

How to reduce the memory usage of Firefox

Mozilla Firefox is a secure, reliable and fast multi-process web browser. This tutorial will show you some tips to reduce and / or improve it Firefox's memory usage.

Mozilla Firefox is a secure, reliable, and fast multi-process web browser, providing fast, stable performance and minimal memory usage. However, there are times when it can occupy a lot of memory and errors occur.

This guide will show you some tips to reduce and / or improve Firefox's memory usage.

If you use a Windows PC, the easiest way is to run the Windows Task Manager and check Mozilla Firefox in the **Processes** tab . If it exceeds 2GB and continues to increase without any sign of slowing down, then you probably have a memory leak.

How to reduce the memory usage of Firefox?

1. Restart Firefox
2. Update Firefox
3. Disable themes and extensions
4. Check out Adobe Flash Player and hardware acceleration feature Firefox
5. Delete the corrupted website settings file

Restart Firefox

If you leave Firefox open for an extended period, it tends to use more system resources. To resolve this issue, restart the browser periodically. Configure Firefox to save windows and tabs so that when you restart your browser, you will be taken back to the previous session.

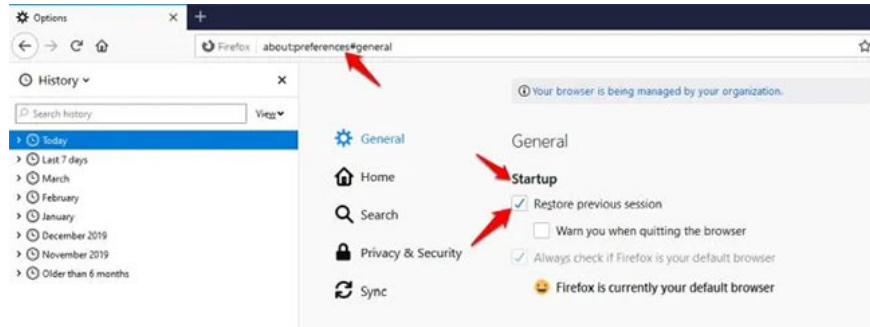
To retrieve the tabs and windows of the previous session, click **Menu> Restore Previous Session** .

To restart Firefox after an update, click **Restart to update Firefox** after applying any updates to the application.

If Firefox has crashed or closed unexpectedly, due to a software error, website crash or unexpected power outage, the **Restore Session** page will appear when you launch the browser the next time. However, if the problem persists, click **Start New Session** .

To configure session recovery and open all tabs, as well as windows from the previous session, click **Menu> Options** , and select **General**.

In **Startup** , click on **Restore previous session** and close the **about: preferences** page . Your changes will now be saved automatically.



Restart Firefox

Note : Session Restore can help you to log in to websites that were logged in before closing the browser. This means that anyone who uses the following PC will have access to your account on the websites you have visited. In this case, do not configure the browser to open previous session tabs or windows.

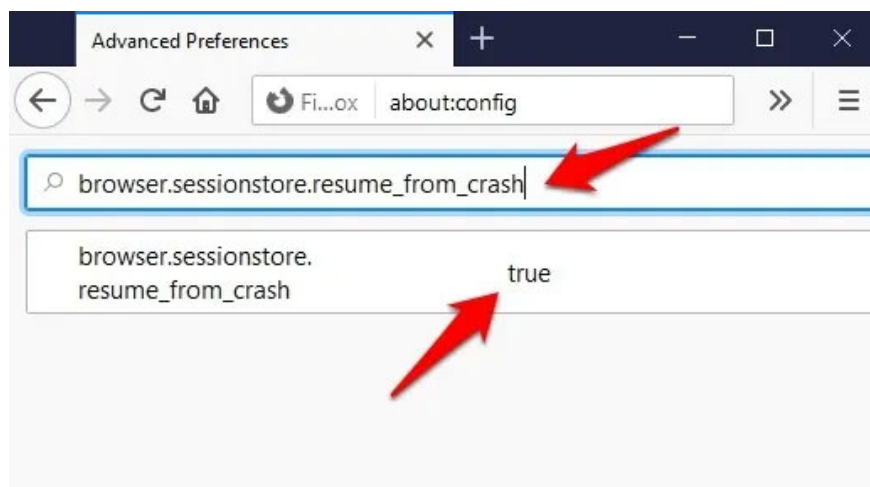
You can also turn off the default **Session Restore crash recovery** option to prevent previous sessions from being restored when you open your browser or it opens automatically after an unexpected browser crash or shutdown takes place.

To configure the privacy settings for **Session Restore** , go to the address bar and type **about: config** and press **Enter** . In the warning page, click **Accept the Risk and Continue** .

In the search box, type:

```
browser.sessionstore.resume_from_crash
```

. and set to **False**.



Search for browser.sessionstore.resume_from_crash

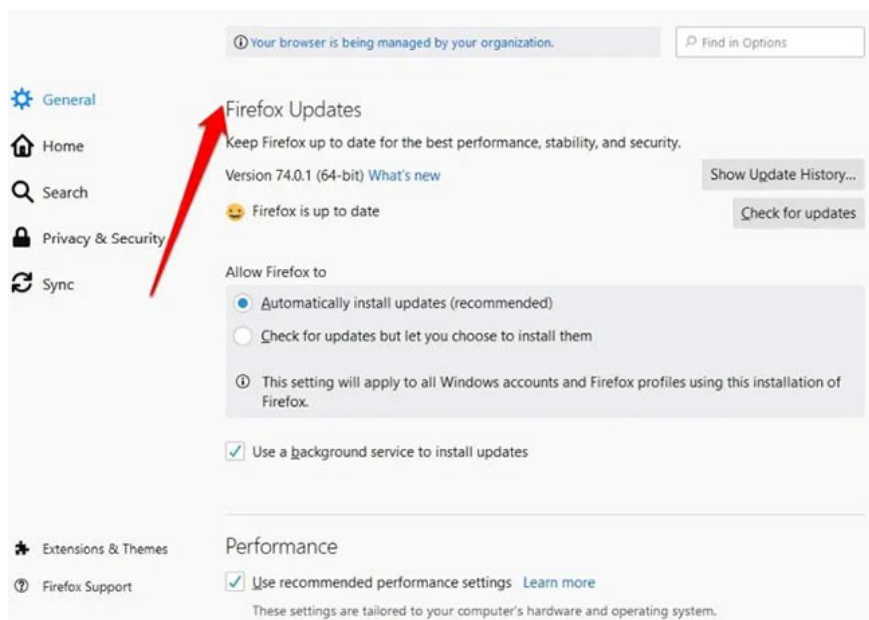
Update Firefox

Firefox automatically updates by default, but you can always do this manually. The latest version may come with performance improvements, but you will only receive these after restarting Firefox for the updates to download and take effect.

To do this:

1. Click the menu (hamburger icon) in the upper right corner, click **Help (?)** And select **About Firefox**.
2. Firefox will check for updates and automatically download them.
3. After the download is complete, please restart to update Firefox.

You can change your update settings by clicking **Menu > Options** and scrolling down to the **Firefox Updates** section .



Update Firefox

Disable themes and extensions

Resource-intensive extensions and themes can cause Firefox to use more memory and system resources than usual. If you want to check if a theme or extension is causing the browser to consume a lot of resources, start it in Safe Mode, then check CPU and memory usage.

While in Safe Mode, these themes and extensions are turned off, so if you see any improvements when they are disabled, try uninstalling or disabling them.

To start Firefox in Safe Mode, click **Menu > Help** and click **Restart with Add-ons disabled** or hold the **Shift** key when you start the browser.

Two options will appear: **Start in Safe Mode** and **Refresh Firefox** . The previous option will start Firefox with the default theme but disable extensions and disable some customizations and features (this is only temporary). When you exit Safe Mode, all settings will be restored to their previous state.



Disable themes and extensions

If the problem persists, it may not be caused by the theme or the extension, but it may be due to the installation of options or plugins, as they are not disabled in Safe Mode. However, if that doesn't happen in Safe Mode then the add-on is likely the culprit.

Check out Adobe Flash Player and hardware acceleration feature Firefox

If you have the Adobe Flash Player plugin installed, it could be the cause of high memory usage. Go to a page on the browser displaying the Flash video, right-click on the player, and select **Settings**. When installing the player, click on the icon at the bottom left of the settings window to open the display panel and check if **Enable hardware acceleration** is enabled or not.

Hardware acceleration Firefox also helps reduce CPU and memory usage in some cases, so you can check to see if hardware acceleration is enabled or disabled.

To do this, click **Menu > Options > General**, uncheck the **Use recommended performance settings** box and check **Use Hardware Acceleration when available**.

Delete the corrupted website settings file

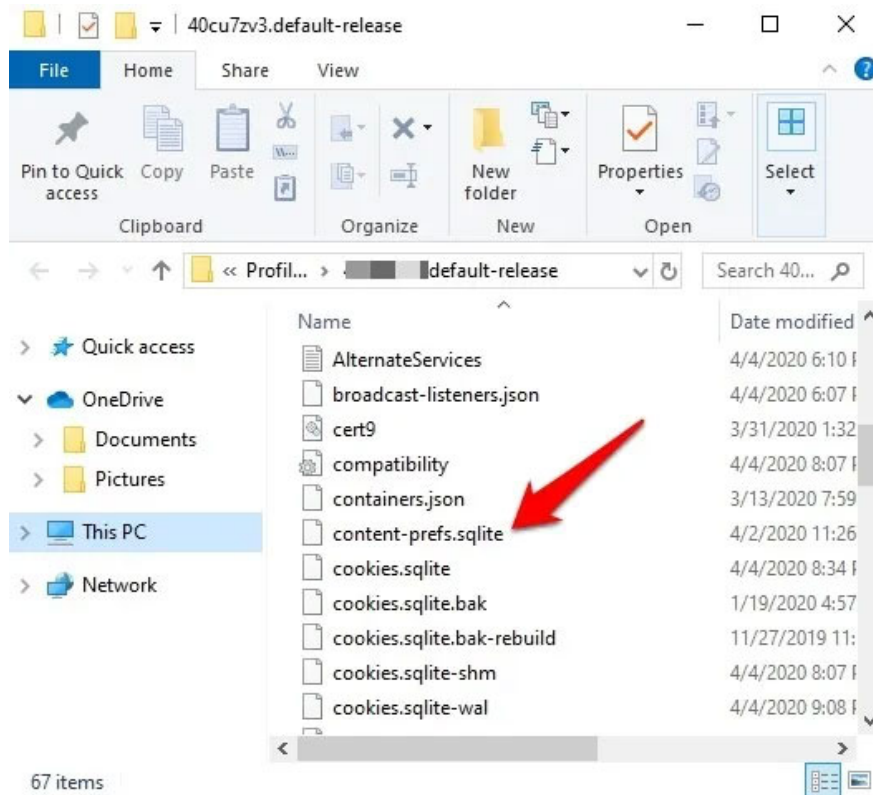
The profile folder contains data in various files stored by Firefox. If the **content-prefs-sqlite** file containing the individual site settings is corrupt, delete it to reduce CPU usage.

To do this:

Click **Menu > Help > Troubleshooting Information** to open the corresponding tab.

Go to **Application Basics** and click **Open Folder** next to **Profile Folder**.

Click **Menu > Exit** and delete **content-prefs.sqlite** file. The next time you open Firefox, the profile folder will be recreated.



Delete the corrupted website settings file

You can also fix memory leaks and optimize browser performance by typing **about: memory** into the address bar and in **Free memory**, selecting **GC, CC** and **Minimize Memory usage** to limit any leaks. You can also check other ways to fix when Firefox is having problems.

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