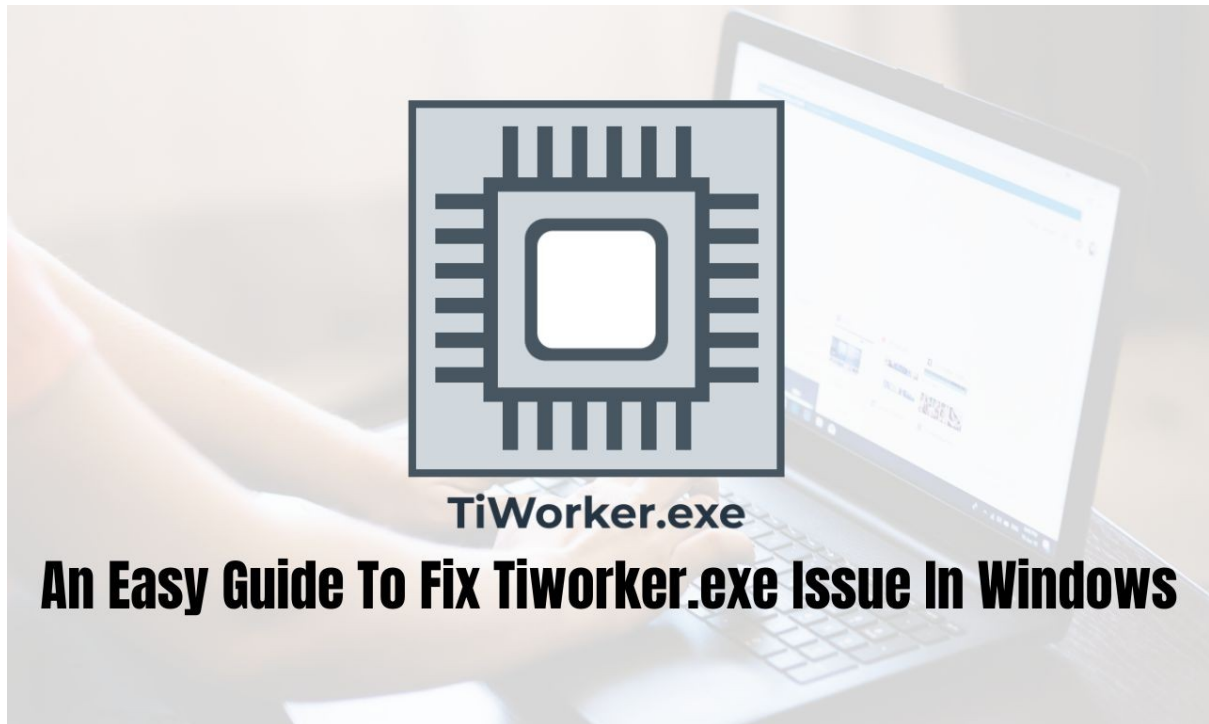


An Easy Guide To Fixing Tiworker.exe Issue In Windows

Tiworker.exe high Cpu Usage occurs because of many reasons, but there are several ways to fix this issue. Here are some easy tips to fix the tiworker.exe Issue of High CPU Usage.



TiWorker.exe runs silently in the background without notifying you because it is supposed to run this way. However, sometimes you may experience PC performance issues and check the Task Manager to see if the TiWorker.exe is causing high disk usage problems.

TiWorker.exe is not named according to the function it has. Some might think it is a virus, but it is not a malicious process. Tiworker.exe is a legitimate process, and you can fix the Tiworker.exe issue in many ways. Read the article till the end to know all about them.

What Is TiWorker.exe?

TiWorker.exe is the process of Window Update that is also known as Windows Modules Installer Worker or WMI. It has a role in checking and running windows updates. When TiWorker.exe runs in the background, it eats up the resources when the window updates are running, installing, and being removed.

TiWorker.exe apparently causes no problem and should not cause high CPU usage issues. Once the update is complete, it should disappear on its own. Mostly the CPU usage is maxed out at 10%, and the disk usage remains below 10 Mb/sec.

TiWorker.exe issues include:

- Process hanging out even if updates are completely installed.
- Sources are being consumed greedily, and PC slows down.

If you are facing these issues, troubleshooting is required to fix them. The rest of the article focuses on how you can fix the Tiworker.exe issue in Windows on your laptop or desktop.

Why does TiWorker Use so Much CPU?

TiWorker works in the background to download your CPU updates. It scans your system software and then connects with the Windows Internet Servers to download the requisite software. All this requires both processing and downloading files at the same time. This is why TiWorker uses so much of your CPU.

Reasons that Tiworker is interfering so much your device functioning include

- Your Internet connection is probably too slow, so Tiworker is running all the time in the background
- PC hardware specifications are too old for optimal Windows 10 functioning
- There are many updates for your PC to be installed
- System Files might be corrupted and flawed. A virus may be present in your PC.

Top 10 ways to Fix High CPU and Disk Usage Issues With TiWorker.exe

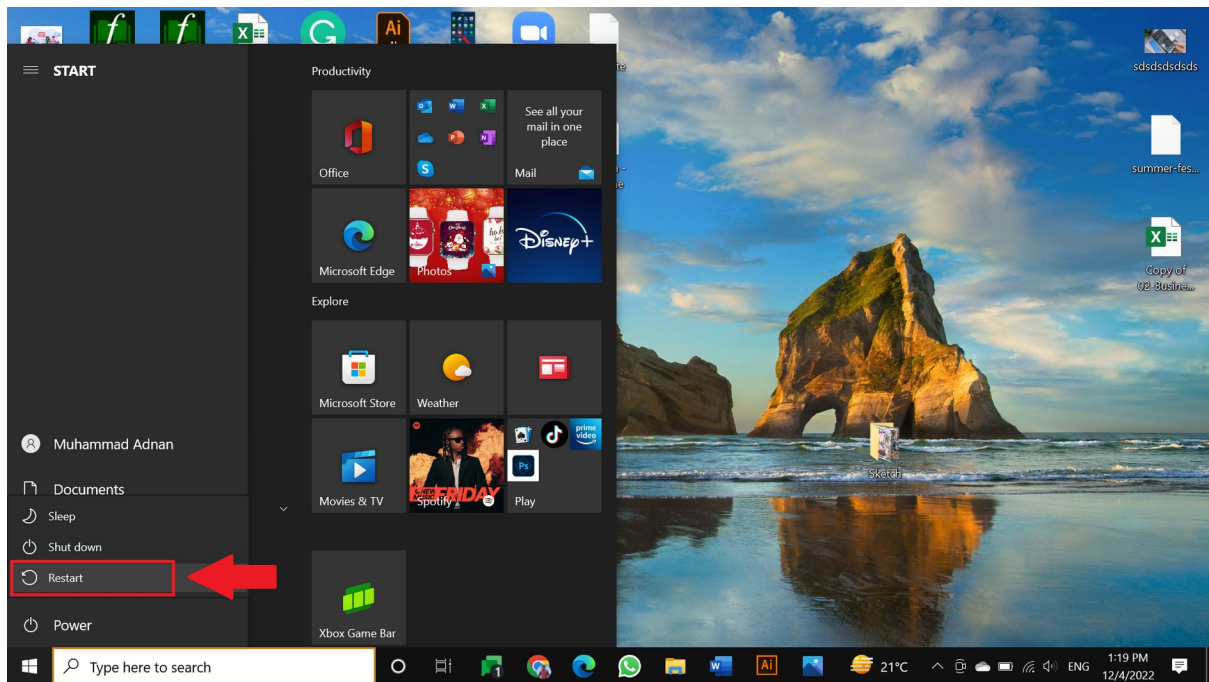
You are wrong if you think that the TiWorker.exe issue can be resolved in a single way. Go through these fixes to get rid of the problem according to the cause.

1. Restart Your PC

Restarting the PC can be the simplest way to get rid of most of the hung-up processes and issues. Similarly, it can help you to get rid of CPU and disk usage issues. Before moving to other troubleshooting ways, restart your PC and check if your problem persists.

In order to restart your PC,

- Click on the **Start button** and then hover your mouse over the **Power** shaped icon
- Right click on the power shaped icon and then click **Restart**

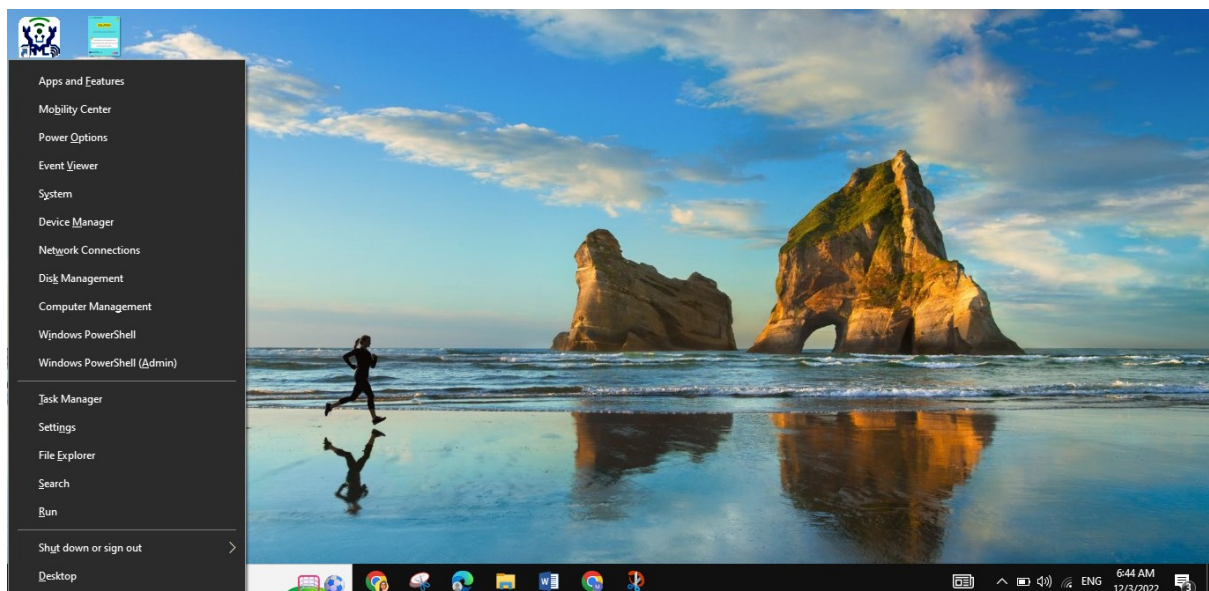


2. End the WMI Worker Process

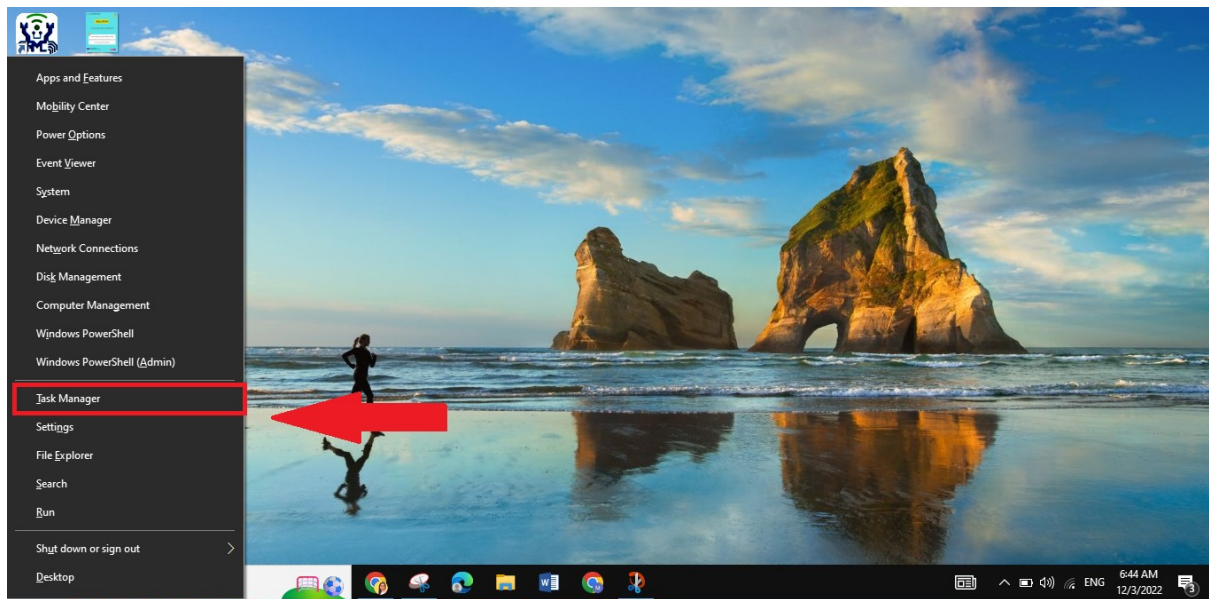
You may note on the screen that Windows Update is trying to run, but it freezes. If you restart the system, you get across the same issue again. You can try ending the Windows Module Installer Worker Process to solve this problem. This will help you to restart the program with some bug fixes.

Follow these steps to apply this fix:

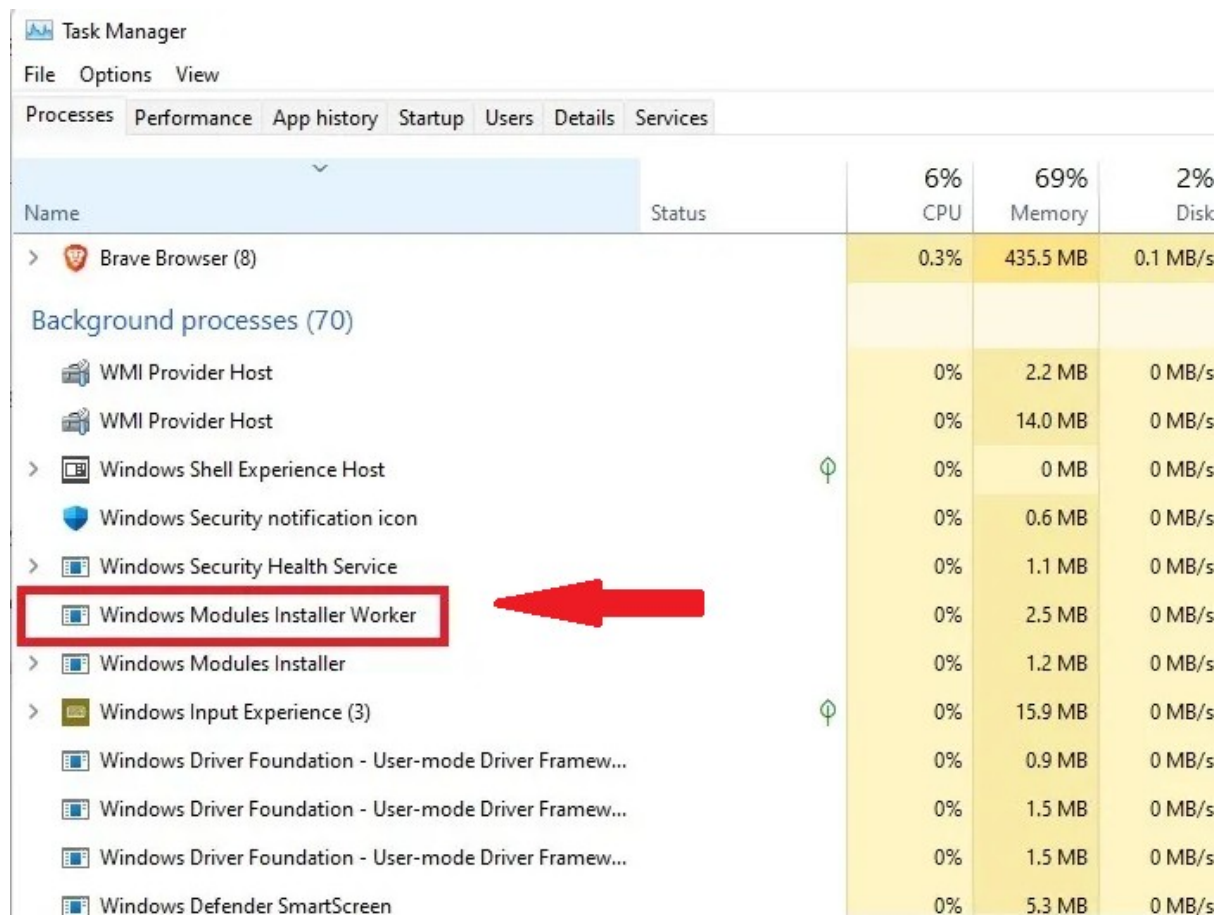
- Press the keys Window + X from the keyboard.



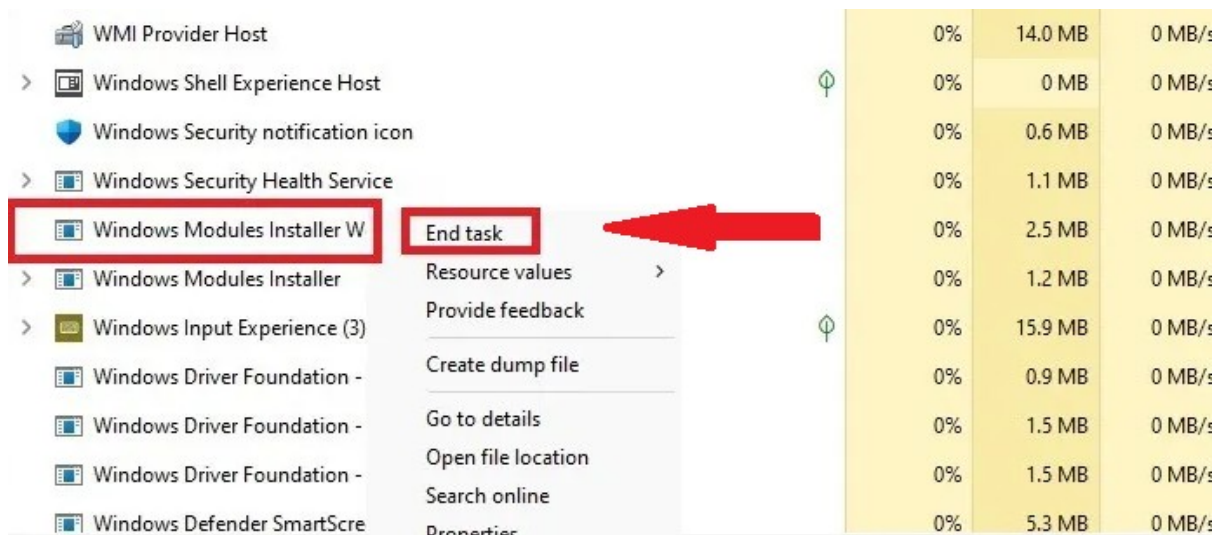
- A small window will appear at the start menu. Select Task Manager.



- Right click Window Installer module Worker



- Select End Task.



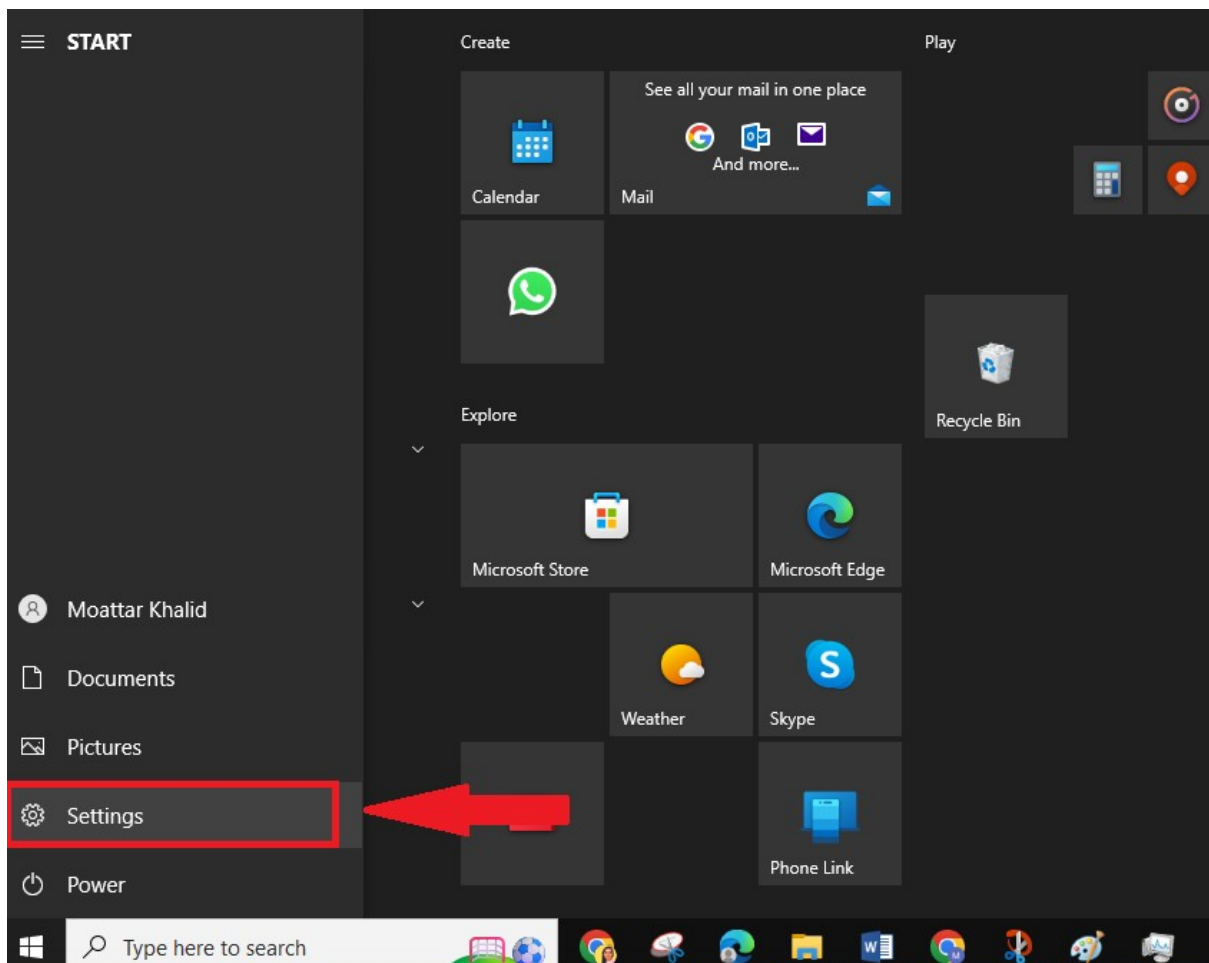
This fix might not work, and the process would not end and start immediately. Still, high CPU and disk usage issues may persist.

3. Check for Updates

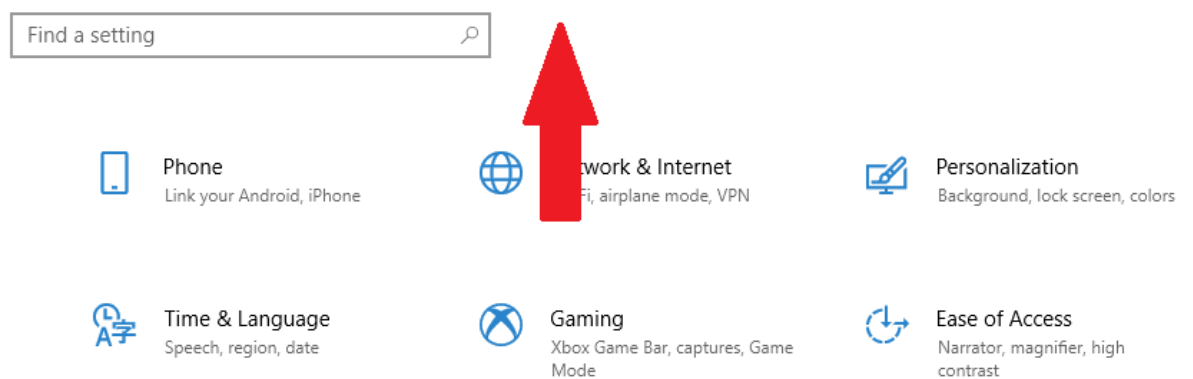
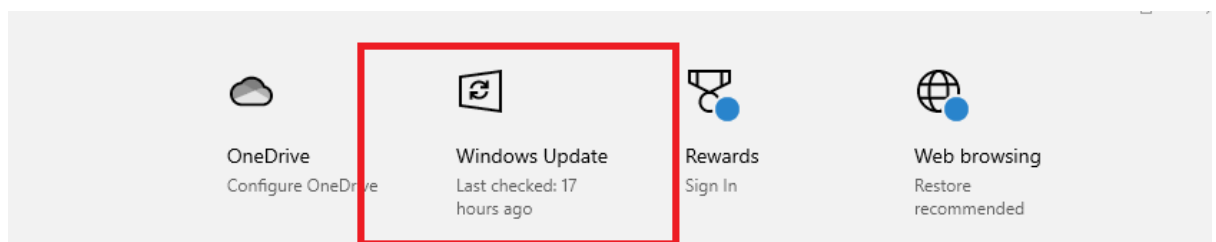
TiWorker.exe issue often occurs when the Window Updates are being installed. The easiest way to get rid of it is to check for Windows updates manually.

Follow these simple steps to check for updates:

- Go to the start menu and click on settings.





- Select Window update. Search for Window update from the start menu if you can't see it.



- In the right pane, find the Check for Updates button. If your PC is already undergoing a Windows Update, this option is not available.

Windows Update

 You're up to date
Last checked: Yesterday, 1:25 PM


 Check for updates


[View optional updates](#)

Adjust active hours to reduce disruptions

We noticed you regularly use your device between 11:00 AM and 12:00 AM. Would you like Windows to automatically update your active hours to match your activity? We won't restart for updates during this time.

[Turn on](#)

 **Pause updates for 7 days**
Visit Advanced options to change the pause period

 **Change active hours**
Currently 8:00 AM to 5:00 PM

- After the check and installation process is complete, restart the PC.

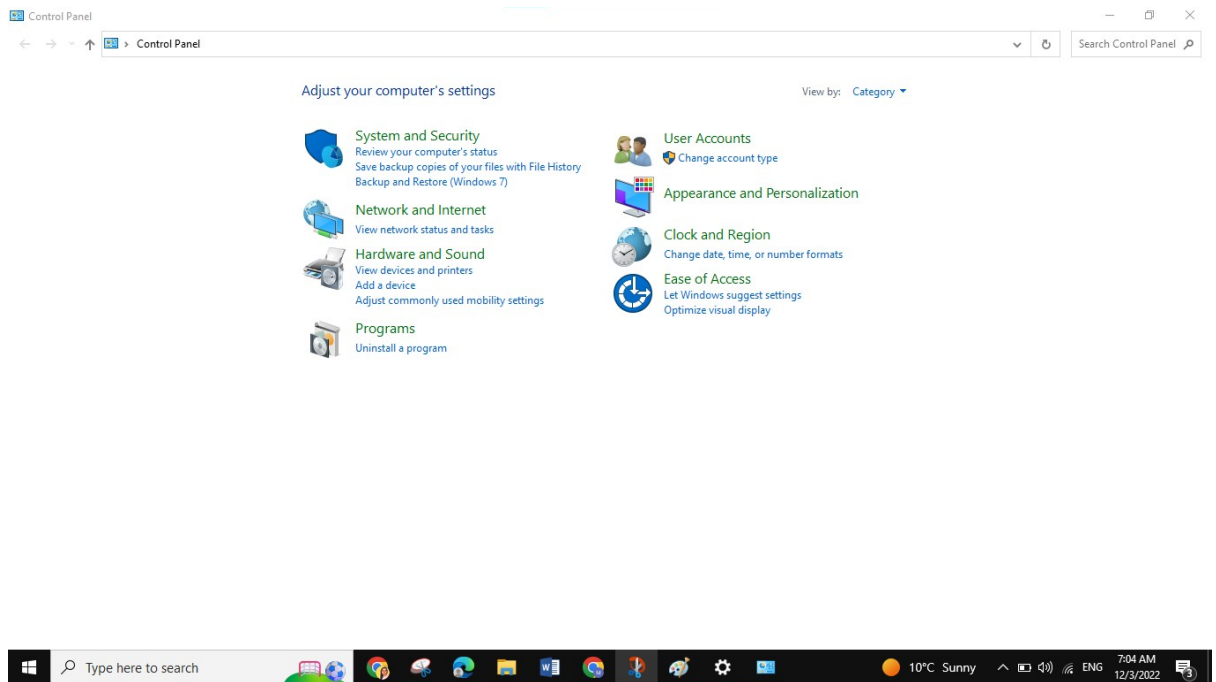
Check the Task Manager again to see if the Tiworker.exe issue has been resolved or if the high CPU and disk usage is still present. If the issue still persists, step to the next way.

4. Use the Windows Update Troubleshooter

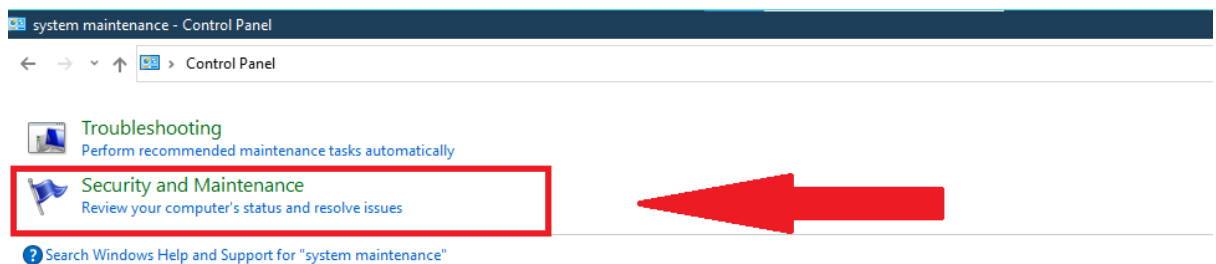
To cope with Windows Update issues, the official windows update maintenance troubleshooters tool comes with other Windows features.

To use the Window Update troubleshooter for fixing the Tiworker.exe issue. Follow these steps.

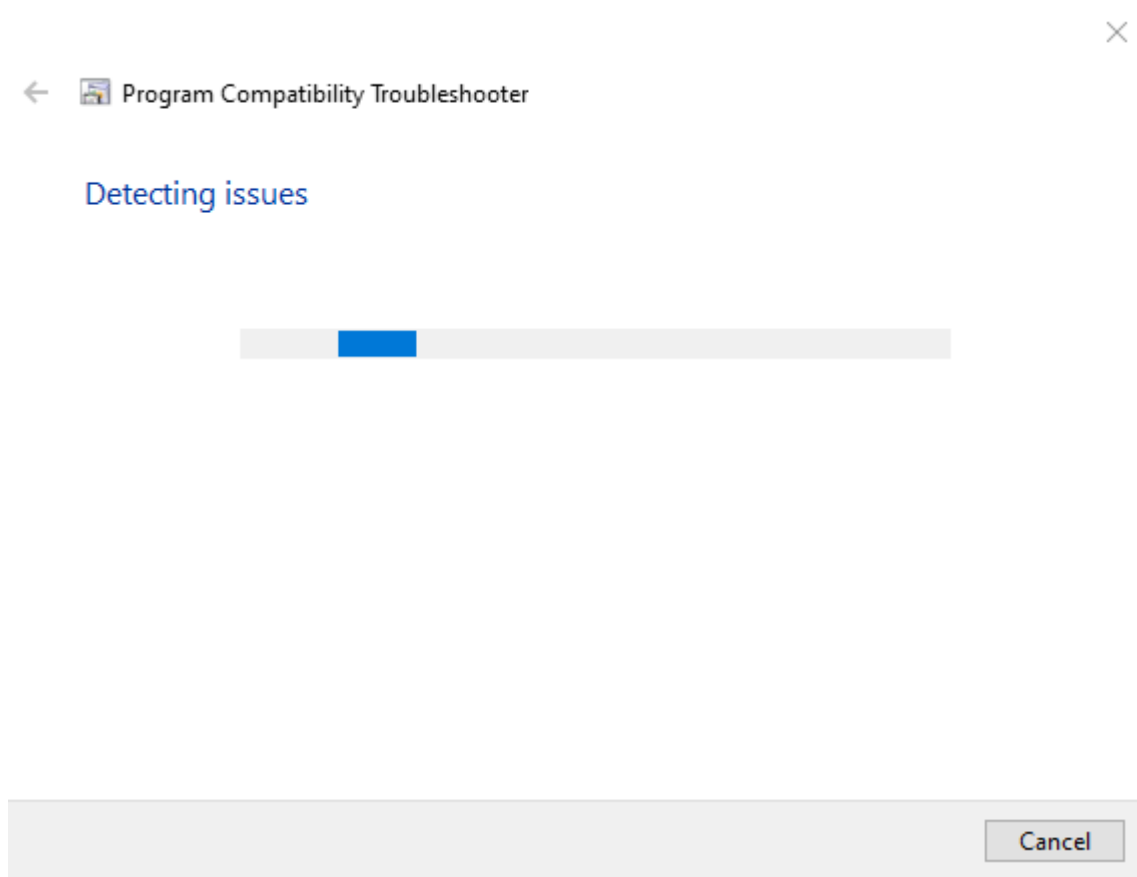
- Open the Start menu and select the control panel from the list. If you can't find then type Control panel in the search bar.



- Type system maintenance in the control panel search bar. Click on troubleshooting to perform recommended maintenance.



- Click on next. Automatic scanning of a system for errors starts, and Windows Update is included in it. Windows will detect the issue with Tiworker.exe and will try to resolve it.



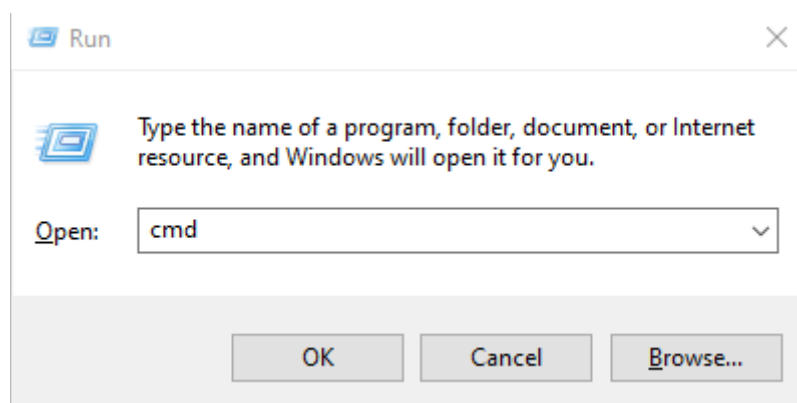
5. Scan for Corrupted Files

Sometimes Windows Update is not the factor leading to the Tiworker.exe issue. A random corrupted file can make the taskbar unresponsive. The solution for such files is present inside windows. Windows scans and fixes the files automatically.

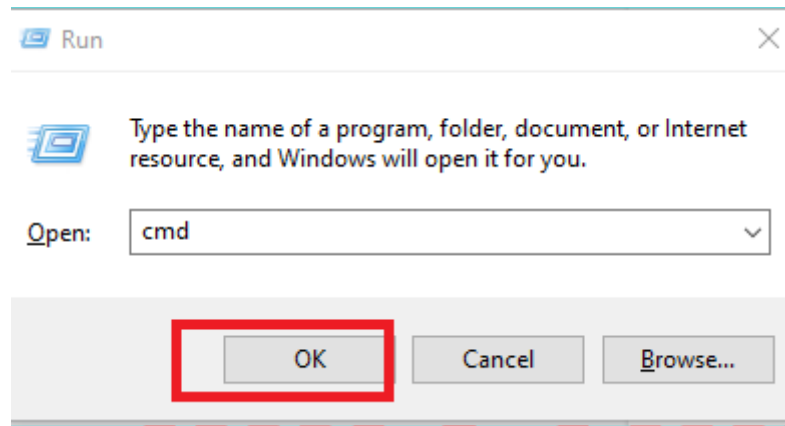
You need to use System file checker (SFC) and Deployment Image Servicing and Management (DISM) tools from the command prompt.

To remove corrupt files, follow these simple steps:

- Press Windows + R keys and then type cmd in the Run command dialogue box.



- Press Ok to run the Command Prompt. You will need an administrator account for this.



- If you are not an administrator, go to start and search for the command prompt.

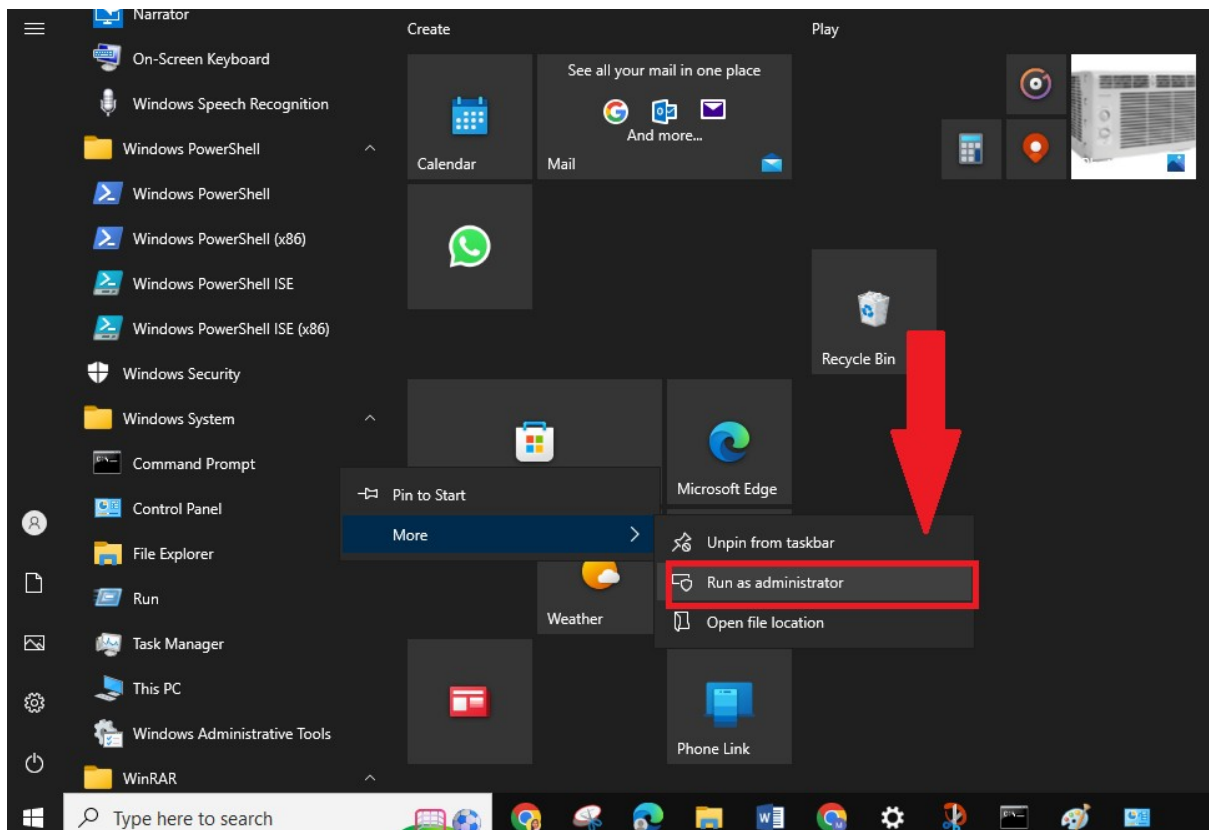
```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Moattar Khalid>
C:\Users\Moattar Khalid>sfc/scannow

You must be an administrator running a console session in order to
use the sfc utility.

C:\Users\Moattar Khalid>
```

- Select run as administrator.



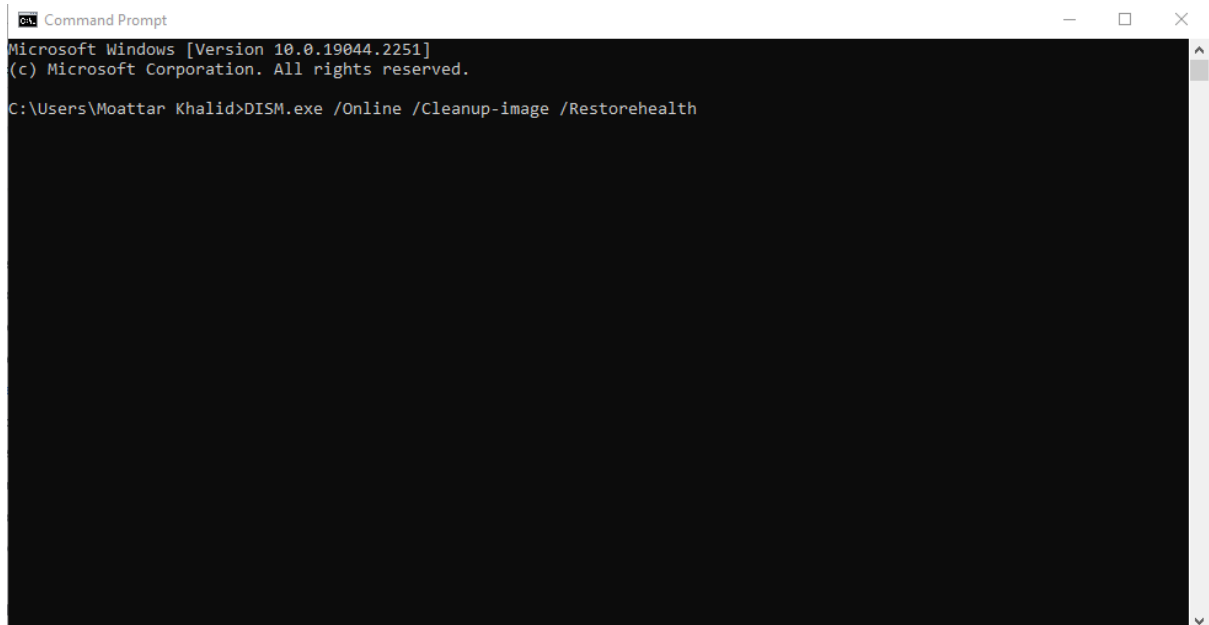
- Type `sfc/scannow` at the prompt and press Enter. The scan will take a few seconds to run.

```
Administrator: Command Prompt - sfc /scannow
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32> sfc/scannow

Beginning system scan. This process will take some time.
Beginning verification phase of system scan.
```

- Reboot your PC once the scan is finished.
- If the problem still persists, run DISM. Go back to the Command Prompt and type `DISM.exe /Online /Cleanup-image /Restorehealth`.

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The window content shows the following text: "Microsoft Windows [Version 10.0.19044.2251] (c) Microsoft Corporation. All rights reserved. C:\Users\Moattar Khalid>DISM.exe /Online /Cleanup-image /Restorehealth". The command prompt is currently at the end of the command line, waiting for input. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
Command Prompt
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Moattar Khalid>DISM.exe /Online /Cleanup-image /Restorehealth
```

- Reboot the PC once the process comes to an end.

6. Exclude TiWorker.exe From Antivirus Software

Though Tiworker.exe is a legitimate window process, the Antivirus programs or Window defender itself reacts negatively towards it. So, the simplest way to fix it is to exclude Tiworker.exe from the antivirus software.

Follow the following steps to get rid of the Tiworker.exe issue by removing it from Antivirus access.

- Find the folder path to Tiworker.exe first. For this, open the task manager and right-click Tiworker.exe in the details tab.

Task Manager

File Options View

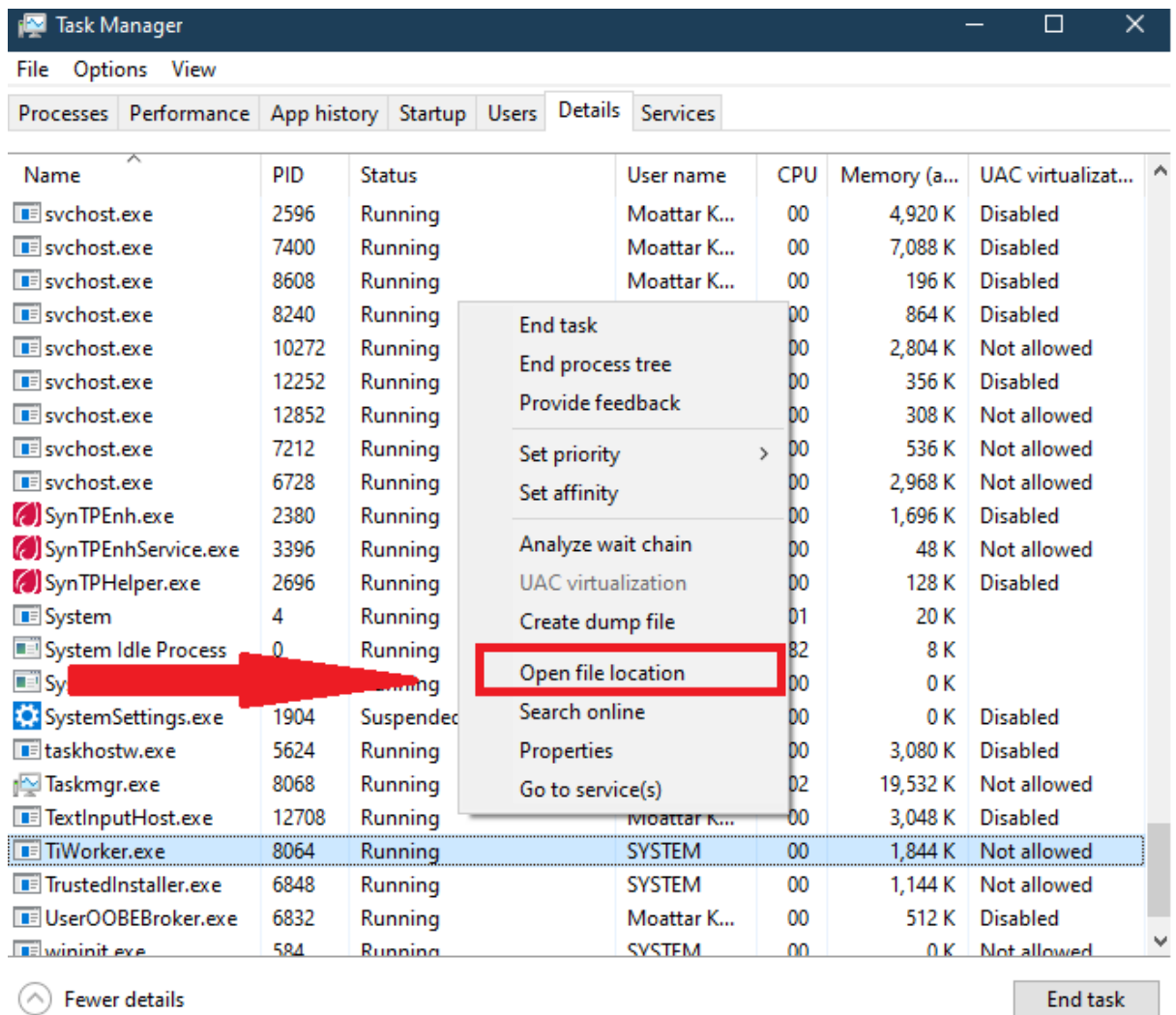
Processes Performance App history Startup Users Details Services

Name	PID	Status	User name	CPU	Memory (a...	UAC virtualizat...
svchost.exe	2596	Running	Moattar K...	00	4,920 K	Disabled
svchost.exe	7400	Running	Moattar K...	00	7,088 K	Disabled
svchost.exe	8608	Running	Moattar K...	00	196 K	Disabled
svchost.exe	8240	Running		00	864 K	Disabled
svchost.exe	10272	Running		00	2,804 K	Not allowed
svchost.exe	12252	Running		00	356 K	Disabled
svchost.exe	12852	Running		00	308 K	Not allowed
svchost.exe	7212	Running		00	536 K	Not allowed
svchost.exe	6728	Running		00	2,968 K	Not allowed
SynTPEnh.exe	2380	Running		00	1,696 K	Disabled
SynTPEnhService.exe	3396	Running		00	48 K	Not allowed
SynTPHelper.exe	2696	Running		00	128 K	Disabled
System	4	Running		01	20 K	
System Idle Process	0	Running		82	8 K	
System interrupts	-	Running		00	0 K	
SystemSettings.exe	1904	Suspended		00	0 K	Disabled
taskhostw.exe	5624	Running		00	3,080 K	Disabled
Taskmgr.exe	8068	Running		02	19,532 K	Not allowed
TextInputHost.exe	12708	Running	Moattar K...	00	3,048 K	Disabled
TiWorker.exe	8064	Running	SYSTEM	00	1,844 K	Not allowed
TrustedInstaller.exe	6848	Running	SYSTEM	00	1,144 K	Not allowed
UserOOBEBroker.exe	6832	Running	Moattar K...	00	512 K	Disabled
wininit.exe	584	Running	SYSTEM	00	0 K	Not allowed

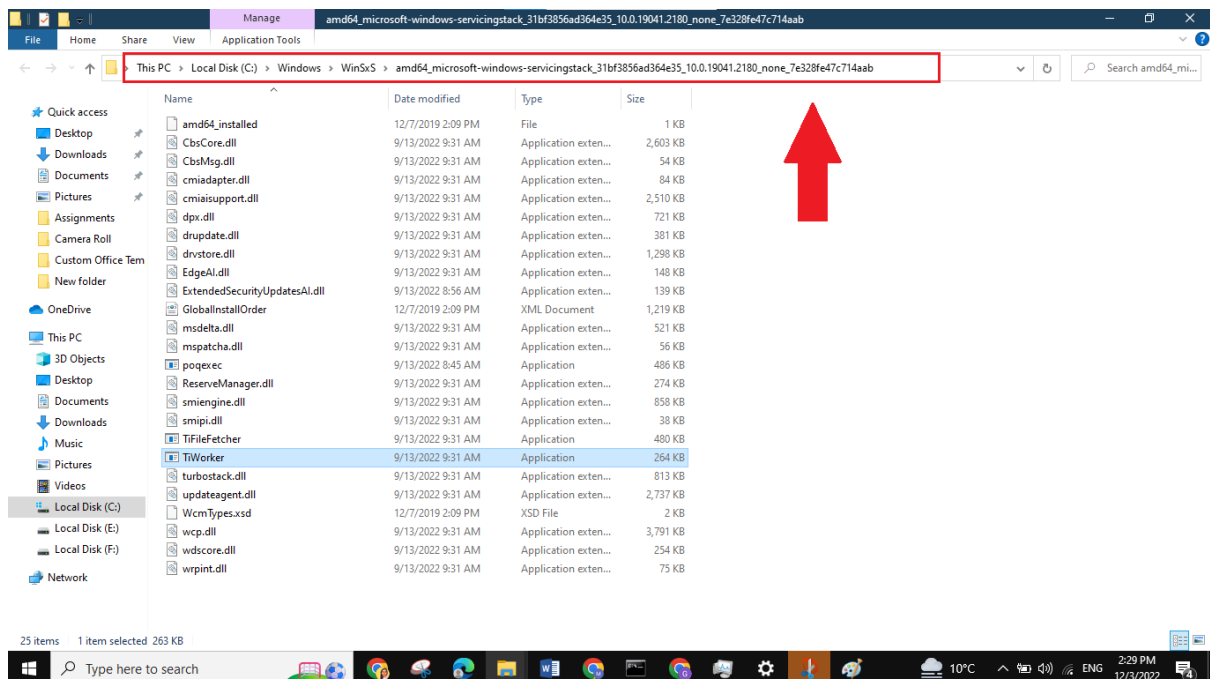
End task
End process tree
Provide feedback
Set priority >
Set affinity
Analyze wait chain
UAC virtualization
Create dump file
Open file location
Search online
Properties
Go to service(s)

^ Fewer details End task

- Click on Open file location.



- Copy the location at the top.



- Add the address to the antivirus exclusion list.

The steps for this process may differ for different antivirus software.

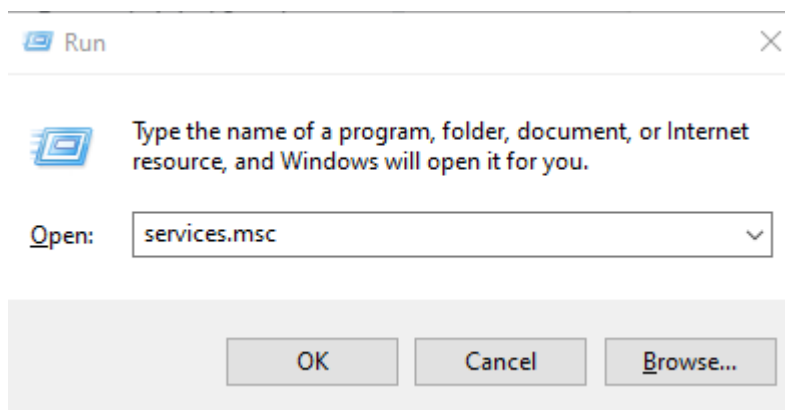
7. Clear the Software Distribution Folder

The most time-consuming and extensive way to get rid of Tiworker.exe is high CPU and disk usage issues. Moreover, if the fixes above fail to work, this is highly effective. The updates are stored in Software Distribution Folder on your PC. Window Update may not respond correctly if any file in the folder becomes corrupted.

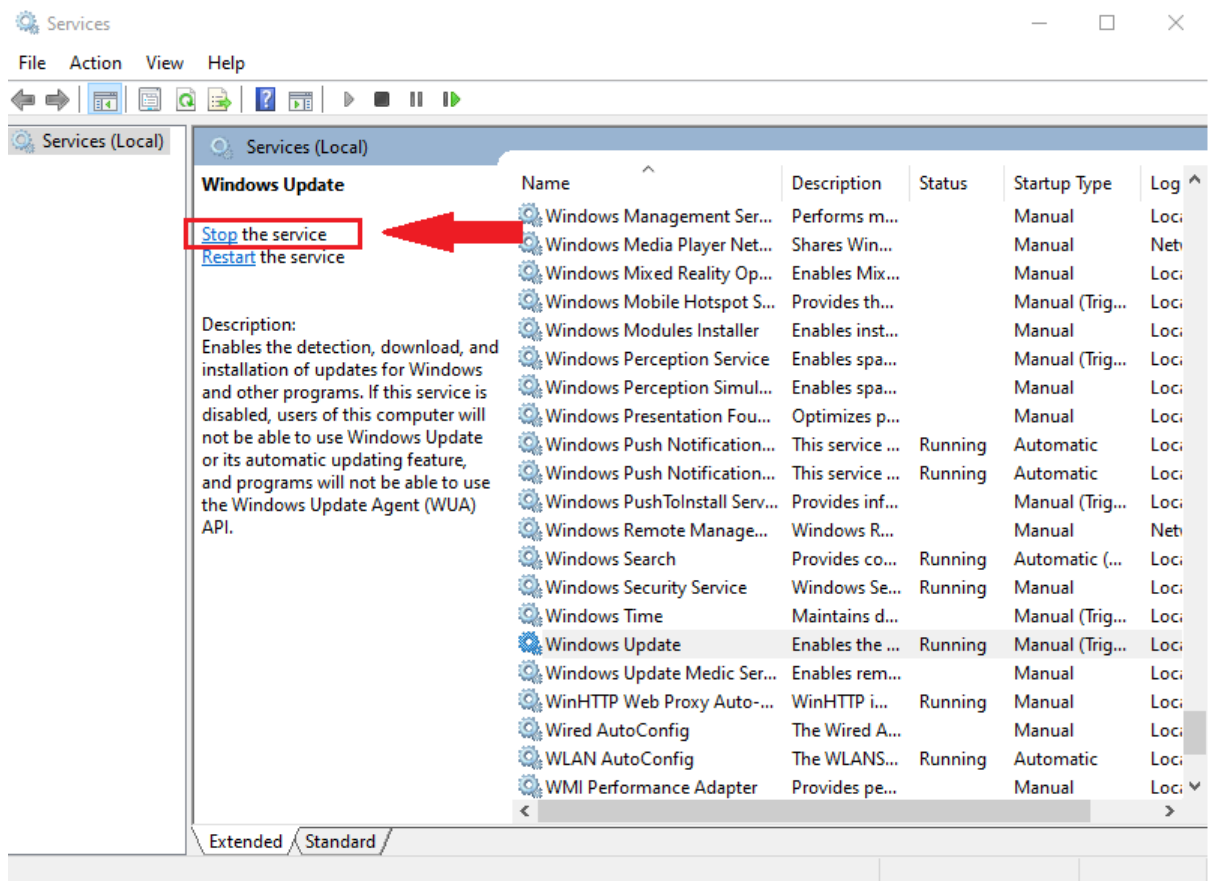
So, you have to force window Update to re-download the updates in the Software Distribution folder. This way works efficiently to get back your files in case Windows updates fail to reinstall collectively.

Before performing this process, make sure to back up your files. Follow the following steps to clear the software distribution folder.

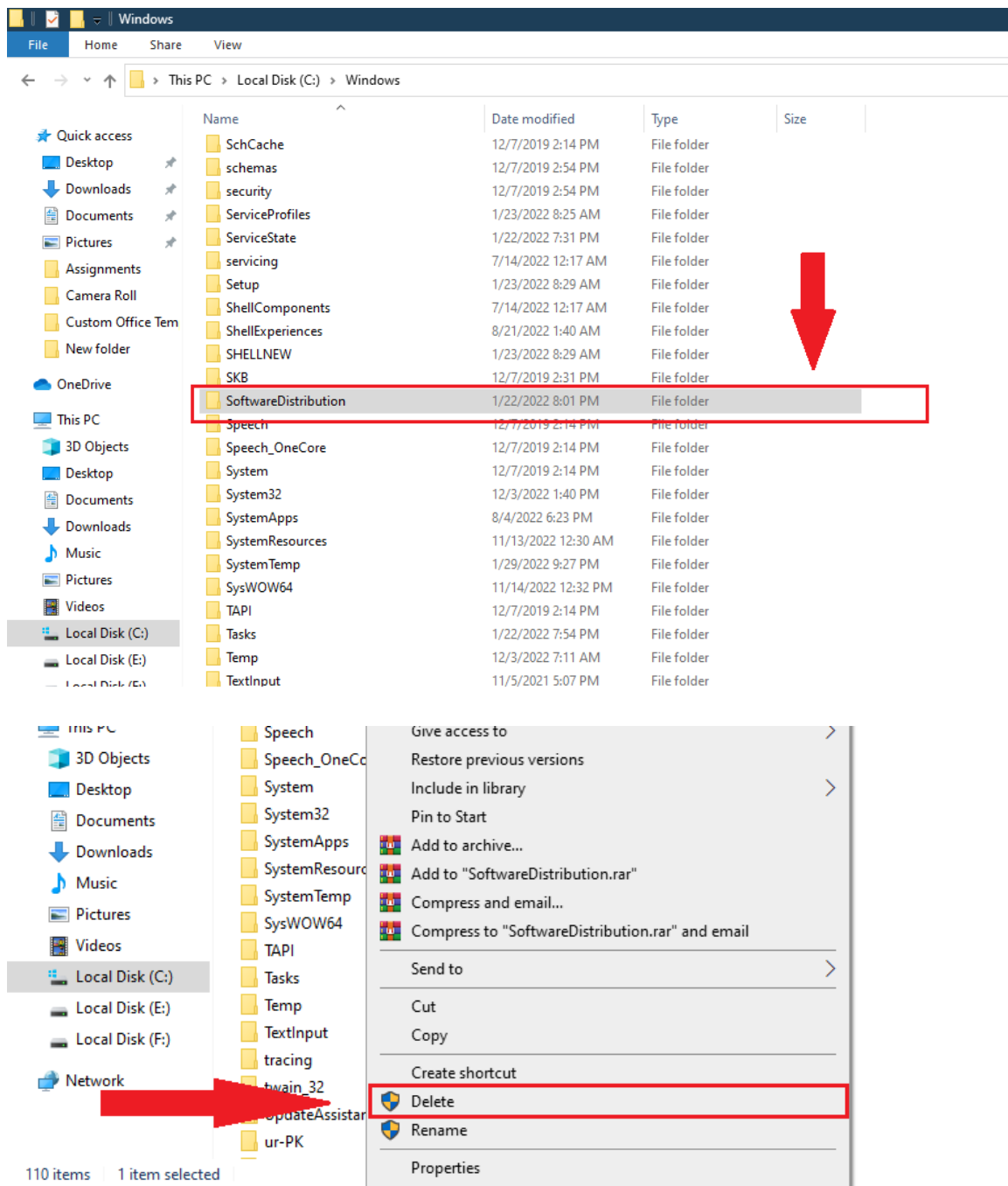
- Open the run command dialogue by pressing Windows + R keys simultaneously. Type services.msc in the run command bar.



- Right-click the window update. Select stop from the list. The update service would stop.



- Navigate the drive where windows are installed. You can use File explorer for that. However, for most of the users, it is drive C.
- Go to the Windows folder and locate Software Distribution. Copy the folder to USB for safety. After that, delete the content of the folder.



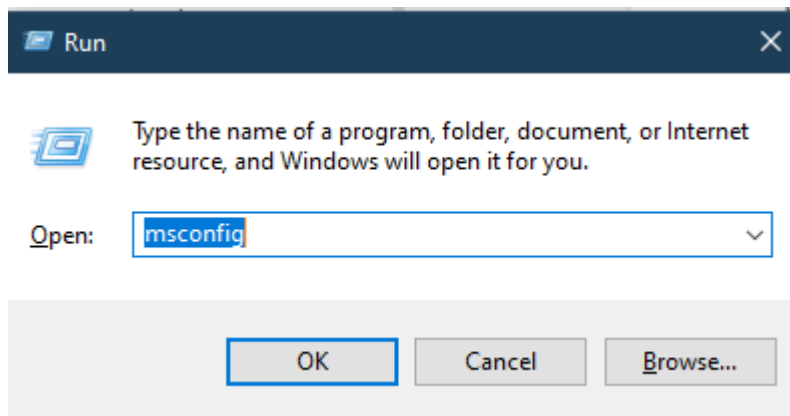
- Restart your PC and open the taskbar to see whether the Tiworker.exe issue is resolved or not.

When you start your PC windows, start checking for updates. However, it should not use CPU or disk system resources. Preparing for a few rounds of system updates is recommended because how much is stored in the folder is unknown.

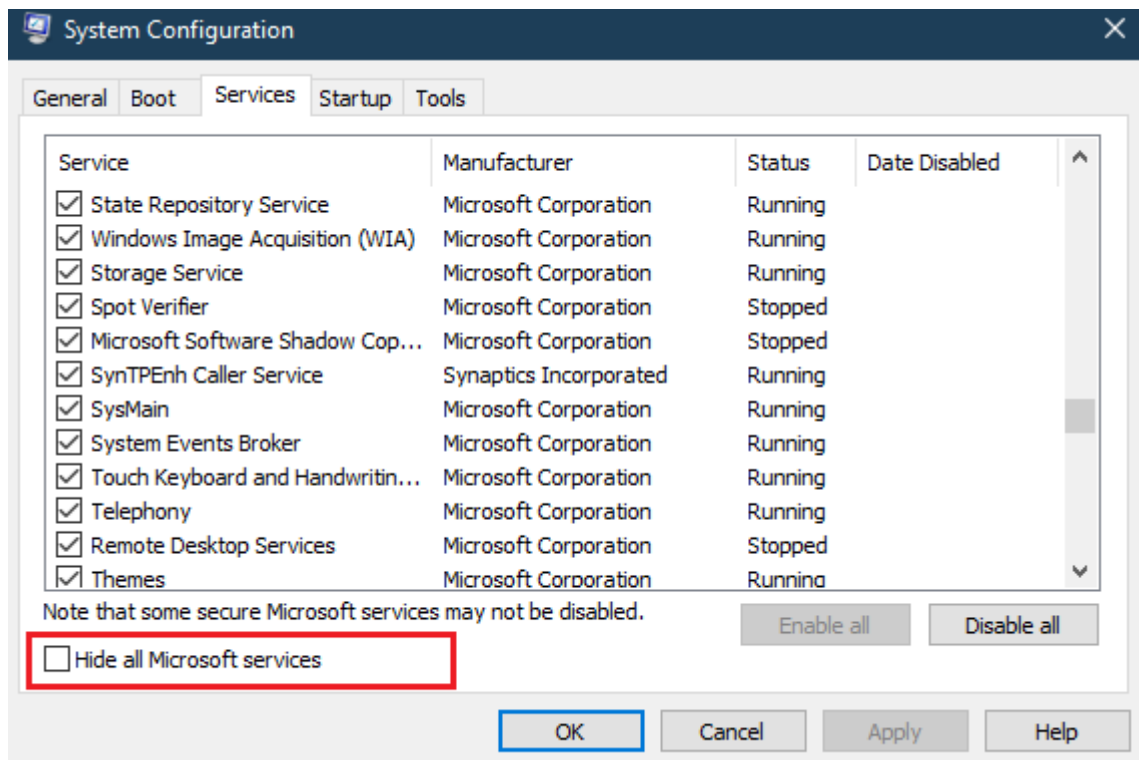
8. Perform a Clean Boot

Performing a clean boot can help to get rid of Tiworker.exe high disk usage issue. Follow these steps to apply this fix.

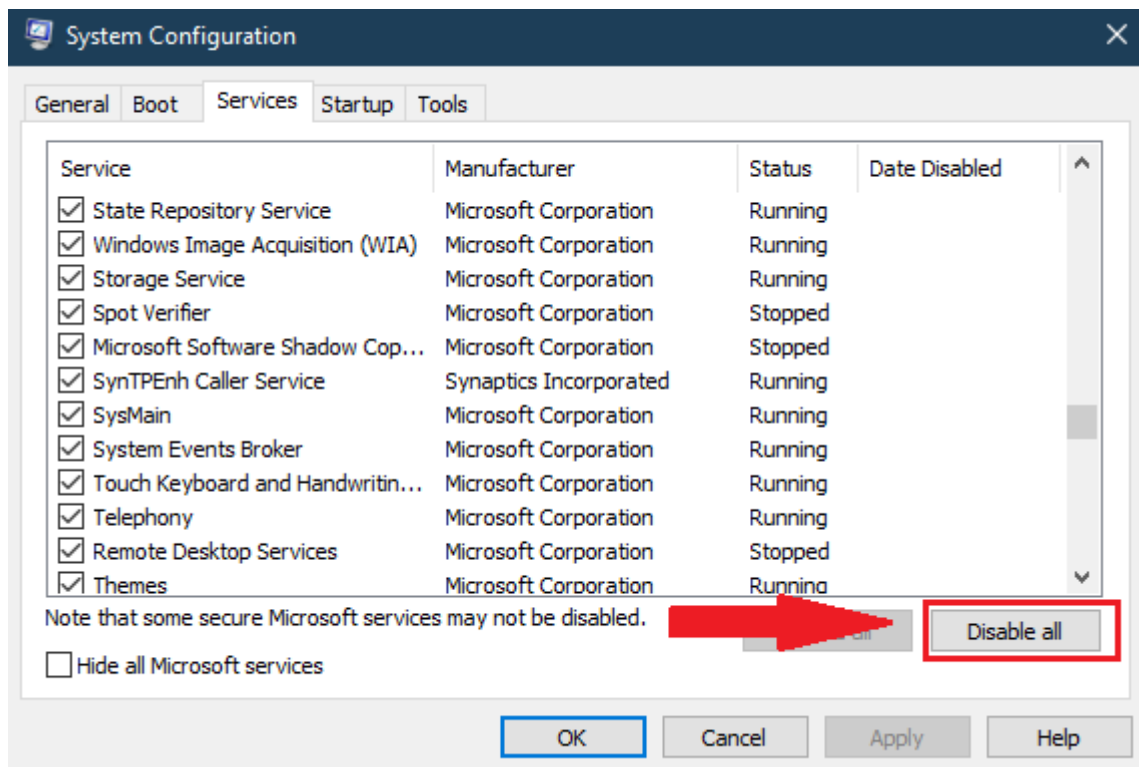
- Press Windows+ R to open the run dialog box, enter msconfig, and click OK to execute the command.



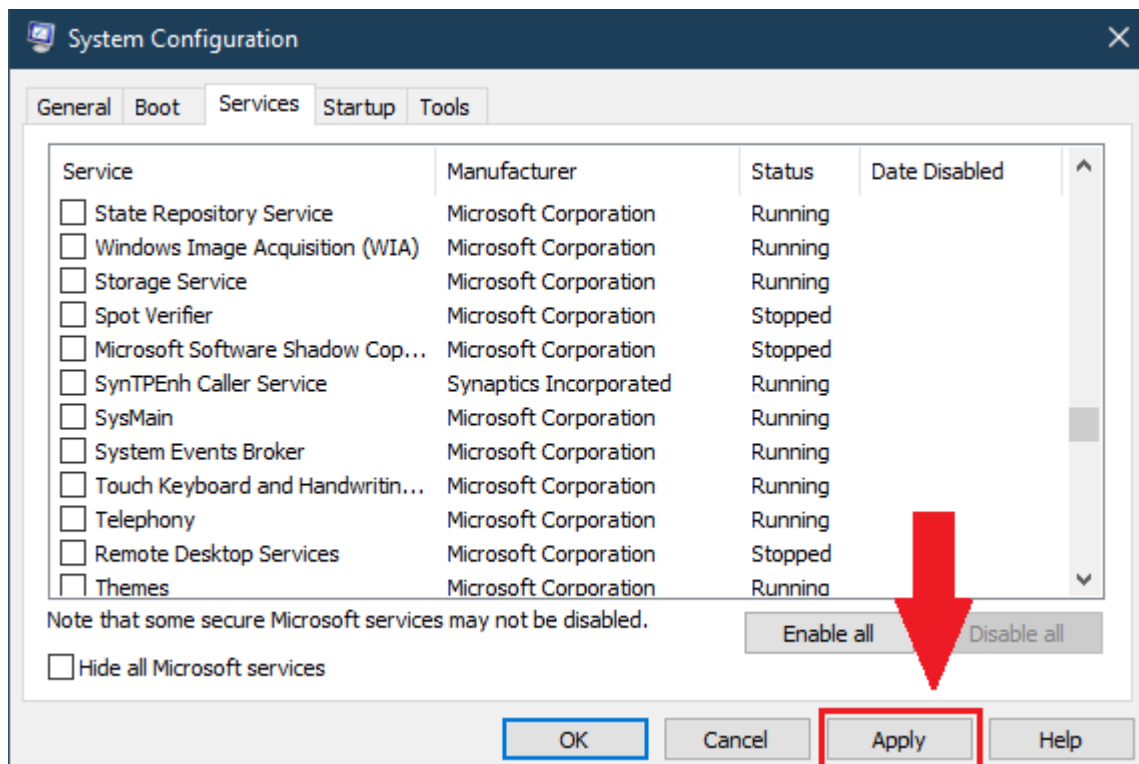
- Go to Services and locate the Hide all Microsoft Service option.
- Click on Disable all.
- Go to the Startup tab and select open task manager.



- Right-click the first application on the list. Choose Disable from the menu and repeat the step for all applications.



- Go to system configuration. Click on Apply. Select Ok,



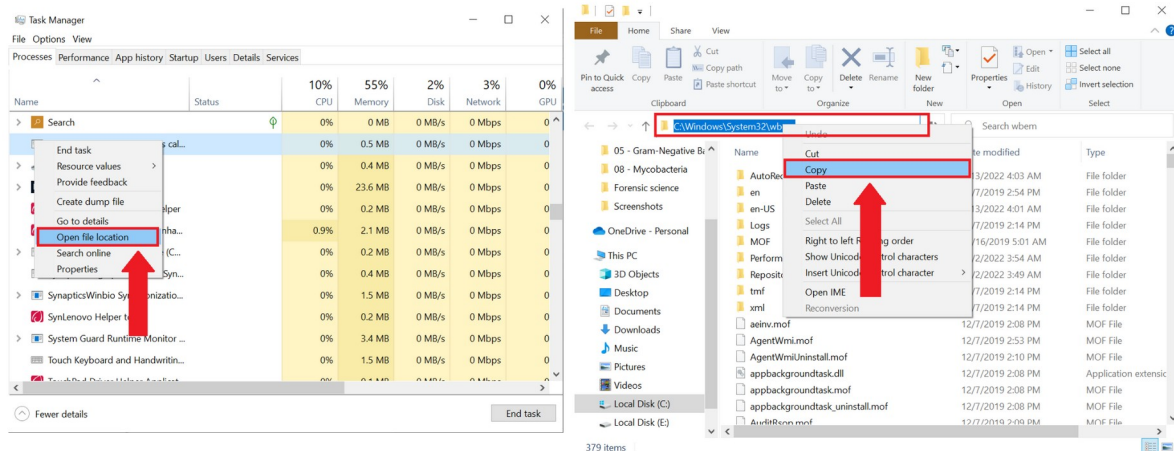
- Restart your PC to check if the issue is fixed or not.

9. Exclude Tiworker from Windows Defender

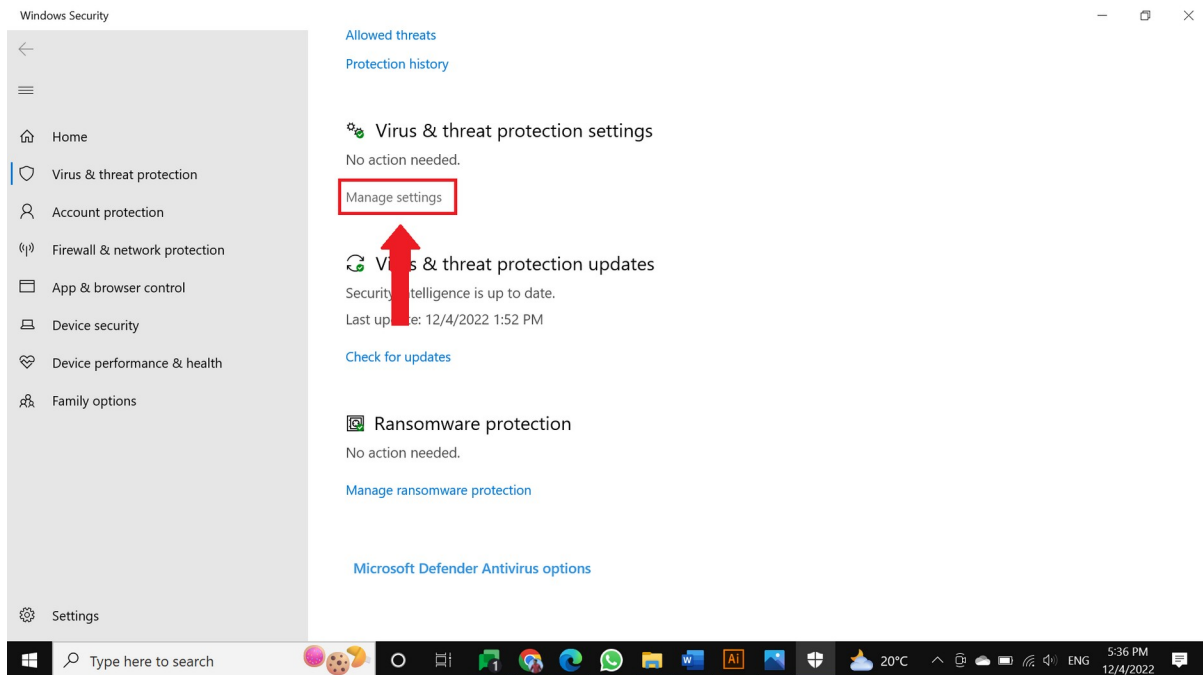
Follow these steps to exclude Tiworker from Windows Defender.

- Open task manager by right clicking on the **Start** button and locating **Task Manager**

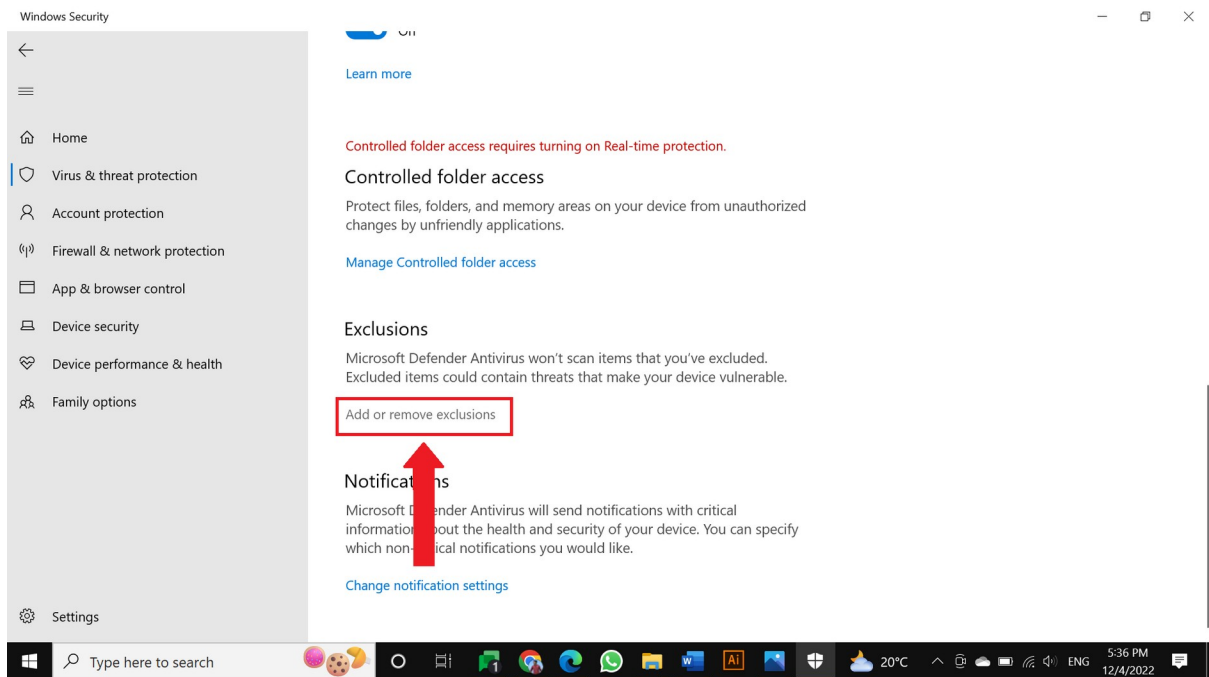
- Now scroll and locate **Tiworker.exe** and right click on it to go to **Open File Location**
- Click on the pathway above and copy the whole directory by either clicking on CTRL + C or right clicking on Copy



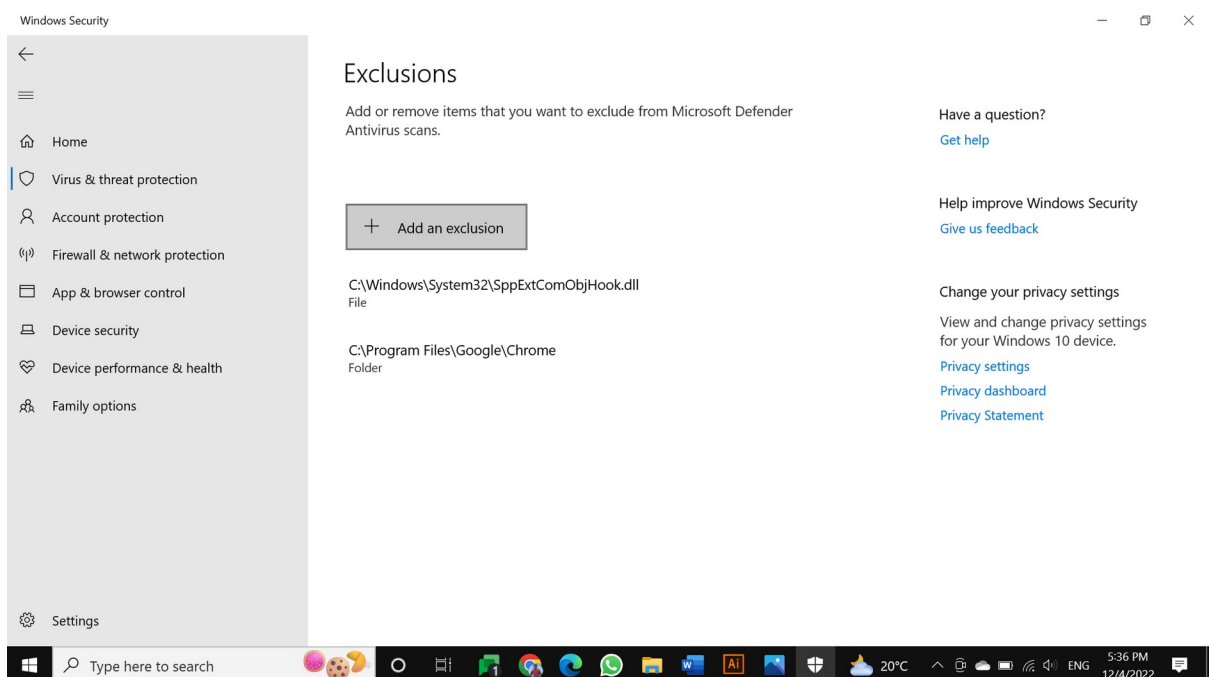
- Search **Virus and Threat Protection** and click on it.
- Scroll down to **Manage Settings**.



- Scroll down and click on **Add or Remove Exclusions**



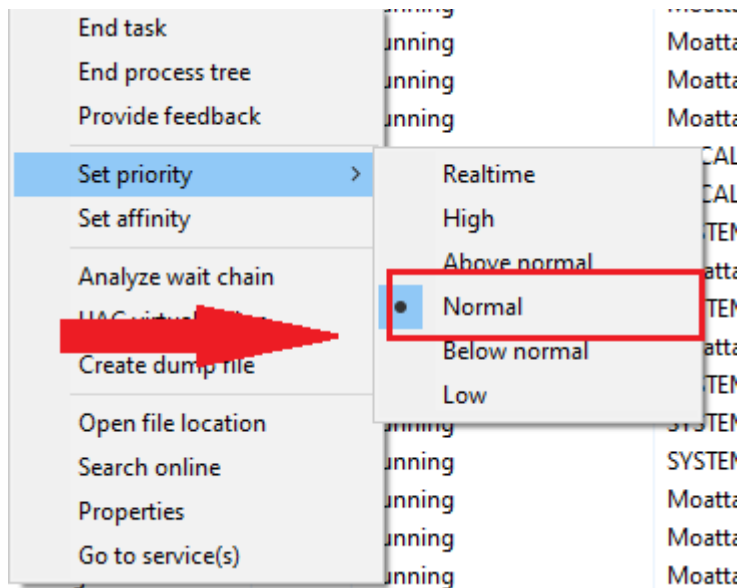
- Click on **Add an Exclusion** and paste the directory on the bar above. Click **Add** to finally add the exclusion.



10. Reduce the TiWorker process priority

TiWorker.exe only utilizes your resources while updating the windows. However, if you note high CPU and disk usage, you can prevent Tiworker.exe from eating away your resources by changing the priority.

- Press Window + X and open the task manager. Go to the details tab and locate TiWorker.exe.
- Right-click the process and select Set Priority. Set the priority to low.



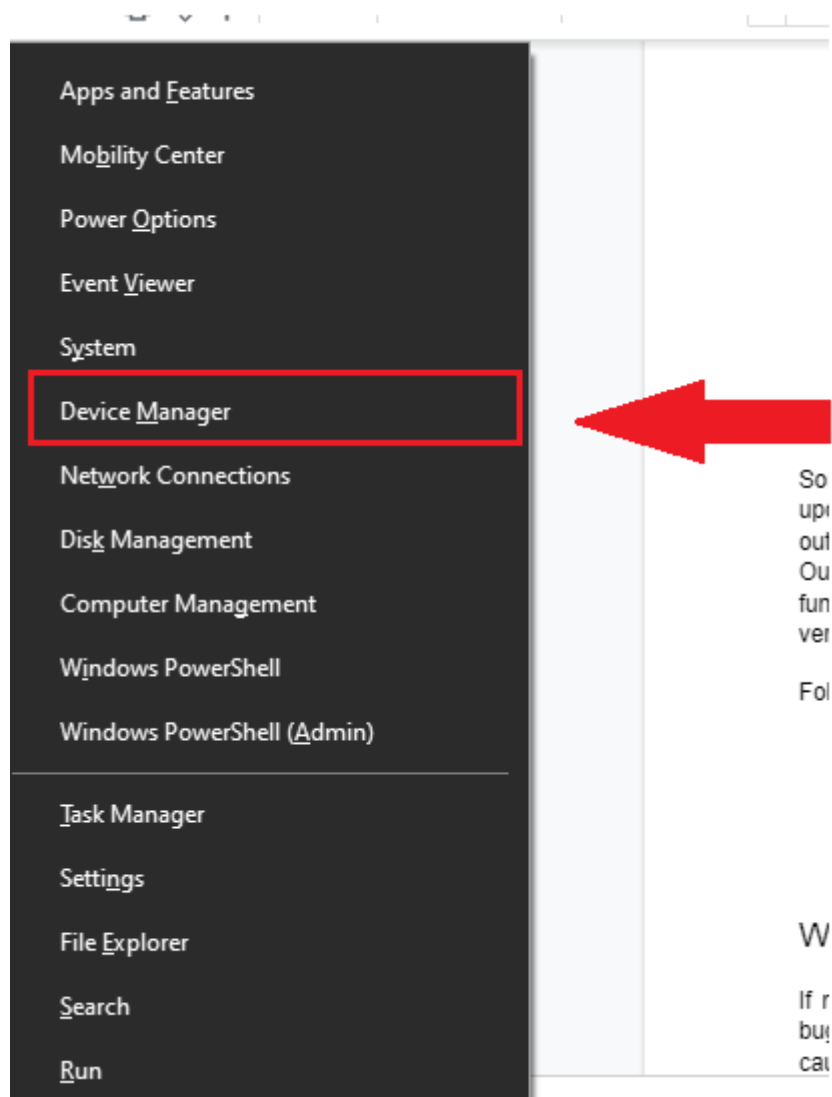
11. Update Drivers

Sometimes outdated drivers are the root cause of problems that you face regarding window updates. In this case, you should check for the driver's availability and update the corrupt or outdated driver.

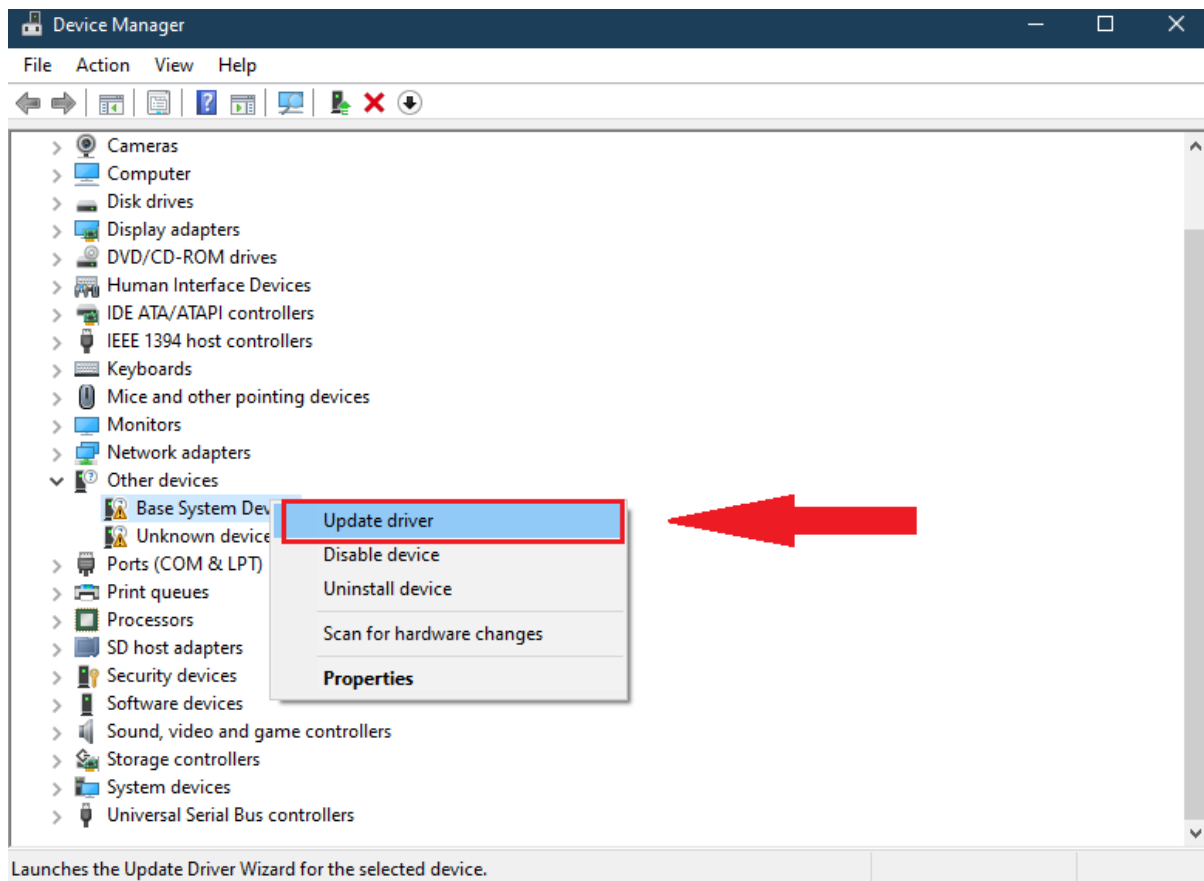
Outdated drivers often have bugs in them. When they are not updated for a longtime, the functionality of your device declines. Though windows update automatically installs the latest version of the drivers, you can do it manually too.

Follow these steps to apply this fix:

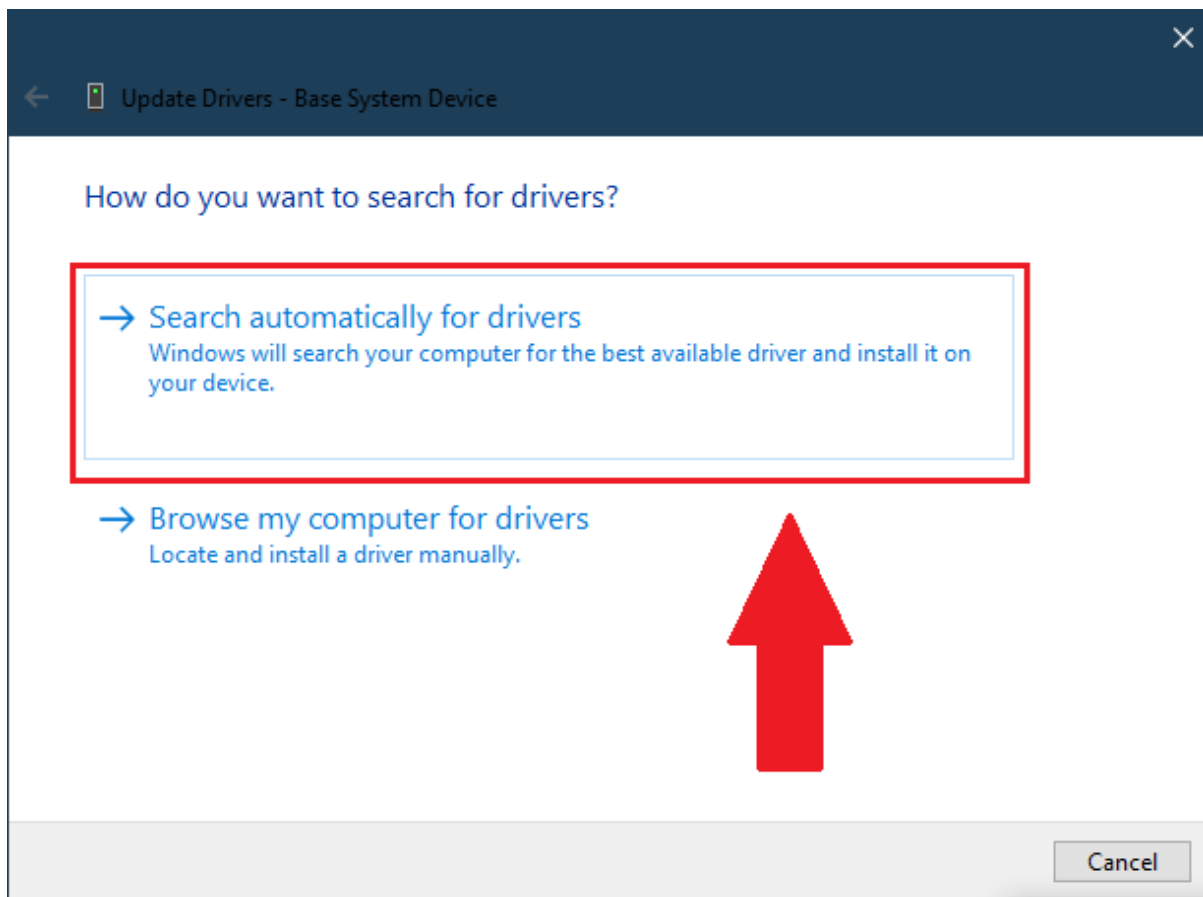
- Press Window + X to launch the device manager.



- Look for the driver with a yellow exclamation mark. Click on expand. Right-click on the driver and choose update driver.



- Click on search automatically for updates.



- Wait for Windows to download the latest driver version.

What to do if none of the above fixes work?

If none of the above fixes work, it means your PC requires a new Windows. Due to several bugs, malware, and corrupted system files, windows OS fails to work properly. This not only causes a decline in the health of your PC but also causes performance issues.

Installing updates and scanning through window defenders cannot help eliminate the issues related to corrupted or malicious windows. In this case, installing a new copy of Windows is the only solution. If you face the same issue with a new copy of Windows, you may have hardware issues and take your PC to a specialist.

Conclusion

TiWorker.exe is a process related to the windows update service that keeps a check on updating, installing, and removing Windows updates. It only uses the resources while updating installation. However, in case of issues, it starts eating up resources and results in high CPU and disk space usage.

The fixes to get rid of TiWorker.exe issues are given in the article. If neither of them can help you, then installing windows from the Microsoft Official Website is the only solution.