

How to fix computer crashes, Windows not responding

Before you fix the Windows not responding error, the computer crashes, you need to find the cause. Here are some causes of the Windows Not Responding error and how to fix it, for your reference.

There are many causes of **computer crashes** . After a long time of use with high capacity, your computer may be 'tired', then turn off your computer for a while to let it rest and continue using. If you still can't **fix the computer crashes, Windows not responding** , then try the ways below.



Fix computer crashes, fix Windows not responding error

There are many causes of computer crashes ranging from software errors to hardware errors in your computer. When the computer crashes, it is often accompanied by the message "Windows not responding" and you can only reset Windows to turn off this error, but when restarting, Windows still has it, what will you do? Learn the causes as well as how to handle computer crashes in the content below of Taimienphi.vn.

List of crashes and how to fix it:

Method 1. Check the running application.

Method 2. Scan and remove Virus.

Method 3. Check RAM.

Method 4. Check CPU, Microprocessor.

Way 5. HDD, hard drive is faulty, bad.

Method 6. Check the wires in the computer.

Method 7. Use System File Checker Scan.

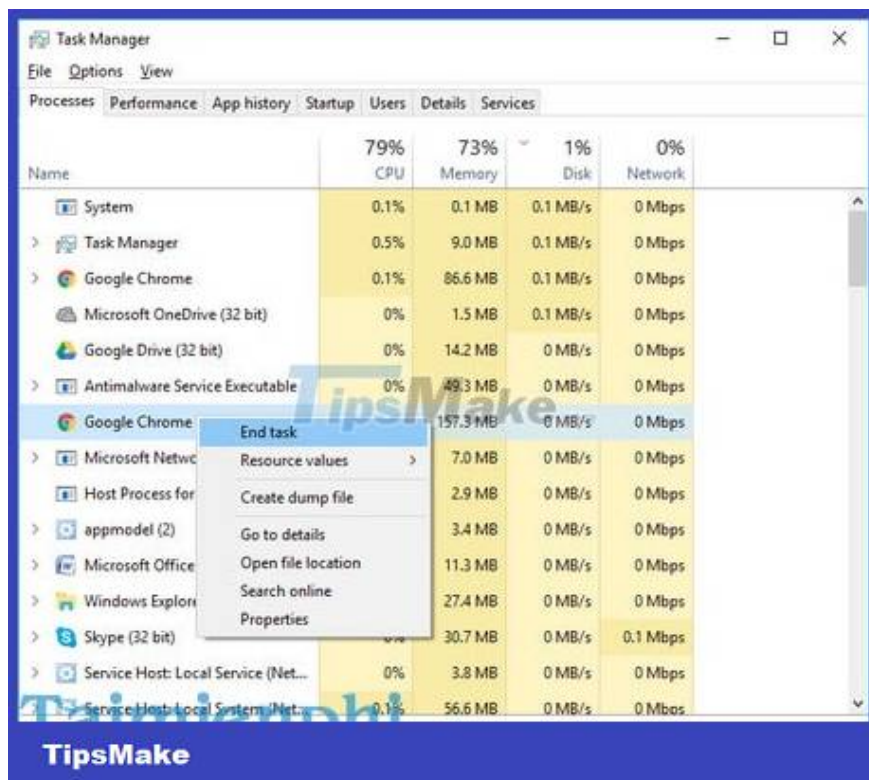
Method 8. Use Clean Boot.

Method 9. Use Troubleshooter.

Fix computer crashes, fix Windows not responding error

Method 1: Check running applications

If your computer freezes, hangs but your mouse pointer is still active but absolutely cannot click or open any application, press **Ctrl + Alt + Del** and open **Task Manager** to check if which applications take up a lot of RAM, CPU or Disk memory and **End Task** but the process is not needed.



Method 2: Scan and remove Virus

Viruses are also the main cause of system errors, slow computers, etc. In the process of using, getting infected with viruses is unavoidable. Therefore, to protect your data as well as prevent viruses from entering the system, please pre-install and use some anti-virus tools such as Avira completely free or the world's No. 1 antivirus tool Kaspersky.

Method 3: Check RAM

RAM (Random Access Memory) is temporary storage memory on the computer, if you use many heavy applications at the same time, causing the RAM memory to be full, it will cause the computer to hang. However, if you use light software and your computer suddenly crashes, it may be because your RAM is the problem.



To fix the computer that crashes due to RAM, use Memtest86 to check first if your RAM is faulty or not. In case there is no problem, try removing the computer case and cleaning the RAM then reinstalling it exactly according to the ram slot.

See also: **How to fix broken computer mouse error, jumping around**

Method 4: Check CPU, Microprocessor

After a long time using the computer, your components also weaken and need to be replaced. Therefore, the management of many CPU processes is no longer as 'smooth' as before, causing crashes and system errors. In addition, if the CPU is not faulty, overheating will also cause your CPU to not be able to function as it should. You can use CPUID HWMonitor to check the temperature of the CPU, if your CPU is too hot (>60 degrees Celsius) you should remove the machine and check the CPU fan, apply thermal paste to help the CPU cool.



Method 5: HDD, hard drive is faulty, bad

Very few people will pay attention to the bad HDD, hard drive. HDD is an important piece of hardware that helps us store data, right from the moment you turn on the machine, you have used and extracted data from the HDD. Therefore, a faulty hard drive is also the main cause of computer crashes. You should scan for bad regularly with the **HDD Generator** tool to ensure your hard drive is working smoothly.

Method 6: Check the wires in the computer

Loose hardware connection ports will cause the computer to flicker and lead to crashes. In this case, re-plug all the cables and ports on the desktop.

In addition, the power supply is flickering, the capacity is not enough to supply all the components of the computer will also cause the machine to hang or not achieve the desired performance. To fix it, you need:

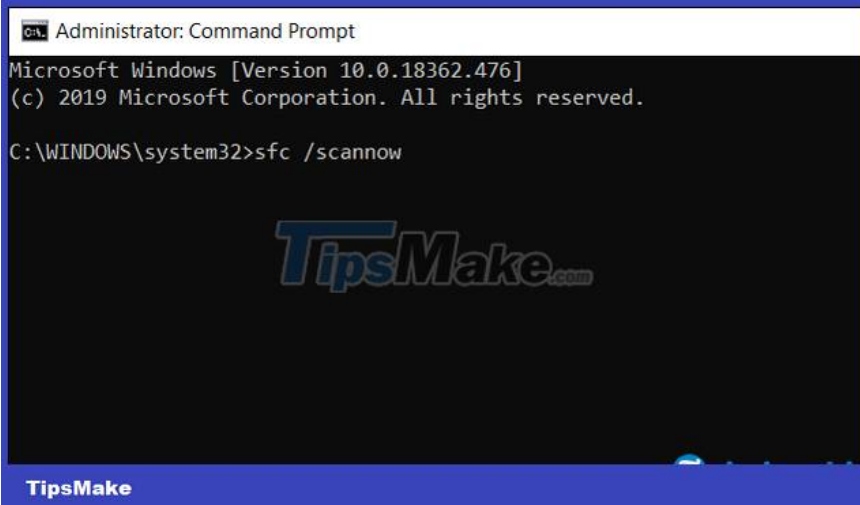
- Always make sure your computer is plugged into a stable power source.
- Try the computer at different electrical outlets in the house.
- Plug the computer into an uninterruptible power supply or UPS.
- If it is a desktop computer: Connect the components inside the desktop with different power cables to avoid voltage drop problems.

Method 7: Use System File Checker Scan

Step 1: Press the Windows + CHEAP key combination

Step 2: Type in the search bar the text: **cmd** -> Click **OK**

Step 3: When the Command Prompt window appears, type the command: **sfc /scannow** -> Press **Enter**. At this time, System File Checker Scan will scan the entire computer and detect frozen files, then automatically repair these files.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.18362.476]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>sfc /scannow
```

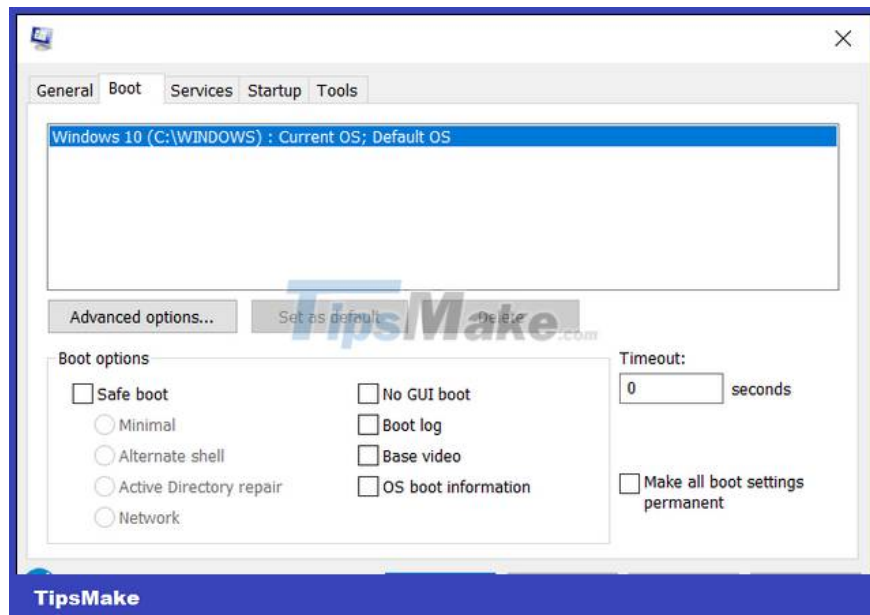
The screenshot shows a black Command Prompt window with white text. The title bar reads "Administrator: Command Prompt". The text inside the window shows the Windows version and copyright information, followed by the command prompt path and the command "sfc /scannow" being entered. A large, semi-transparent "TipsMake.com" watermark is visible in the center of the window. At the bottom of the window, the "TipsMake" logo is displayed.

Method 8: Use Clean Boot

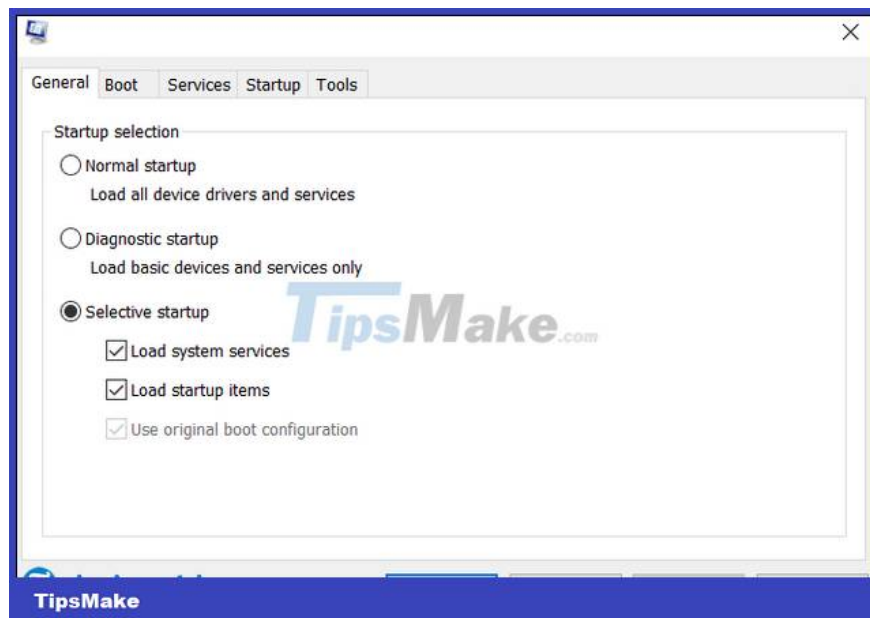
Step 1: Press the Windows + CHEAP key combination

Step 2: Type in the search bar the text: **msconfig** -> Click **OK**

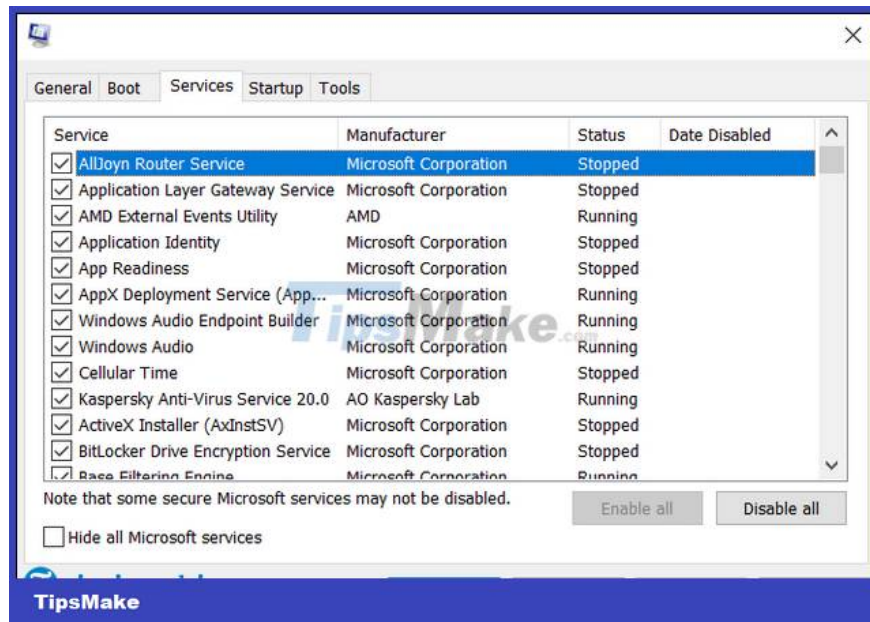
Step 3: Find the **Boot** tab -> Uncheck the box **Safe boot** -> Click **OK**



Step 4: Select the **General** tab -> Check the box **Selective startup** -> Uncheck the box **Load startup items**



Step 5: Find the **Services** tab -> Check **Disable all**

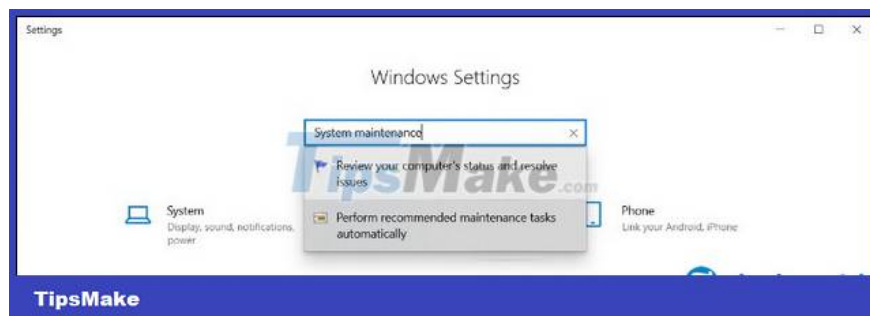


Method 9: Use Troubleshooter

Step 1: Press Windows + I key combination

Step 2: Type in the search bar with the content: **System Maintenance**

Step 3: Check the box **Perform recommended maintenance tasks automatically**



Step 4: Click Next and follow the instructions that the device asks. After the scan is complete, proceed to restart the computer.

<https://thuthuat.taimienphi.vn/sua-loi-may-tinh-hay-bi-hang-13441n.aspx>

Above Taimienphi has listed the causes and ways to fix computer crashes, freezes during use use. The increasing technology development along with the rapid development of electronic devices entails software and applications that require a powerful configuration to be able to use. If your computer is outdated, you should upgrade your computer soon to keep up with the times. In addition, if you think that your computer does not encounter any errors but has not achieved the desired performance, you can install and use CCleaner, CCleaner software helps you optimize your computer very well. and installing CCleaner and using regular cleaning of the computer is also a good solution to avoid full memory.

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