Guide to Fix Microsoft Compatibility Telemetry High Disk Usage Windows 10

[Brithny](#) updated on Jan 08, 2021 [Partition Manager](#) | [How-to Articles](#)
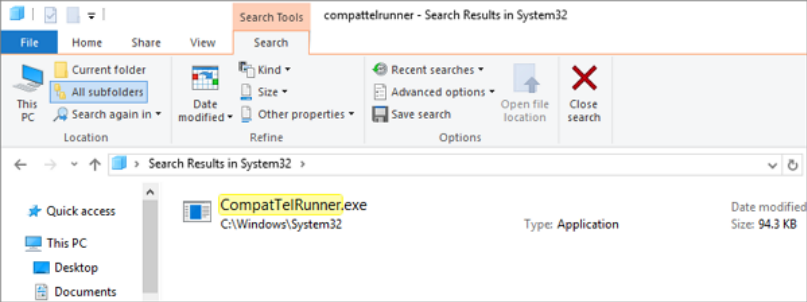
If you notice **Microsoft Compatibility Telemetry high disk usage** or high CPU usage on Windows 10 and want to fix it to speed up your computer, you've come to the right place. We cover all the useful solutions to fix the **Microsoft Compatibility Telemetry** high disk in this guide. Let's solve the problem quickly.

Workable Solutions	Step-by-step Troubleshooting
Fix 1. Disable Compatibility Telemetry	Disable Compatibility Telemetry via Task Scheduler, Group Policy Editor, and Registry Editor...**Full steps**
Fix 2. Delete CompatTelRunner.exe	Delete CompatTelRunner.exe after taking ownership of it. Find CompatTelRunner file, right-click it, and choose Properties...**Full steps**
Fix 3. Update Windows 10	Click the "Start" icon. Go to "Settings > Update & Security settings > Windows Update"...**Full steps**
Fix 4. Run SFC to Repair System File	Microsoft Compatibility Telemetry high disk may be caused by corrupted system files. Run SFC in CMD...**Full steps**
2 More Useful Methods	Fix Windows Compatibility Telemetry high disk by cleaning up Windows system and optimize hard disk...**Full steps**

IMPORTANT: *[Optimize your hard disk and system with a FREE partition manager](#)*
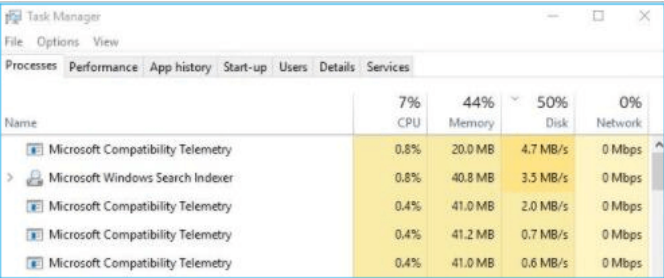
What Is Microsoft Compatibility Telemetry High Disk

Most Windows users will choose "Join Microsoft Customer Experience Improvement Program" by default when installing Windows 10, which requires collecting program telemetry information and sending it to Microsoft, and **Microsoft Compatibility Telemetry** (CompatTelRunner.exe) does this.

Microsoft Compatibility Telemetry is a service in Windows 10 that contains technical data about how the Windows devices and their related software are working and sends this data periodically to Microsoft to enhance the user experience by fixing the Potential issues that occur. Thus, many users find **Microsoft Compatibility Telemetry high disk usage** or high CPU in Task Manager, which can cause severe computer performance issues, such as slowdowns, program, or OS crashes.

Here, we have prepared a full guide on how to disable CompatTelRunner.exe on Windows 10 and solve the Microsoft Compatibility Telemetry high disk usage issue.

Fix 1. Disable Microsoft Compatibility Telemetry Windows 10

When you are suffering from Microsoft Compatibility Telemetry high disk usage or high CPU problem, try to disable CompatTelRunner.exe on Windows 10 in a few ways.

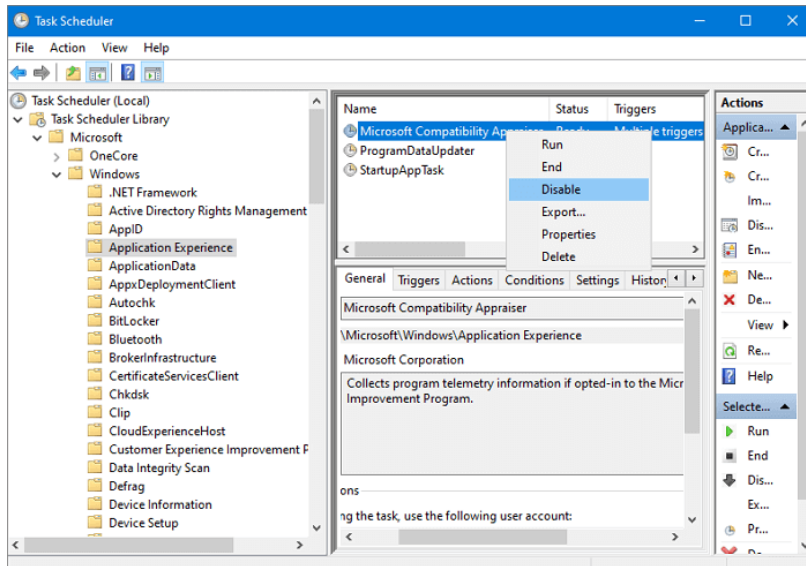## 1. Disable Microsoft Compatibility Appraiser via Task Scheduler

Microsoft Compatibility Appraiser scans Windows 7/8/8.1/10 application files residing on the computer to assess their compatibility with Windows 10 if an upgrade is performed. To sort out your concern, you may disable this service from the Task Scheduler by following the steps below:

Step 1. Click Start, type **Task Scheduler**, and then press Enter.

Step 2. On the TaskScheduler window, go to this path: *Task Scheduler Library\Microsoft\Windows\Application Experience*.

Step 3. On the Application Experience folder, look for "Microsoft Compatibility Appraiser".
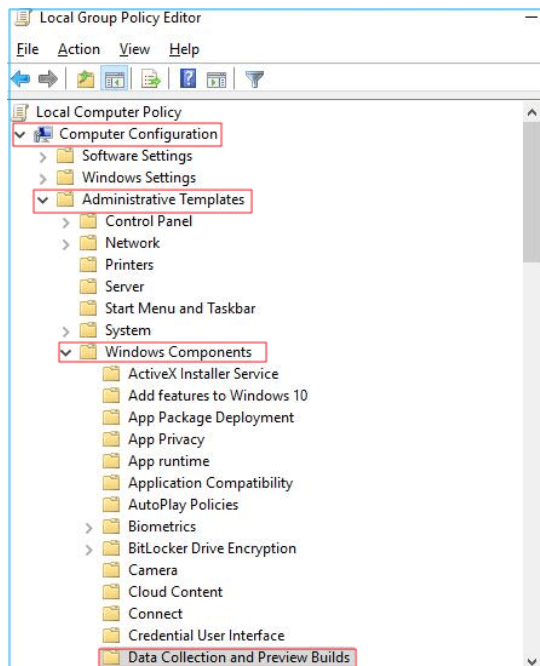
Step 4. Right-click on it, select "Disable", and then confirm to complete the process. Then, check if the issue persists.
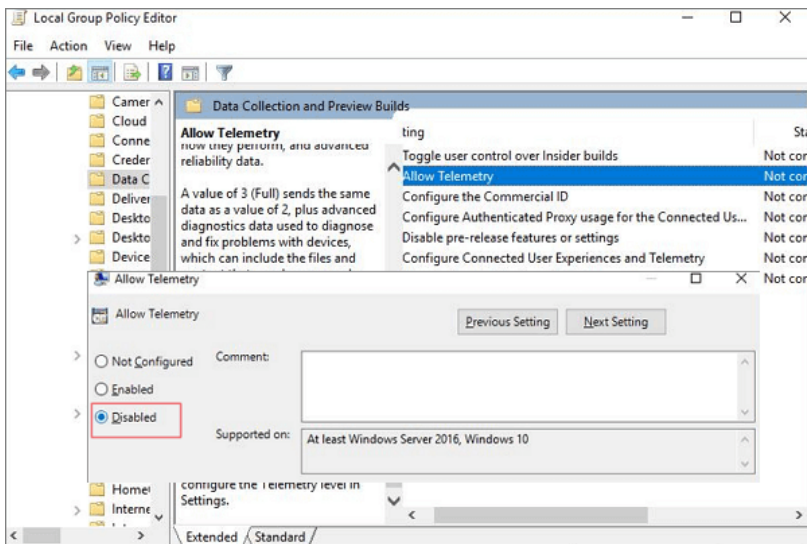

2. Disable Windows Compatibility Telemetry via Group Policy Editor

Step 1. Press the Windows logo key + R, then type **gpedit.msc** and click "OK".

Step 2. Go to "Computer Configuration > Administrative Templates > Windows Components > Data Collection and Preview Builds".

Step 3. Double-click "Allow Telemetry". Select "Disabled", then click "OK".
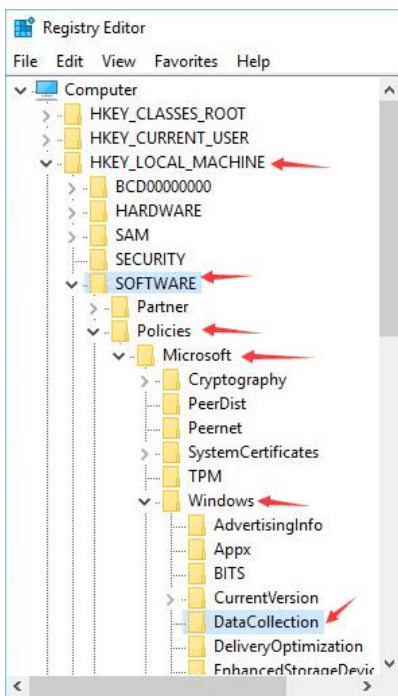
Now, you can go to your task manager to check whether it works or not. If this does not work very well, please the second solution.

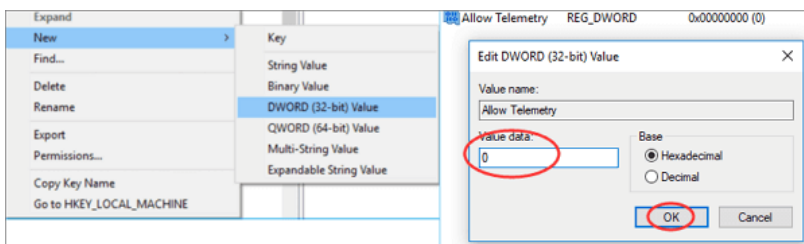### 3. Disable Microsoft Compatibility Telemetry Using Registry Editor

Step 1. Press the Windows + R keys, then type **regedit** in the box and click "OK". Click "YES" when prompted by User Account Control.

Step 2. Go to "HKEY_LOCAL_MACHINE > SOFTWARE > Policies > Microsoft > Windows > DataCollection".

Step 3. Right-click on "DataCollection" and choose "New > DWORD (32-bit) Value". Then name the new value Allow Telemetry, then double-click "Allow Telemetry".

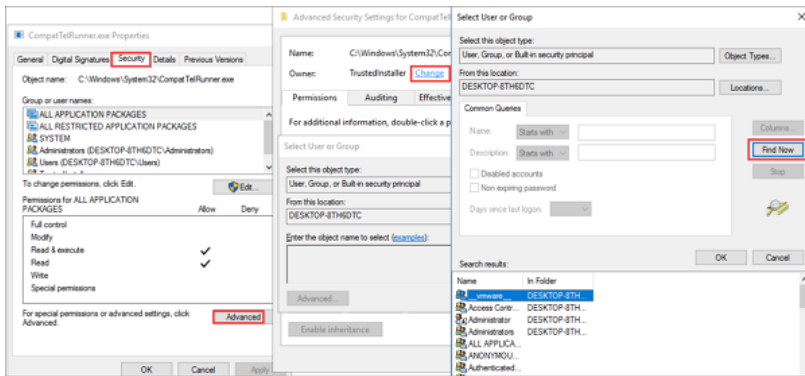**Step 4.** Set Value date to 0 (zero) and click "OK".

Fix 2. Delete CompatTelRunner.exe to Fix Microsoft Compatibility Telemetry High Disk Usage

Except for turning off the Windows Compatibility Telemetry option, you can also get rid of Microsoft Compatibility Telemetry high disk usage or CPU issue by deleting CompatTelRunner.exe. This method requires you to log into your computer using the Administrator's account with ownership. Here are the step-by-step guides.

Step 1. Type **CompatTelRunner** in the Search box. Right-click on CompatTelRunner and select "Open File Location".
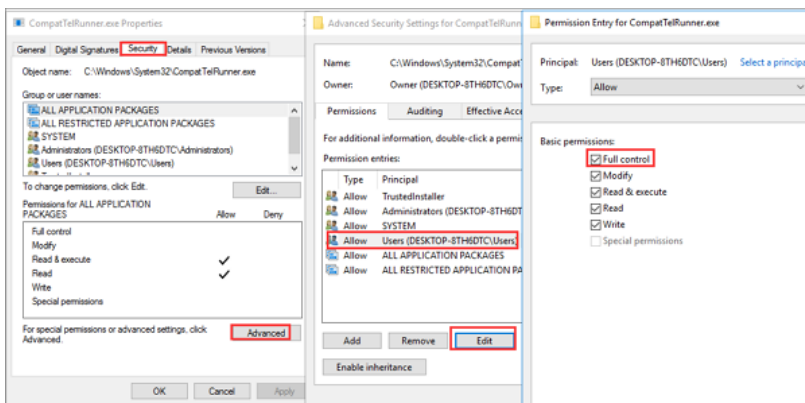
Step 2. Right-click CompatTelRunner.exe and choose "Properties". Switch to the Security tab and click "Advanced". Click the "Change" button next to the Owner.

Step 3. Click the "Advanced" > "Find now". Scroll down to select the account you are using right now and click "OK". Then, click the "Apply" and click "OK" when a note window pops up.

Step 4. Next, you need to change permission settings. Right-click the CompatTelRunner.exe file and open "Properties" again. Go to "Security tab > "Advanced" > Select User from a list > Edit". On the new pop-up window, select "Full Control" and click "OK". Then click "Apply" and "OK".

Step 5. Now, you have full control of your computer. Right-click the CompatTelRunner.exe file, and choose "Delete".
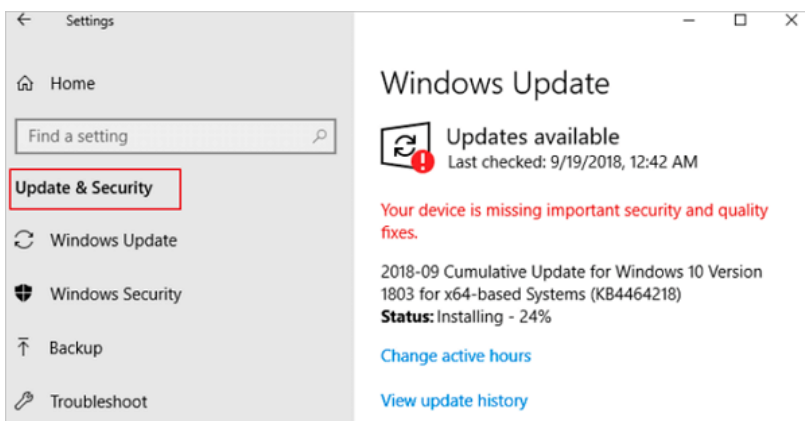
Fix 3. Update Windows 10 to Solve Compatibility Telemetry Issue

Microsoft Compatibility Telemetry is related to Windows 10 update. If you get the latest updates, you may solve your problem.

Step 1. Click the "Start" icon.

Step 2. Go to "Settings > Update & Security settings > Windows Update". Download and install new update.

Fix 4. Run SFC Scan to Repair Windows System File

The Microsoft Compatibility Telemetry high disk usage or high CPU problem may be caused by corrupted system files. To resolve the issue, you can run the SFC scan to find and replace damaged system files related to Microsoft compatibility telemetry.

Step 1. Press the Windows key and type **cmd**. Right-click "Command Prompt" and choose "Run as administrator."

Step 3. Type **sfc /scannow** and press Enter. Wait Windows automatically finds and fixes system errors.

Or you can run **DISM /Online /Cleanup-Image /RestoreHealth** in Command Prompt to perform a deeper scan and repair.
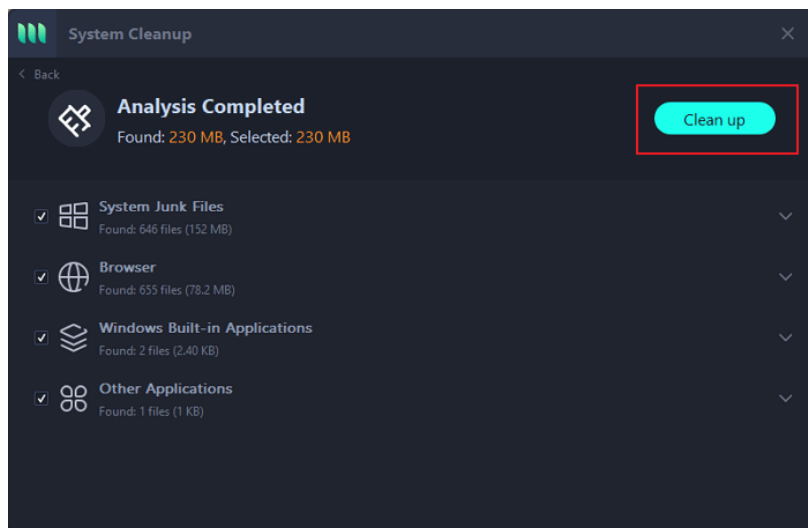
Fix 5. Clean Up System to Solve Compatibility Telemetry High Disk

Leaving system junk and temporary files uncleaned for a long time causes various issues, including the CompatTelRunner.exe high CPU or high disk usage. Thus, you can use a free PC cleanup tool to get rid of system junk files.

Step 1. ☐ DOWNLOAD and install EaseUS Tools M. Select "System Cleanup" on the main screen.

Step 2. Select the type of junk files you want to scan and click "Analyze".

Step 3. Identify and select useless files and click "Clean up" to remove those files from your PC or laptop.

Fix 6. Manage Your Hard Drive and Enhance System Performance
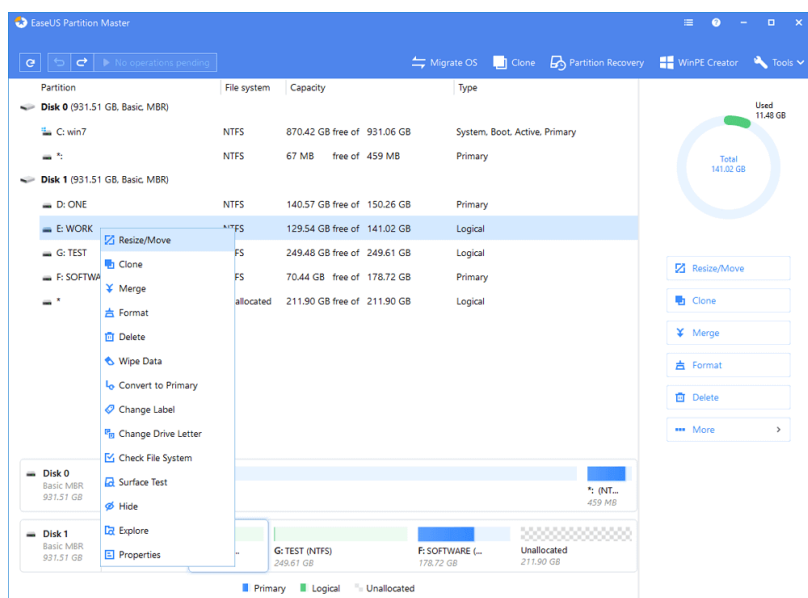
If your PC often gets 100% disk usage error or Microsoft Compatibility Telemetry high usage, you can improve your Windows system well organizing your hard disk drive. There are many things to do to optimize disk partition, such as resize/move partition, migrate OS to larger HDD or SSD, perform SSD 4K alignment to speed up your PC, and so on.

EaseUS Partition Master Free can help you manage disk partitions with the simplest solutions. You can download this partition manager to create, resize, clone, move, merge, and format partitions for **FREE**!

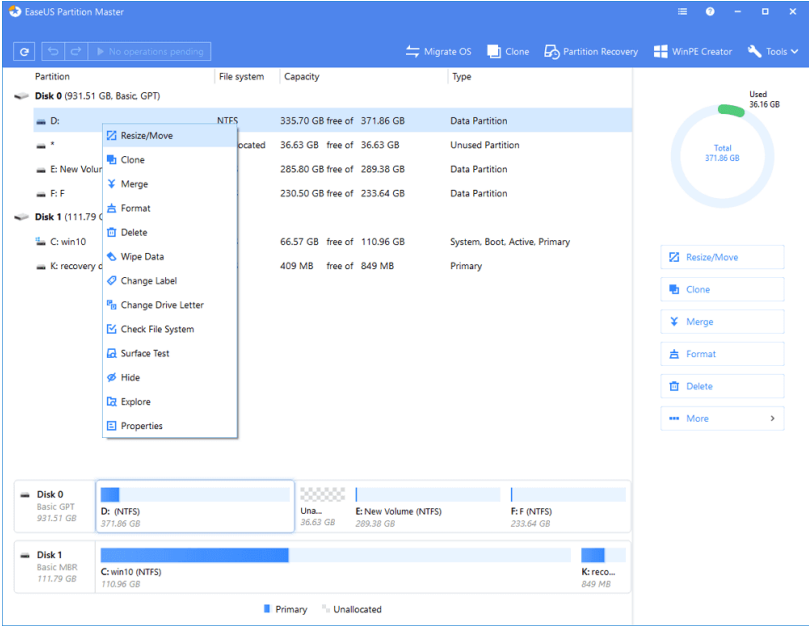☐Free DownloadWindows 10/8.1/8/7/Vista/XP

Step 1. To Shrink a Partition

- Right-click on a partition that you want to shrink and select "Resize/Move".
- Drag the end of the partition rightward or leftward to adjust the space. Click "OK" to continue.
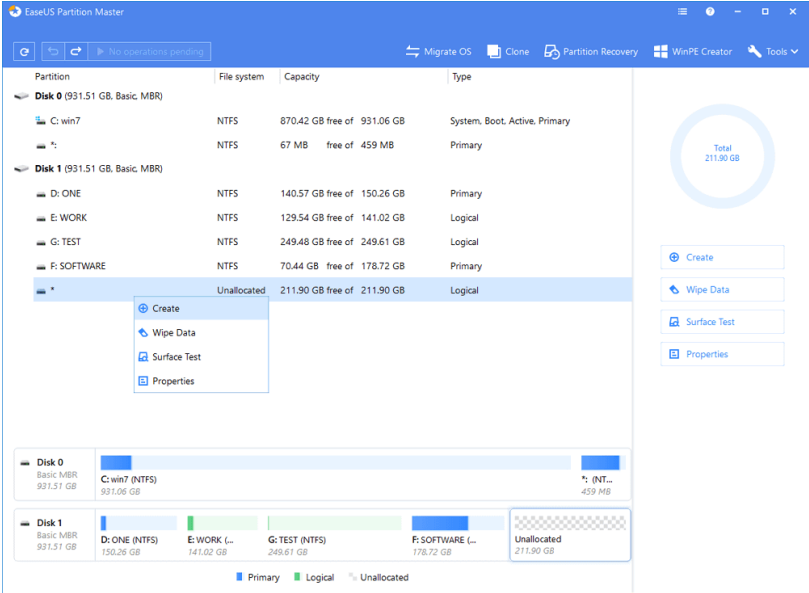

Step 2. To Extend a Partition

- To extend partition, you need to leave unallocated space. If not, shrink a partition as mentioned above.
- Then right-click on the target partition and select "Resize/Move".
- Drag the target partition handle into the unallocated space to extend partition. Click "OK" to continue.
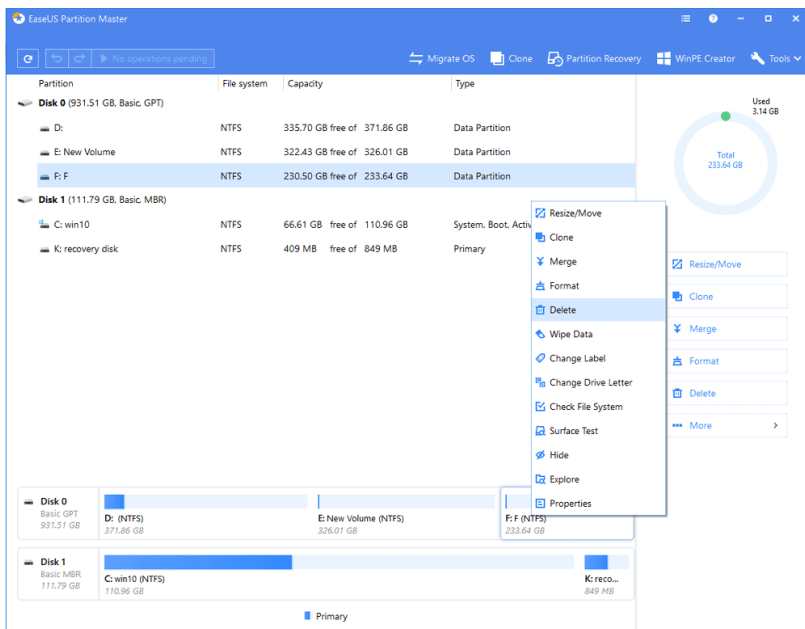
Step 3. To Create a Partition:

- On the main window, right-click on the unallocated space on your hard drive or external storage device and select "Create".
- Set the partition size, partition label, drive letter, file system, etc. for the new partition and click "OK" to continue.
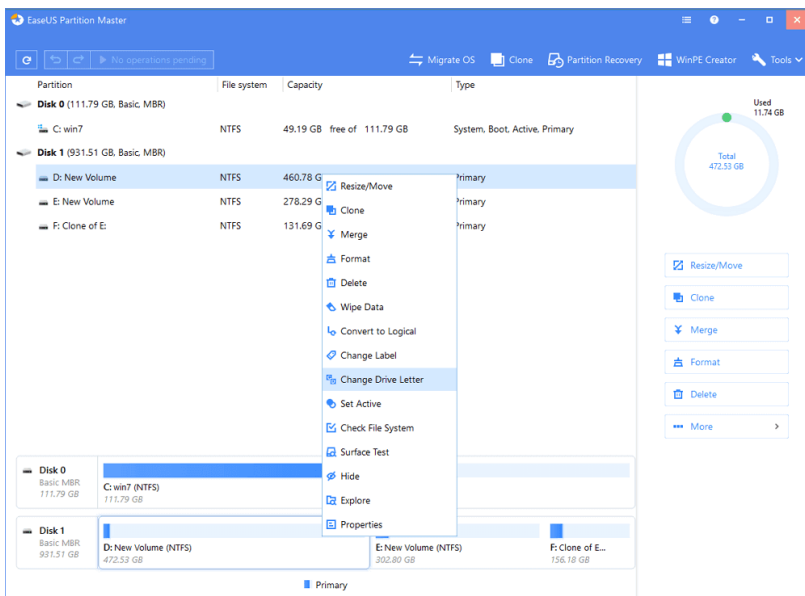

Step 4. To Delete a Partition

- On the main window, right-click on the hard drive partition which you want to delete and select "Delete".
- Click "OK" to confirm.

Step 5. To Change Partition Drive Letter

- Right-click the partition, and choose "Change Drive Letter".
- Click the down arrow, choose a drive letter for the partition, then click "OK".

Finally, click the "Execute Operation" button at the top corner and keep all changes by clicking "Apply".

It's Your Turn to Fix Microsoft Compatibility Telemetry High Disk

After reading this tutorial, you can now solve the Microsoft compatibility telemetry high disk usage issue by following the detailed instructions. Remember to using the ultimate partition management software - EaseUS Partition Master to optimize your hard drive and improve your computer's capableness.

Other 100 disk usage topics you may be interested in:

- *Antimalware Service Executable High Disk Usage*
- *Service Host Superfetch High Disk Usage*

Read More About Microsoft Compatibility Telemetry

Get more help on Microsoft Compatibility Telemetry high disk or high CPU usage.

Can I end task Microsoft compatibility telemetry?

Windows Telemetry service is part of Windows OS. Usually, it is not advisable to disable this feature. But if Microsoft Compatibility Telemetry Runner causes obvious performance issues, such as slowdowns and program crashes, or you are afraid of a privacy leak, you can disable and end CompatTelRunner.exe on Windows.

Is it safe to disable Microsoft Compatibility Telemetry?

Yes, it is. Disabling Microsoft Compatibility Telemetry doesn't affect your normal usage. If it slows down your PC severely, disable it as you need.

How do I turn off Windows 10 Telemetry?

To turn off Telemetry:

Step 1. Press the Windows logo key + R, then type **regedit** in the box and click OK

Step 2. Click "YES" when prompted by User Account Control.

Step 3. Go to HKEY_LOCAL_MACHINE > SOFTWARE > Policies > Microsoft > Windows > DataCollection

Step 4. Right-click on DataCollection and choose New > DWORD (32-bit) Value. Then name the new value Allow Telemetry then double-click Allow Telemetry.