Disable NTFS file compression to speed up Windows computers

NTFS file compression feature is available on Windows operating system. Windows users can use this feature to compress files to save space on NTFS hard drives. However, in some cases, this feature reduces the system performance as well as consumes many sources on the system. So to speed up Windows, you should disable this feature.

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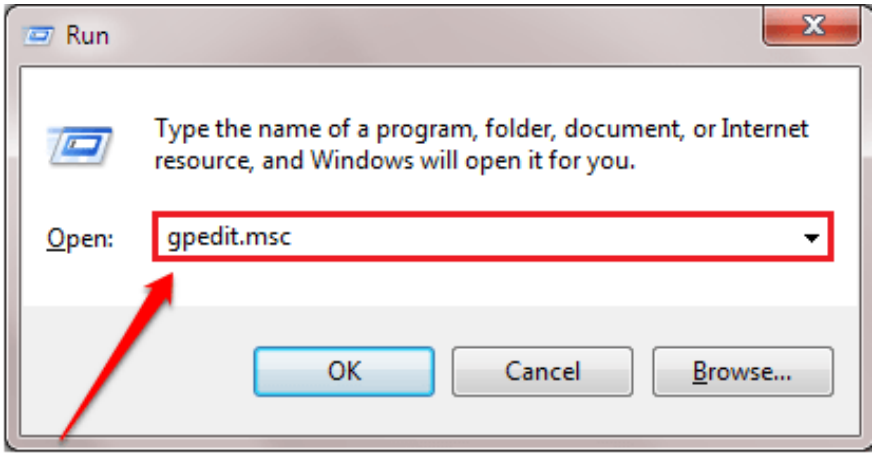
1. Use Local Group Policy Editor

Step 1:

Press the **Windows + R** key combination to open the Run command window. Here you enter **gpedit.msc** and press Enter to open the Local Group Policy Editor window.

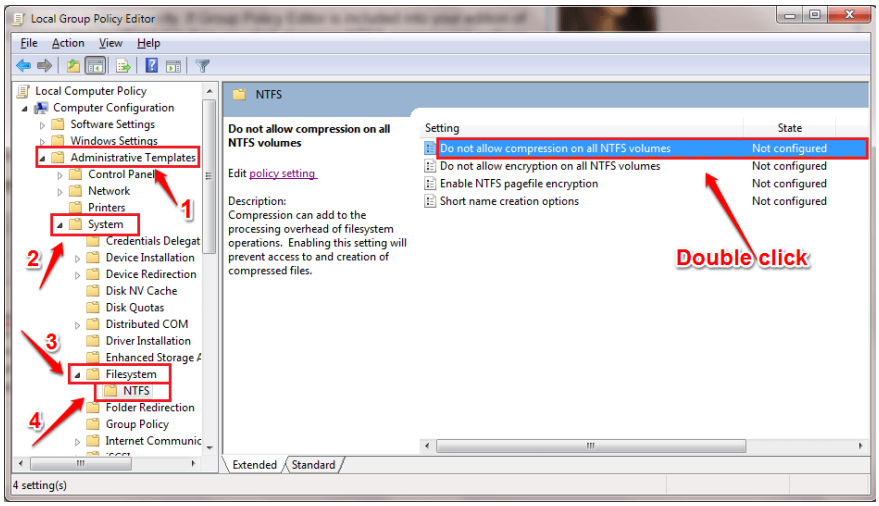


Step 2:

In the Local Group Policy Editor window, navigate to the following link:

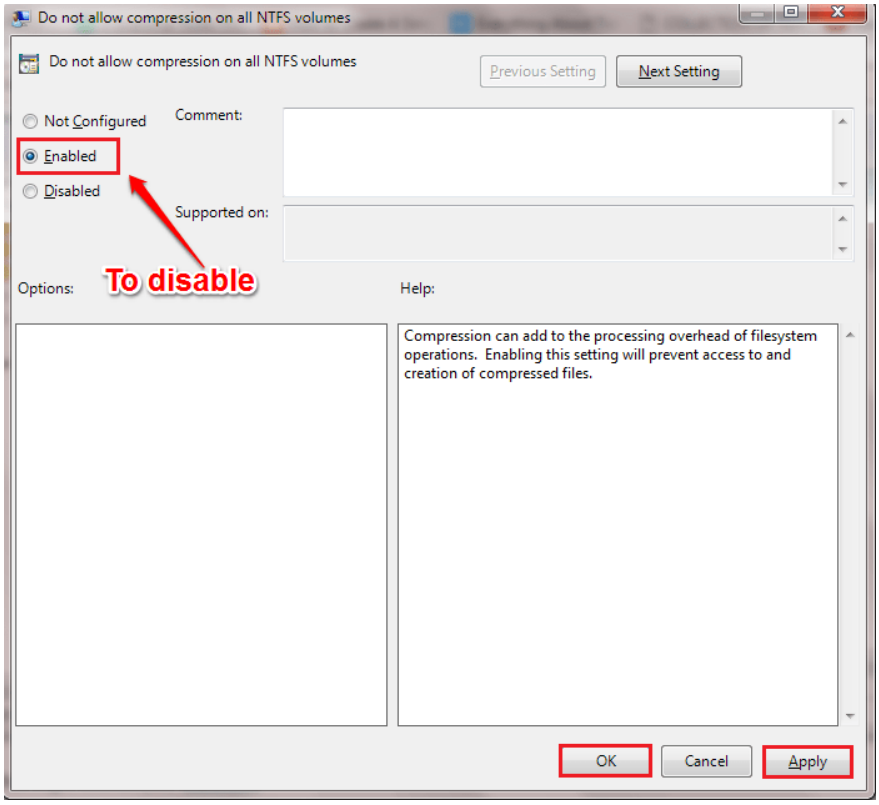
Computer Configuration => Administrative Templates => System => Filesystem => NTFS

Next, find and double-click the **Do not allow compression option on all NTFS volumes** in the right pane.



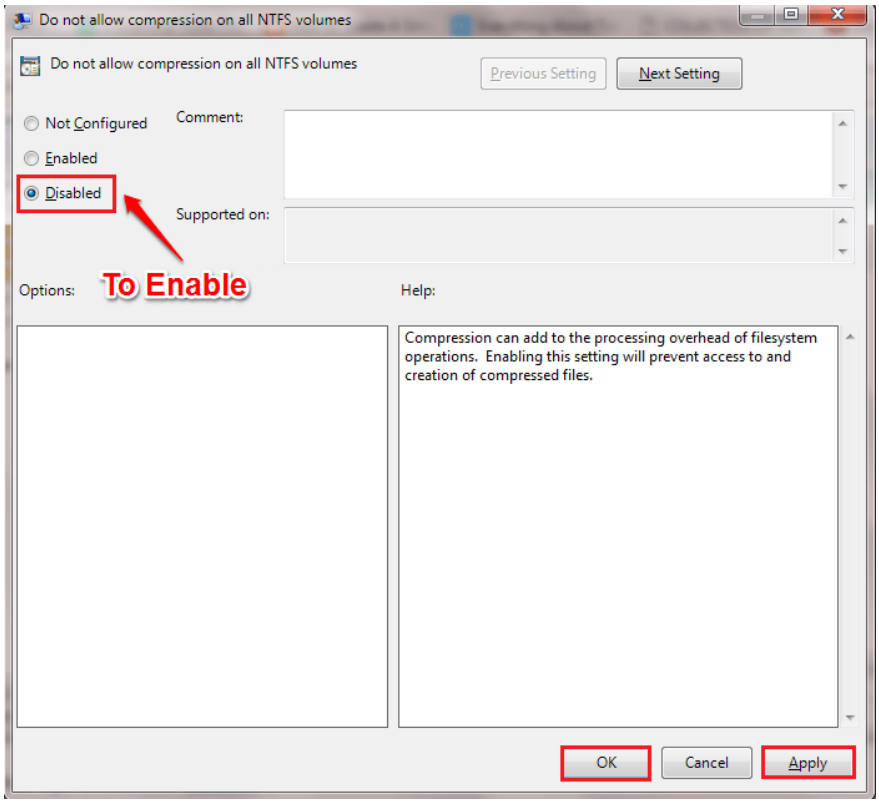
Step 3:

On the Do not allow compression on all NTFS volumes window, select **Enabled** to disable NTFS file compression. Once done, click **Apply** then click **OK** .



Step 4:

If you want to enable file compression, perform the same steps and select **Disabled** on the Do not allow compression on all NTFS volumes.

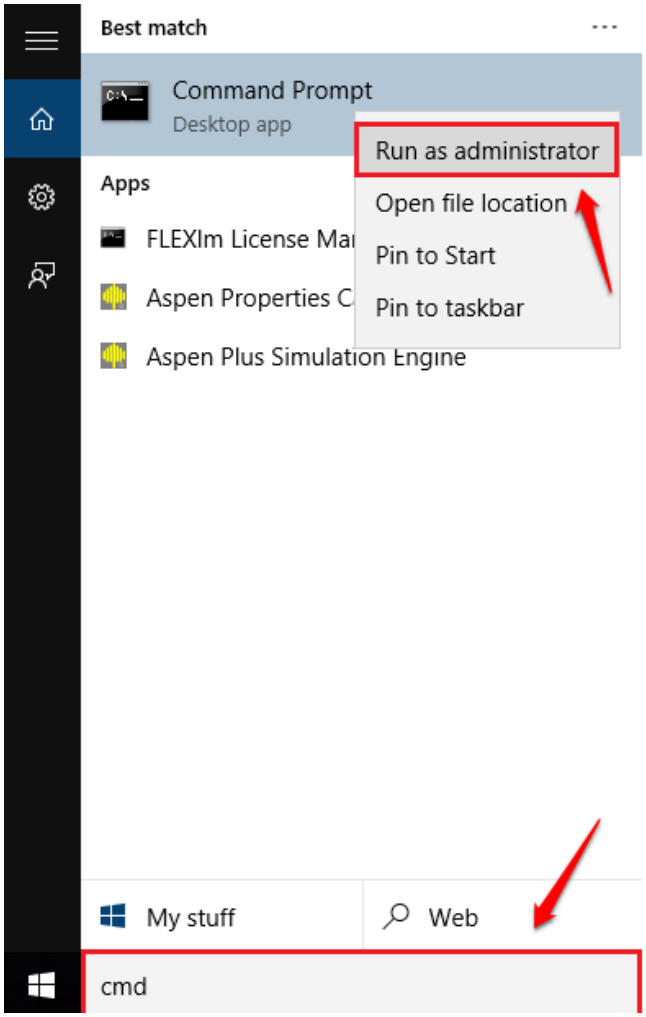


Restart the system to apply changes.

2. Use Command Prompt

Step 1:

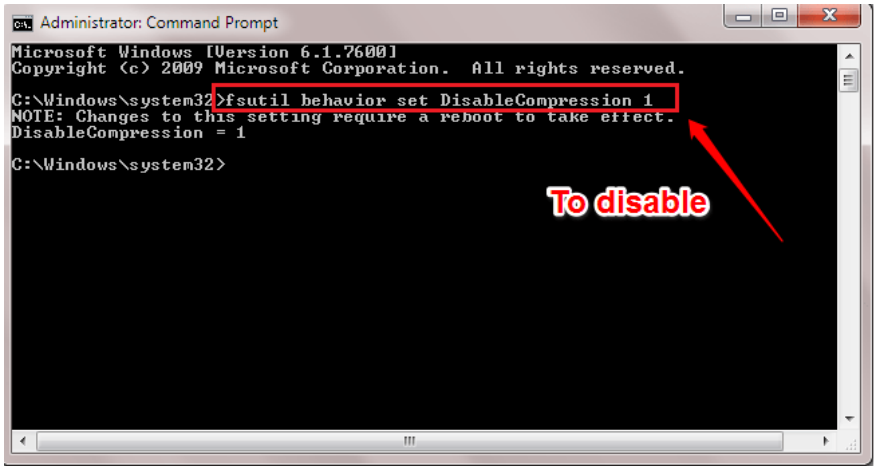
Open Command Prompt under Admin. To do this, enter **cmd** in the Search box on the Start Menu. On the search results list, right-click **Command Prompt** and select **Run as administrator.**



Step 2:

Enter the following command into the Command Prompt window and press Enter to disable NTFS file compression:

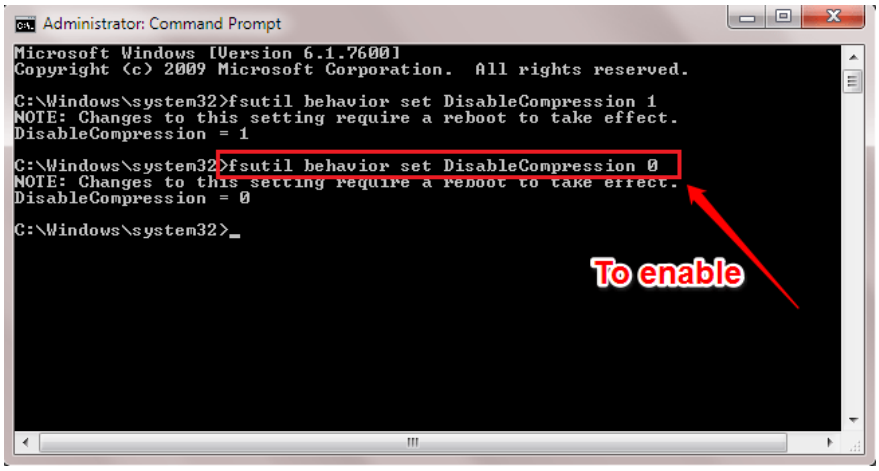
```
fsutil behavior set DisableCompression 1
```



Step 3:

If you want to enable NTFS file compression, enter the following command into the Command Prompt window and press Enter:

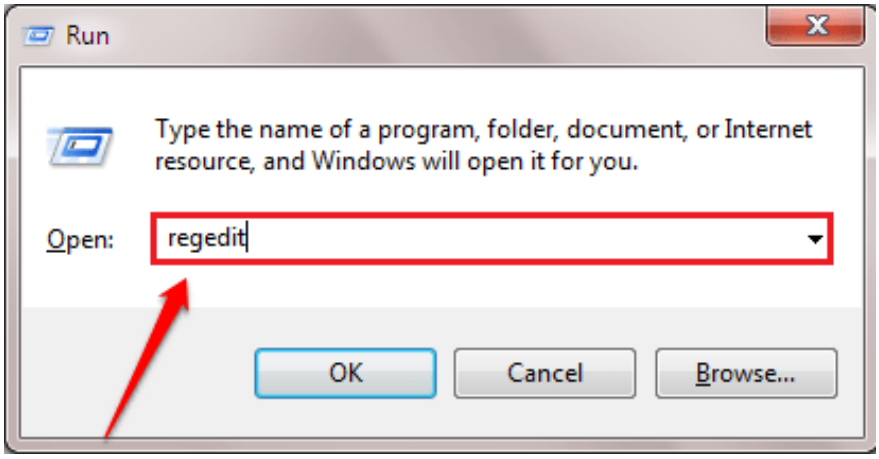
fsutil behavior set DisableCompression 0



3. Use Registry Editor

Step 1:

Press the **Windows + R** key combination to open the Run command window. At the Run command window, enter **regedit** and then press Enter to open the Registry Editor window.

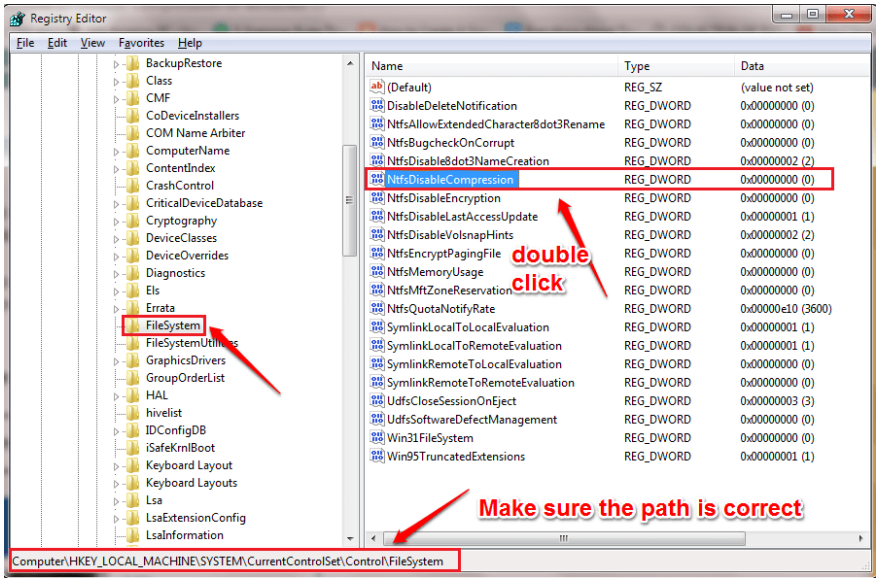


Step 2:

On the Registry Editor window, navigate to the key:

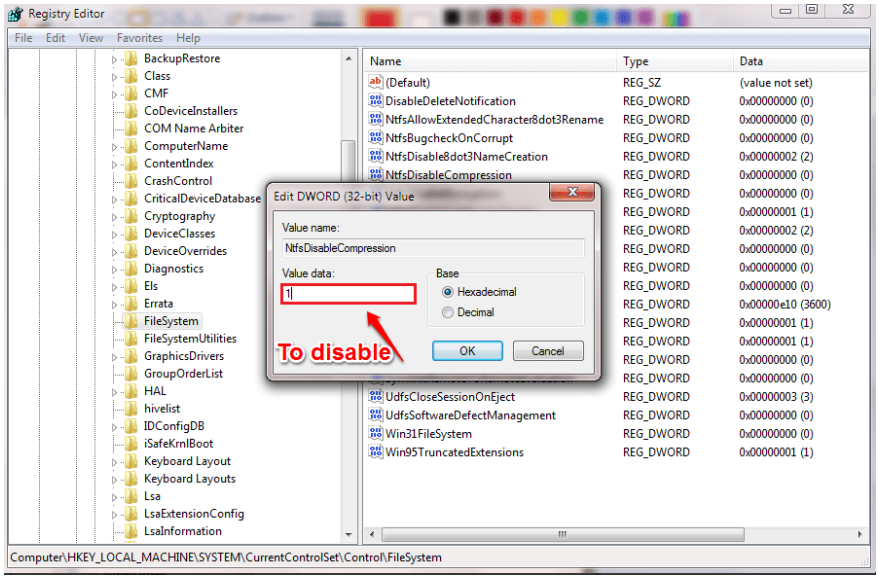
HKEY_LOCAL_MACHINESYSTEMCurrentControlSetControlFileSystem

Here in the left pane, find and double-click the value named **NtfsDisableCompression.**



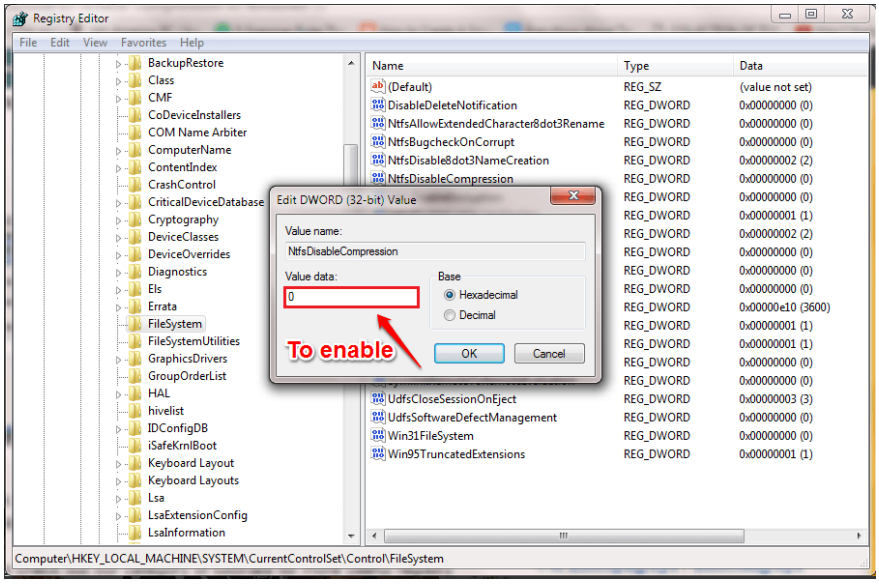
Step 3:

To disable NTFS file compression, enter the value in the **Value data** frame **1** . Click **OK** and restart the system to save the changes.



Step 4:

To re-enable NTFS file compression, enter a value of **0** in the Value data box. Click **OK** and restart the system to save the changes.



Refer to some of the following articles:

1. Here are some tips to help your old Windows 7 computer run as fast as it was when you first bought it
1. Some tips to speed up Windows 8 boot process
1. Speed ??up Windows 10 from boot to shutdown

Good luck!

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