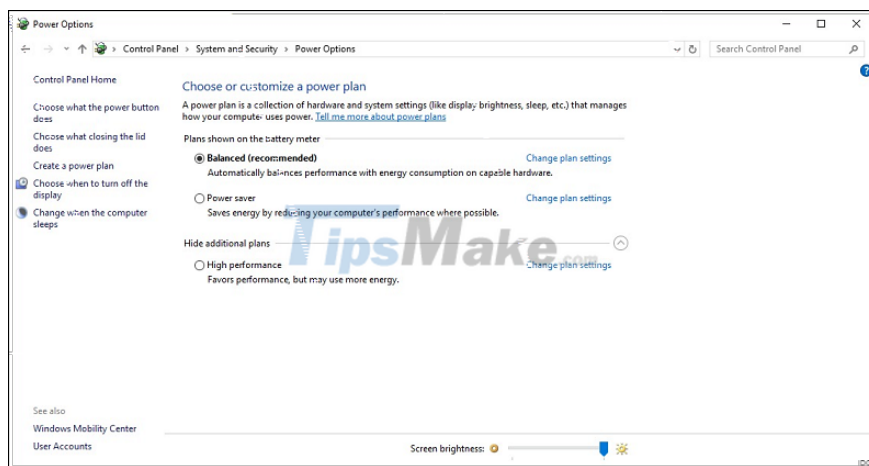
1. Change power settings (Power Option)

If you are using the power saver function (**Power saver**) for Windows 10, it is slowing down your PC, reducing the performance of the computer. Now you need to change the power saving function (**Power Saver**) to high performance mode (**High performance**) or balanced mode (**Balanced**) to increase the performance of the computer. Here's the first **Windows 10 speed booster** you should do.

Now to do that we do the following:

Step 1: Go to **Control Panel => System and Security => Power Options.**

Step 2: Click to select **Balanced** mode, this is a balanced mode recommended by the Windows 10 publisher.



There is also a high **performance** mode, when choosing this mode, your computer needs to connect to a crazy source, because in this mode the performance is quite high, consuming a lot of energy.

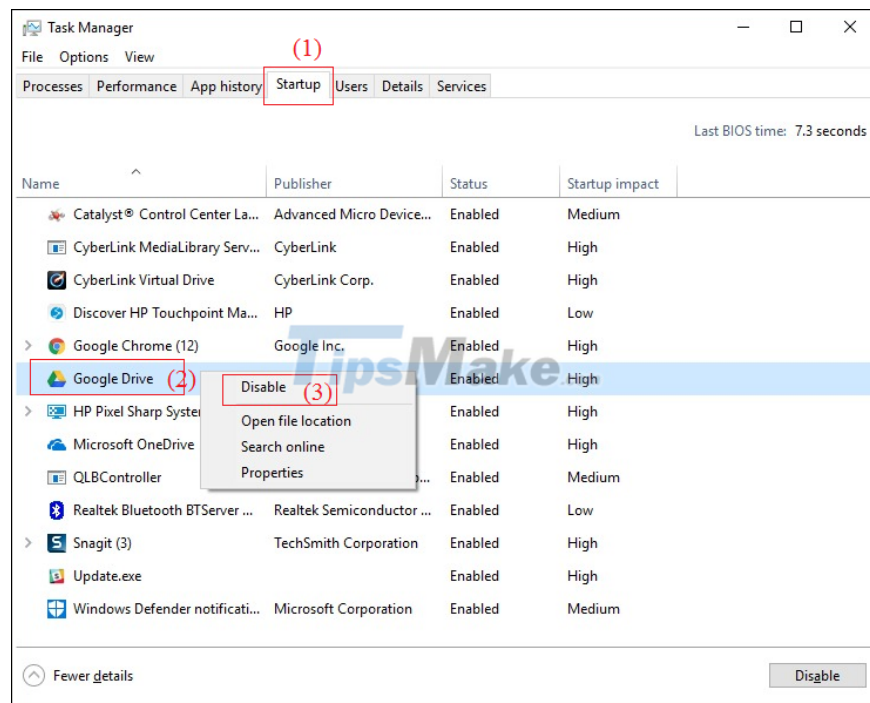
2. Turn off background programs when you start Windows.

The reason your Windows 10 is running slow is that there are so many programs running in the background, with these programs you rarely use. So, disabling it will help **speed up Windows 10** very effectively.

Now I will show you how to turn off programs running in the background on Windows 10 as follows:

Step 1: Press **Ctrl + Shift + Esc** to launch the **Task Manager**.

Step 2: After the dialog box **Task Manager** appears, go to the **Startup** tab and then click to select unnecessary background applications and click **Disable** to remove them.



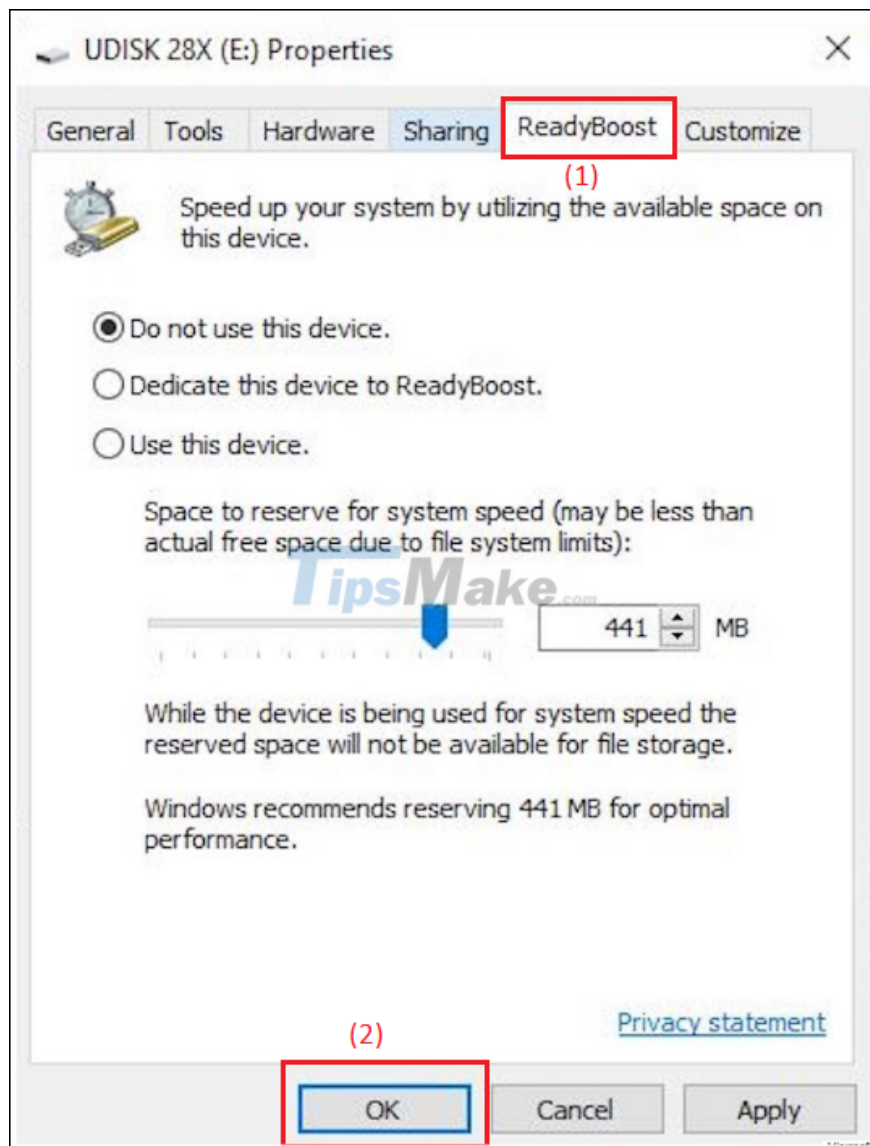
Once removed, the computer will no longer launch them at the next startup.

3. Use ReadyBoost to speed up hard drive caching

Windows 10 regularly caches data, when needed it imports data from there. The time to enter data in the cache is fast or transient depending on the speed of the computer's hard drive. If you are using a traditional HHD hard drive, then there is a way to increase cache speed, which is to use the **Windows ReadyBoost** feature, here's how:

Step 1: Plug the USB drive into your computer, note choosing a **USB** drive with twice the capacity of the **Ram** memory to ensure maximum performance.

Step 2: After plugging the USB in, open **File Explorer** and Right-click the USB flash drive and choose **Properties**. Then the **Properties** dialog box appears, click **ReadyBoost** Tab as shown below.



You can keep the memory size the same or change it if you want, then press **OK**.

Note: If the message "**This device cannot be used for ReadyBoost**" appears, your USB drive is not efficient enough to meet the minimum performance of ReadyBoost. So you need to change the new USB to have higher performance.

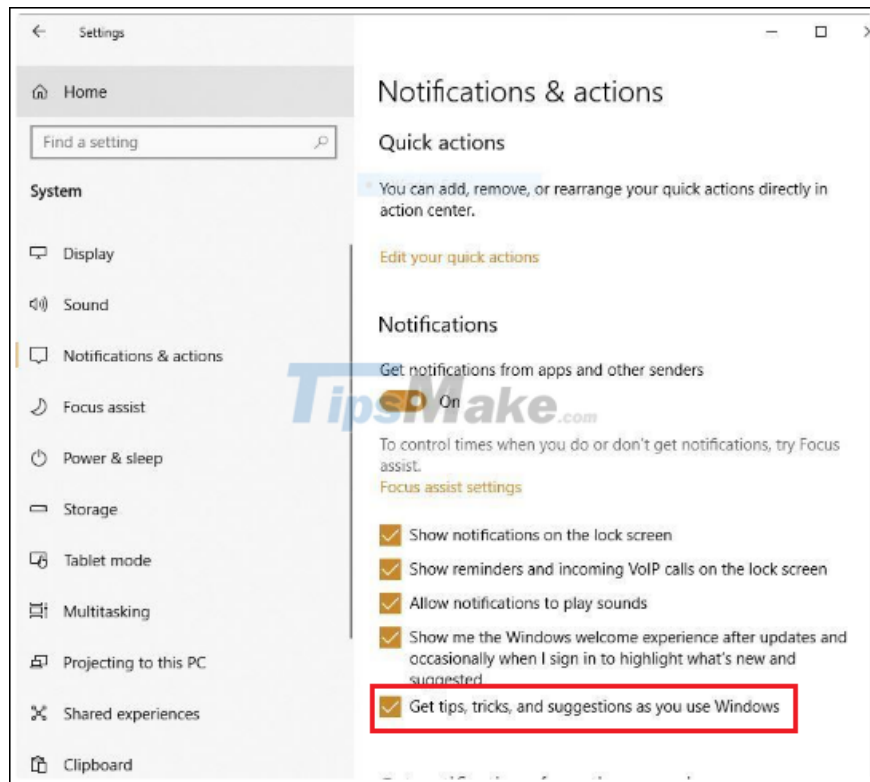
4. Turn off Windows tips and tricks

When you use a Windows 10 computer, Windows will always monitor your actions and offer tips and tricks, in my experience, Windows tips and tricks are not very helpful.

And the fact that Windows constantly offers tips can make your computer run more slowly. So if you want to keep the stable performance of Windows, please turn off tips and tricks that Windows offers. To do that, I will show you how to turn off Windows tips and tricks as follows:

Step 1: On the screen **Desktop** Click **Start** => **Settings** => **System** => **Notification & Actions**

Step 2: The **Notification & Actions** dialog box pops up, uncheck the "Get tips tricks and suggestions as you use Windows" box as shown below.



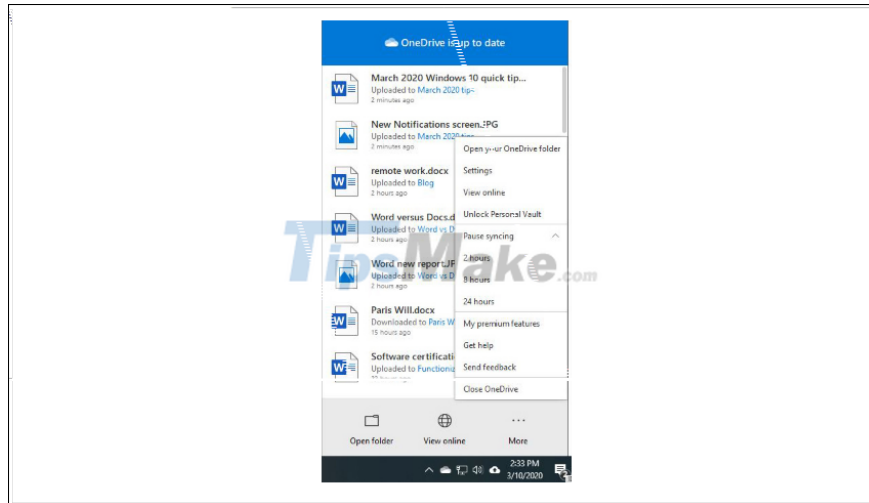
5. Stop syncing OneDrive

OneDrive is a fortunate Microsoft used to store data built into Windows 10, always in sync and up to date on your computer.

OneDrive is a useful storage tool that helps your computer when it fails to sync data back to your computer.

However, the fact that OneDrive is always syncing and updating data on your computer will make your computer slow down and if you really want to turn off OneDrive sync, I will guide you to follow these steps:

Step 1: Right-click on the **OneDrive** icon then select **Settings => Account**.



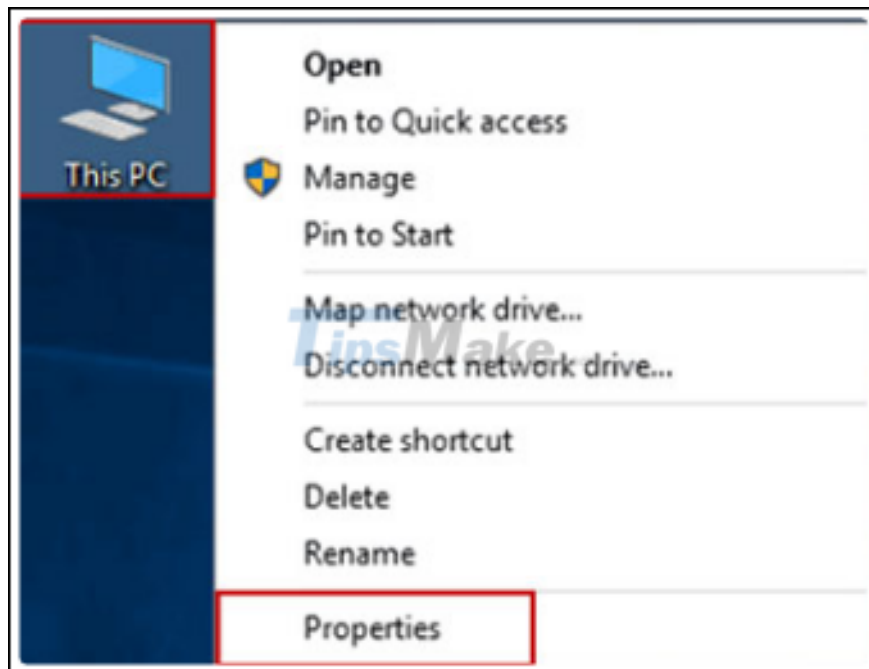
Step 2: Then the screen appears, click **Unlink Account** ". Thus you have stopped syncing OneDrive on Windows 10.

6. Defragment your hard drive

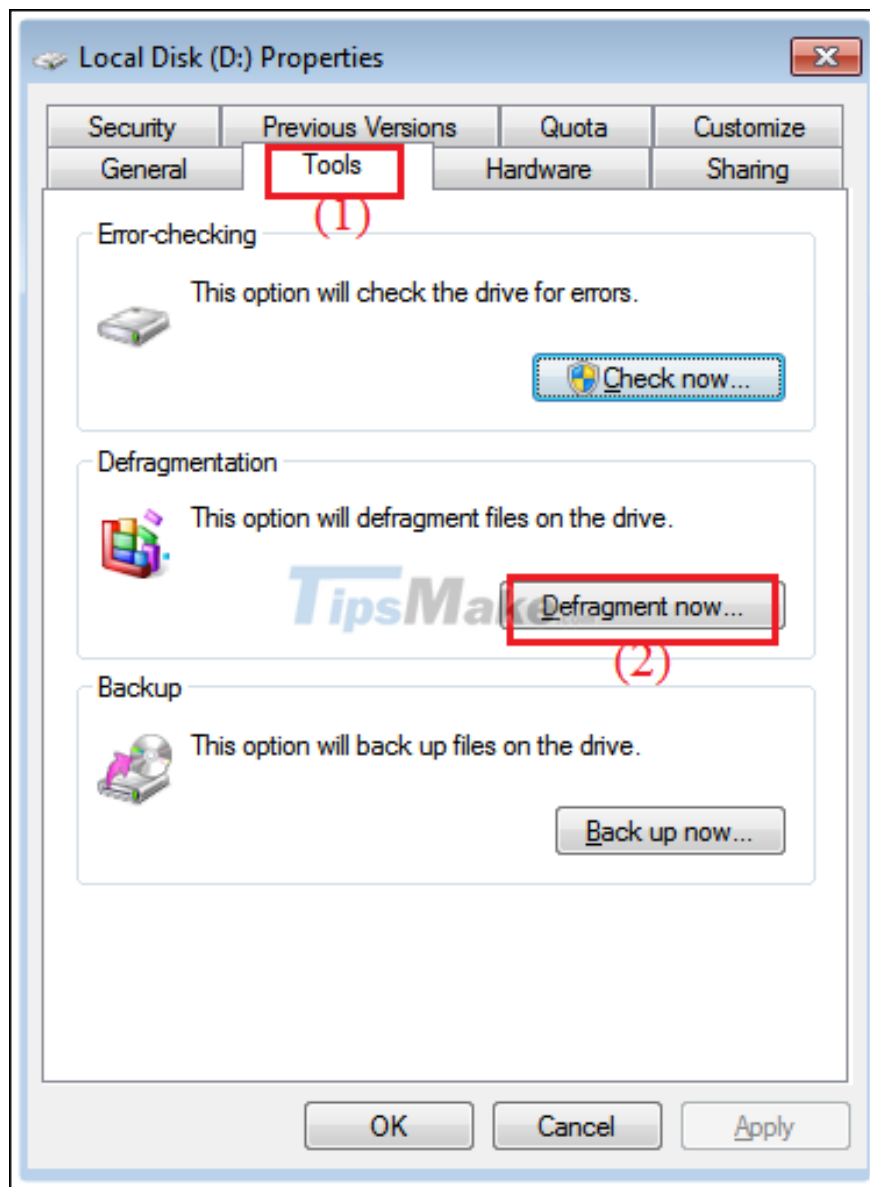
Why should you defragment your hard drive? In the process of using the computer, the files on the hard drive will be scattered, so the system has to look for those fragmented files in different places, which makes the system take a long time to synthesize. data and slow down your device over time.

So in this article I will guide you how to defragment the hard drive on Windows 10 as follows.

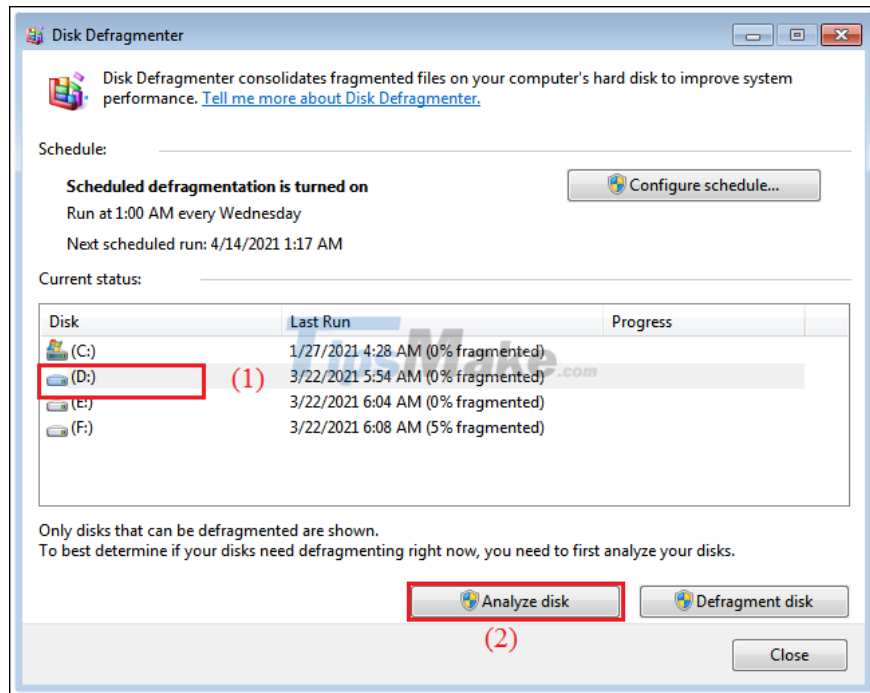
Step 1: On the **Desktop** screen , right-click **This PC** => **Properties**



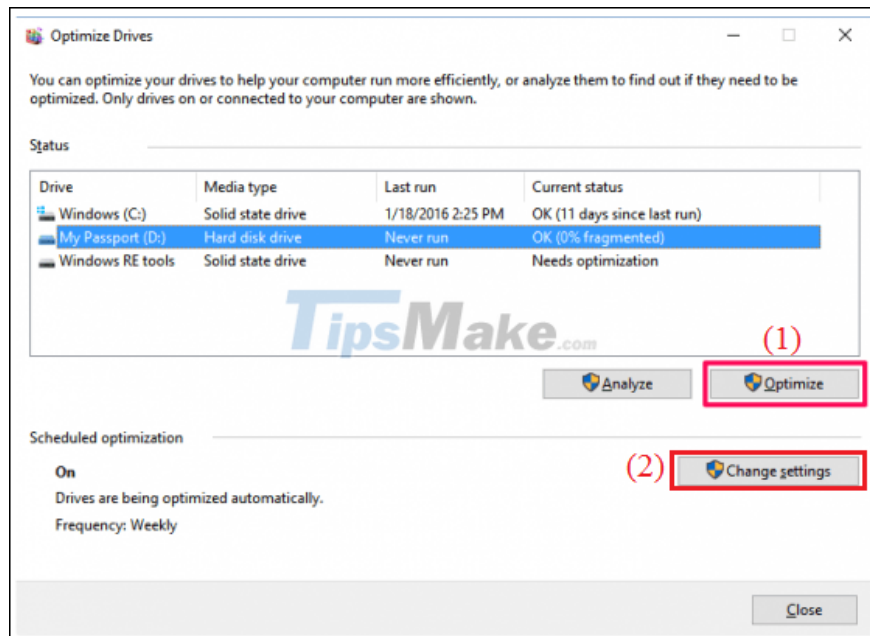
Step 2: After the **Properties** dialog box appears, go to the **Tool** tab and select **Defragment now** .



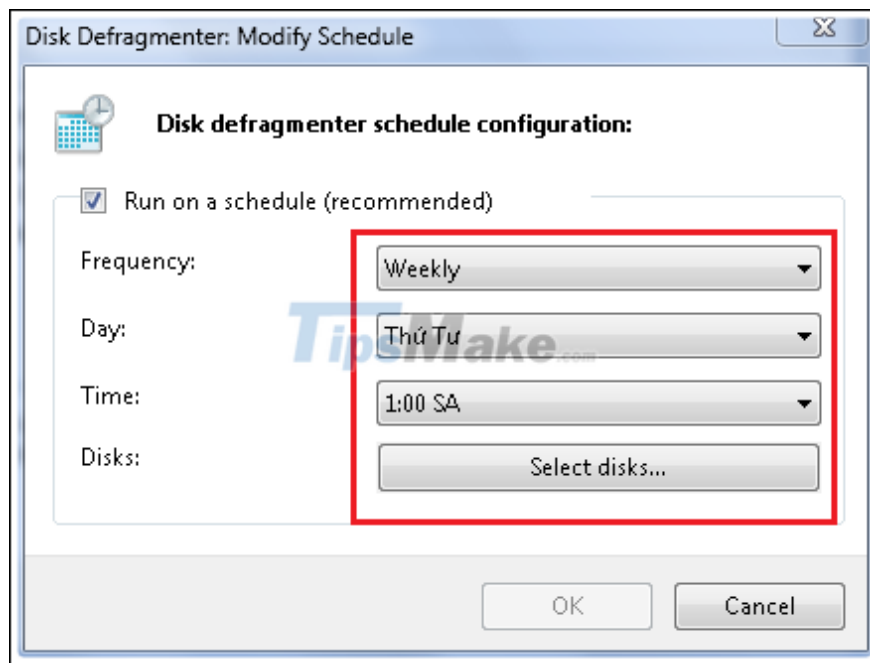
Step 3: Select the drive to check% fragmentation, here I select the drive (**D :**), then click **Analyze disk**.



Step 4: Defrag your hard drive by clicking **Optimize**, then wait for the defragmentation process to complete.



Step 5 : After defragmentation is complete, you can click **Change Settings** to set a schedule to defragment your hard drive as shown below.



So I have shared with you how to defragment the hard drive on Windows 10 in the most detailed.

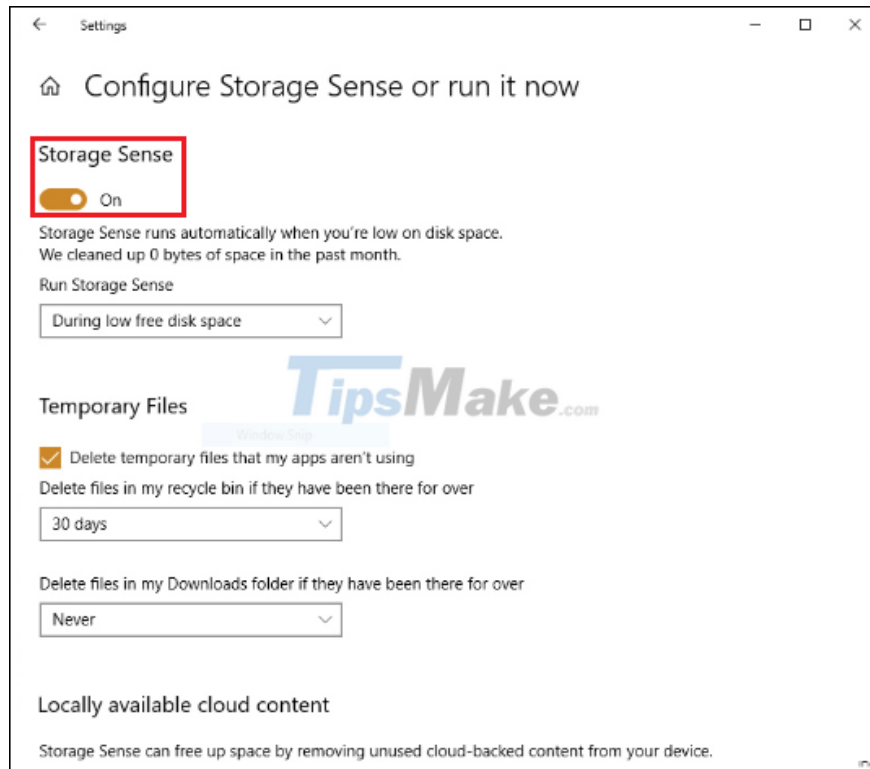
7. Clean hard drive to speed up Win 10

If your hard disk is full of unnecessary junk files, it can slow your computer down and to solve that today I will show you the simplest way to clean your hard disk:

Step 1: On the screen **Desktop** Click **Start** => **Settings** => **System** => **Storage**.

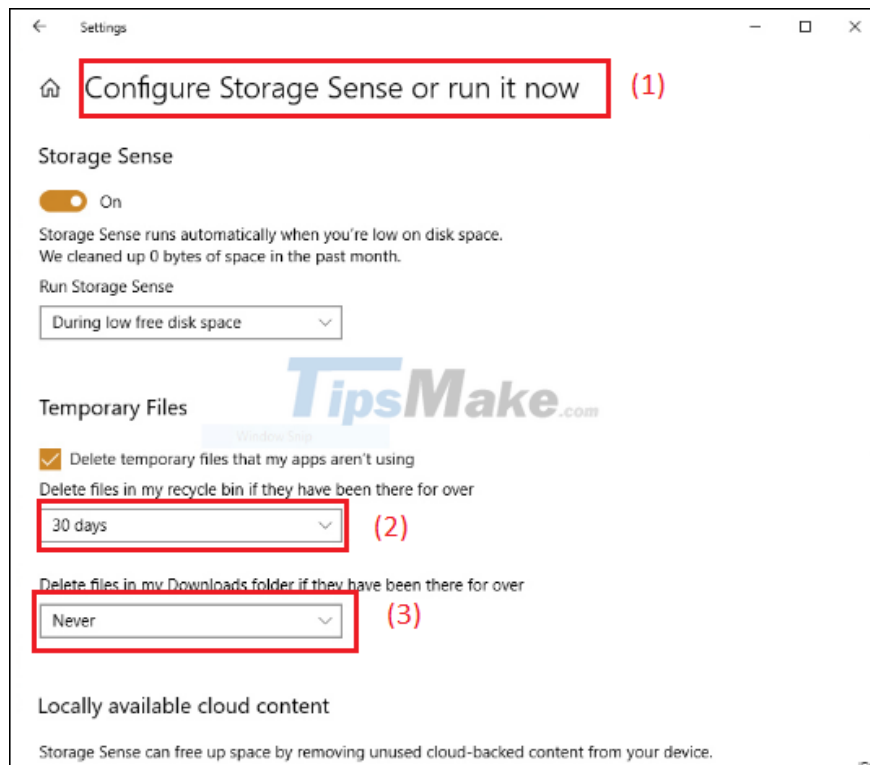
Show the dialog box below, in the **Storage Sense** section switch **OFF** to **On**.

When you turn On mode, you allow Windows to delete unnecessary files.



Step 2: Advanced options, you can edit how Storage Sense works to free up more files with larger sizes. How to proceed as follows: Click "Configure Storage Sense at run it now", then you can change the file cleaning rate (default is 30 days).

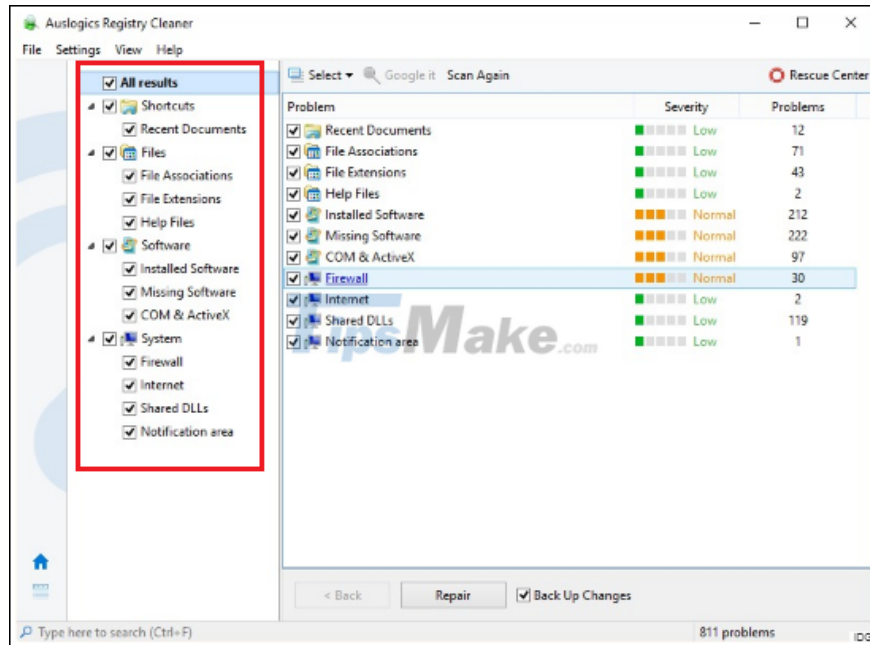
In the " *Delete files in my Downloads folder if they are there for over* " section you can choose to delete the folders you have downloaded.



8. Clean the Registry

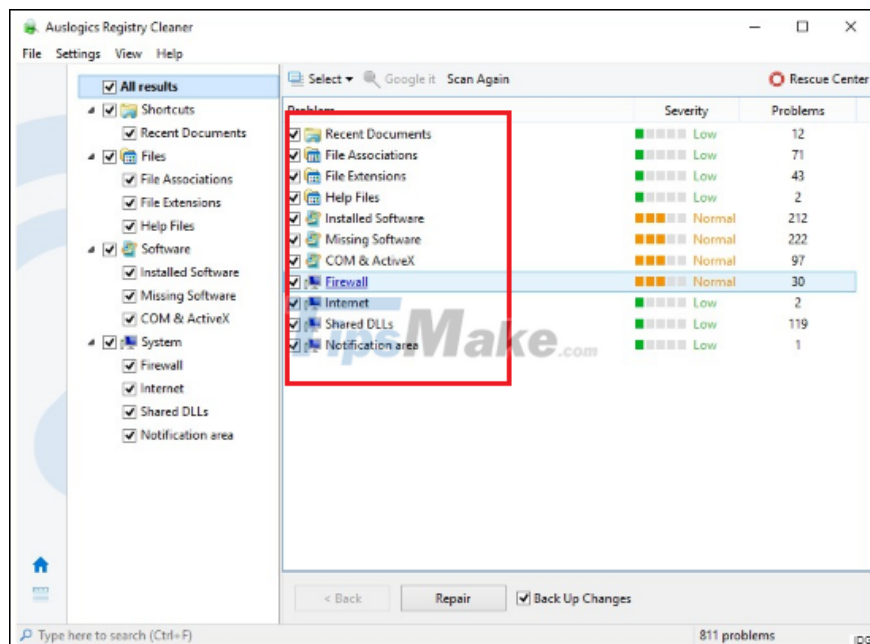
Here I will show you how to clean the Registry:

Step 1: You download and install **Auslogics Registry Cleaner** program . Once installed, on the left side of the screen you can choose which items to perform cleaning, or you can select all.



Link download here.

Step 2: Click **Scan** to scan for errors, after finding errors, it will display the category of severity on the right side of the screen, finally click **Repair** to proceed with cleaning.



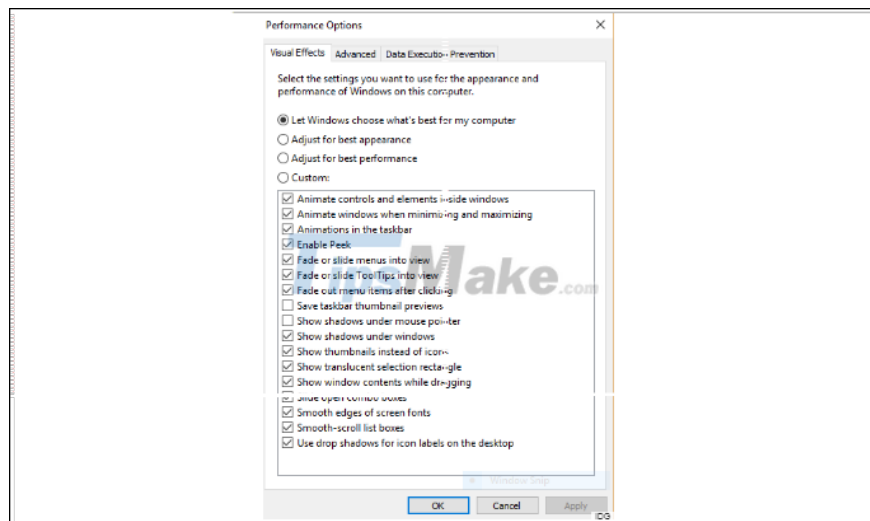
9. Turn off animations and visual effects on Win 10

In Windows 10 there are a lot of animations and visual effects and they can slow down the performance of the computer. So I will guide you how to turn them off:

Step 1: In Windows 10's search box, type **Sysdm.cpl** and press **Enter**. Or open the RUN dialog box and type **Sysdm.cpl** to open the Sysdm dialog box.

Step 2: The **Performance Option** dialog box appears, go to the **Visual Effects** tab and proceed to customize.

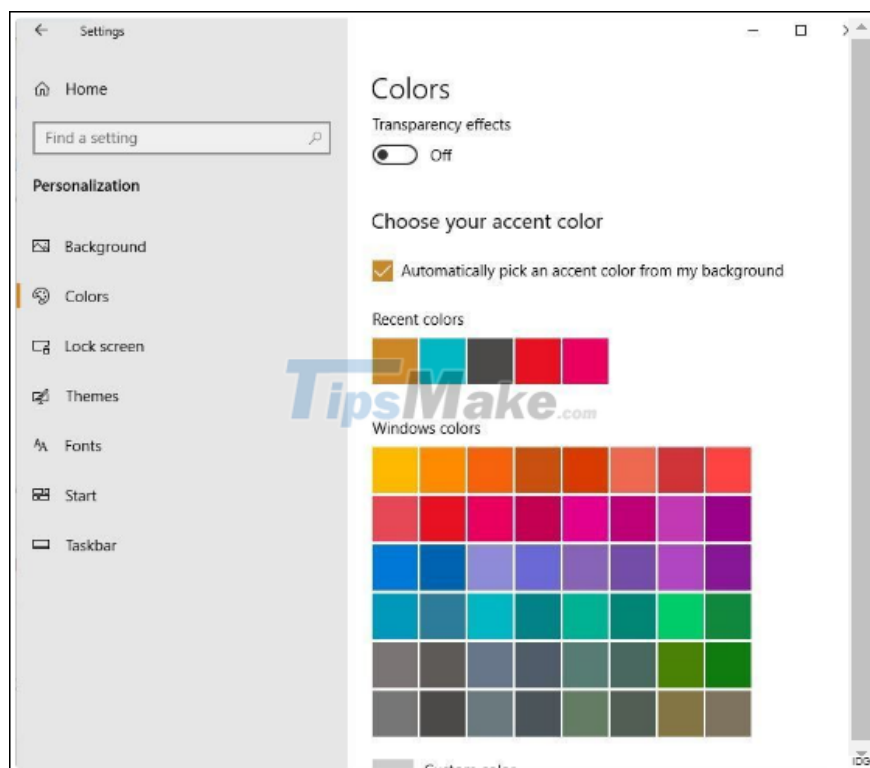
And to make it easier, just click "**Let Windows choose what's best for my computer**", then click **OK**, **Windows** will automatically turn off the effects and animations.



10. Turn off the transparency effects (Transparency effects)

When using Windows 10 you should turn off transparency effects. Because Windows 10 already uses transparency effects for the Start Menu, Taskbar and Action Center, it takes some time to do so and turning them off means improved performance. movement of the computer.

To turn off transparency effects we do the following: Go to settings, choose **Personalization** => **Colors**, in **Transparency effects** we switch from **ON** to **OFF**.



11. Turn on Windows autocorrect.

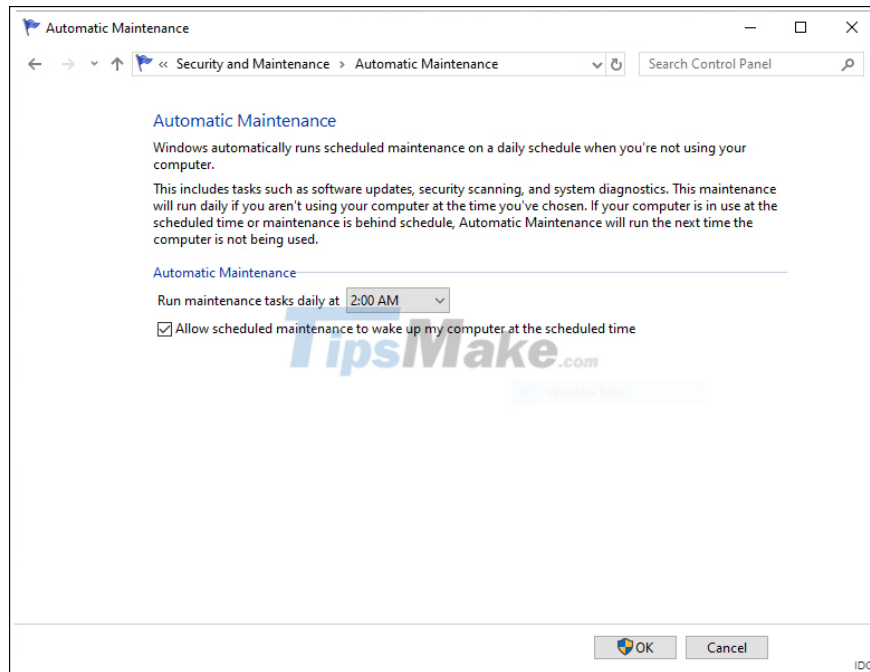
On Windows 10, there will be a function to automatically fix errors periodically for Win and automatically fix problems when found errors. By default, this mode works periodically at 2am as long as your computer is not turned off or is in sleep mode.

However, most likely this feature has been turned off without your knowledge. So below I will guide you how to turn on Windows autocorrect as follows:

Step 1: Open **Control Panel => System and Security => Security and Maintenance.**

Step 2: The **Automatic Maintenance** dialog box appears, click "**Start Maintenance**" if you want to apply now.

If you want to ensure this feature works every day, please click on "**Change Maintenance settings**" and choose a periodic operation time, then click on "**Allow Scheduled Maintenance to wake up my computer at the scheduled time**". Click **OK** to finish.



12. Turn off Bloatware to speed up Win 10

Before going into the tutorial to turn off Bloatware on Windows 10, you must understand **what Bloatware is** ?

As you know, **Bloatware** is basically the software that comes pre-installed on Windows 10. However, there are some pieces of software that will be useful to you, and some times you will never touch them. Because of that, today I will show you how to disable **Bloatware** on **Windows 10**.

Manually turn off Bloatware

The following article I will guide you how to disable Bloatware with the simplest manual method.

Step 1: On the home screen, click on the **Windows** icon, then navigate to the application you want to remove and click **Uninstall**.



Step 2: After the uninstallation is complete, a message will appear as shown below, click **Uninstall** to confirm the removal of the application from the computer.

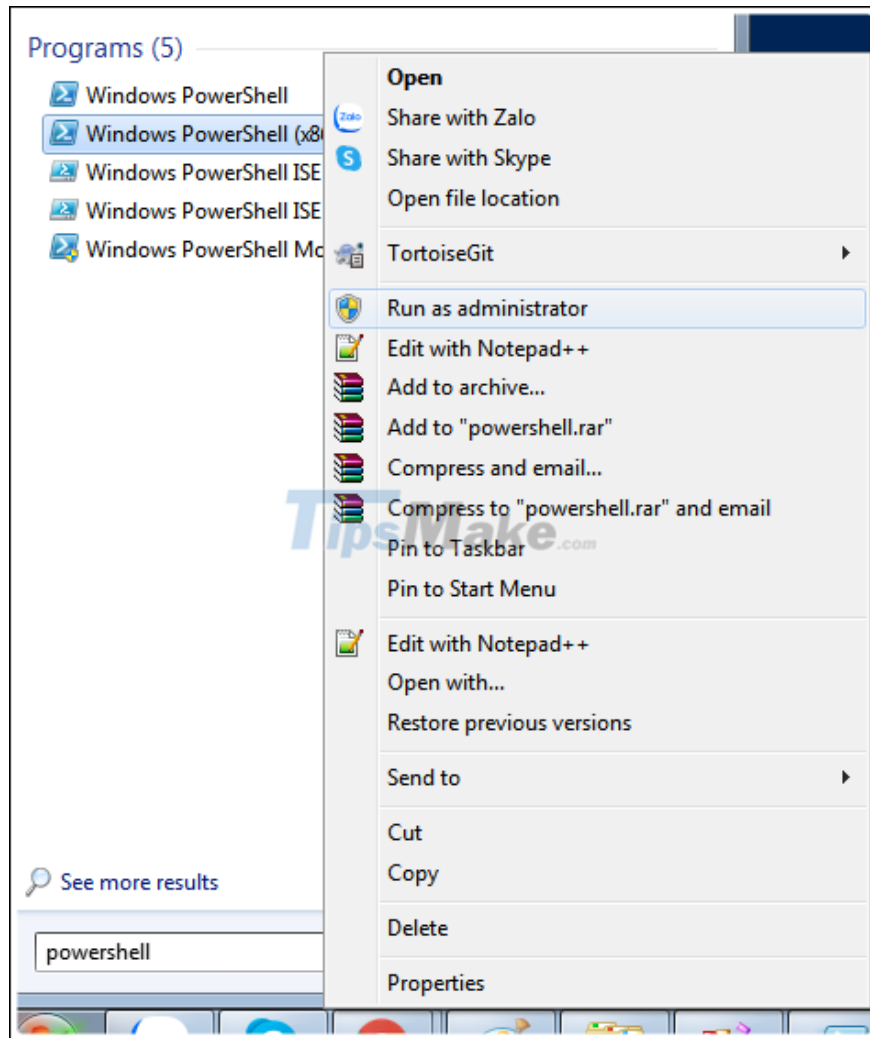


So, only 2 simple steps you can turn off Bloatware on Windows 10.

Turn off Bloatware with the DISM command

In case you want to remove all **Bloatware** from your system, you can use the **DISM** command in **PowerShell**. And now I will guide you how to use the **DISM** command in **PowerShell** as follows:

Step 1: In the search box, type **PowerShell**, then right-click and select **Run Administrator => Yes**



Step 2: You use the following command to see the entire Bloatware of the system.

DISM / Online / Get-ProvisionedAppxPackages | select-string Packagename

```
Administrator: Windows PowerShell
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\WINDOWS\system32> DISM /online /Get-ProvisionedAppxPackages | select-string Packagename

PackageName : 5A894877.McAfeeSecurity_2.1.16.0_neutral_~_wafk5atnkzcwy
PackageName : 7EE7776C.LInkedInforWindows_2.1.7098.0_neutral_~_wldnht996qgy
PackageName : CyberLinkCorp.th.Power2GoForLenovo_8.0.9516.0_x86_~_m916jedk64snt
PackageName : CyberLinkCorp.th.PowerDVDforLenovo_14.1.9528.0_x86_~_m916jedk64snt
PackageName : DolbyLaboratories.DolbyAudio_3.20201.255.0_x64_~_rz1tebttyb220
PackageName : E0469640.LenovoCompanion_10.1910.41.0_neutral_~_k1h2ywk1493x8
PackageName : E0469640.LenovoUtility_3.1.4.0_x64_~_5grkq8ppsgwt4
PackageName : Microsoft.BingWeather_4.34.13393.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.DesktopAppInstaller_2019.1019.1.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.GetHelp_10.1909.22691.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Getstarted_8.2.22942.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.HEIFImageExtension_1.0.23292.0_x64_~_8wekyb3d8bbwe
PackageName : Microsoft.HEVCVideoExtension_1.0.23254.0_x64_~_8wekyb3d8bbwe
PackageName : Microsoft.Messaging_2019.125.32.1000_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Microsoft3DViewer_7.1908.9012.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.MicrosoftOfficeHub_18.1910.1283.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.MicrosoftSolitaireCollection_4.5.12061.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.MicrosoftStickyNotes_3.7.106.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.MixedRealityPortal_2000.19101.1211.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.MPEG2VideoExtension_1.0.22661.0_x64_~_8wekyb3d8bbwe
PackageName : Microsoft.MSPaint_2019.718.2251.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Office.Desktop.Access_16051.12325.20298.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Office.Desktop.Excel_16051.12325.20298.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Office.Desktop.Outlook_16051.12325.20298.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Office.Desktop.PowerPoint_16051.12325.20298.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Office.Desktop.Publisher_16051.12325.20298.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Office.Desktop.Word_16051.12325.20298.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Office.Desktop_OneNote_16001.12325.20040.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.OneConnect_5.1911.3171.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.People_2019.1008.1830.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.Print3D_3.3.791.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.ScreenSketch_2019.904.1644.0_neutral_~_8wekyb3d8bbwe
PackageName : Microsoft.SkypeApp_14.55.131.0_neutral_~_kzf8qxf38zgs5c
PackageName : Microsoft.StorePurchaseApp_12001.1001.113.0_neutral_~_8wekyb3d8bbwe
```

Step 3: Select the application you want to remove from the system, here I choose **PackageName: Microsoft.Xbox.TCUI_1.24.10001.0_neutral_~_8wekyb3d8bbwe**

```
ackageName : Microsoft.WebMediaExtensions_1.0.20875.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WebpImageExtension_1.0.22753.0_x64_~_8wekyb3d8bbwe
ackageName : Microsoft.Windows.Photos_2019.19081.22010.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsAlarms_2019.1108.1933.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsCalculator_2020.1910.0.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsCamera_2019.926.20.0_neutral_~_8wekyb3d8bbwe
ackageName : microsoft.windowscommunicationsapps_16005.12228.20410.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsFeedbackHub_2019.1111.2029.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsMaps_2019.1008.1857.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsSoundRecorder_2019.1115.107.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsStore_12001.1001.113.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.Xbox.TCUI_1.24.10001.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxApp_48.59.13001.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxGameOverlay_1.49.17002.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxGamingOverlay_3.36.6003.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxIdentityProvider_12.58.1001.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxSpeechToTextOverlay_1.21.13002.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.YourPhone_2020.110.2330.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.ZuneMusic_2019.19101.10711.0_neutral_~_8wekyb3d8bbwe
```

Step 4: After selecting the application to be removed, type the following command: **DISM / Online / Remove-ProvisionedAppxPackage /PackageName:Microsoft.Xbox.TCUI_1.24.10001.0_neutral_~_8wekyb3d8bbwe**

```
ackageName : Microsoft.WindowsSoundRecorder_2019.1115.107.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.WindowsStore_12001.1001.113.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.Xbox.TCUI_1.24.10001.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxApp_48.59.13001.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxGameOverlay_1.49.17002.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxGamingOverlay_3.36.6003.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxIdentityProvider_12.58.1001.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.XboxSpeechToTextOverlay_1.21.13002.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.YourPhone_2020.110.2330.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.ZuneMusic_2019.19101.10711.0_neutral_~_8wekyb3d8bbwe
ackageName : Microsoft.ZuneVideo_2019.19101.10711.0_neutral_~_8wekyb3d8bbwe
ackageName : Mirkat.Mirkat_1.0.262.0_x64_~_hmqnq9nycmfde
ackageName : RealtekSemiconductorCorp.RealtekAudioControl_1.2.163.0_neutral_~_dt26699r8H8gj

S C:\WINDOWS\system32> DISM /Online /Remove-ProvisionedAppxPackage /PackageName:Microsoft.Xbox.TCUI_1.24.10001.0_neutral_~_8wekyb3d8bbwe
```

Thus, the application you selected has been removed from the system, and you continue to do the same for other applications on the system.

Above is a synthesis of 12 ways to speed up Windows 10 2021, wish you success.

You finished reading the article "**12 ways to speed up Windows 10 extremely effectively 2021**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.