

How to fix Windows 10 image with DISM

If the Windows image is corrupted, you can use the Deployment Imaging and Servicing Management (DISM) tool to update the file and fix the problem.

For example, you can use DISM to [fix Windows 10](#) Component store error (Windows core feature stores all operating system-related system files grouped by component and as hard links) when the command `sfc /scannow` cannot repair corrupted or modified files due to the corrupted Component store.

The DISM / Cleanup-Image tool saves its log files to the following file locations.

```
C:\WindowsLogsCBSCBS.log C:\WindowsLogsDISMdism.log
```

This article will guide you how to perform Inbox Corruption Repair with DISM / Cleanup-Image tool to fix Component store error on Windows 10.

Note: You must be logged in as an administrator to be able to perform Inbox Corruption Repair with the Deployment Imaging and Servicing Management (DISM) tool.

1. Run the DISM / Cleanup-Image tool from the Command Prompt

Step 1. Open Command Prompt as admin.

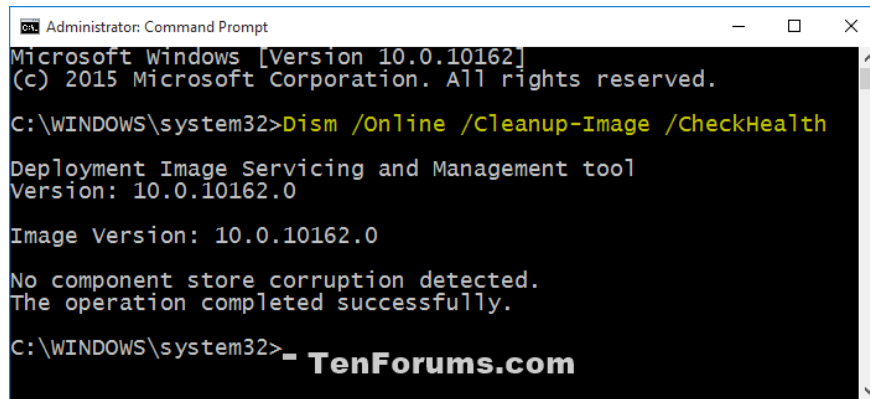
Step 2. Perform Step 3, Step 4, Step 5 (recommended), Step 6 or Step 7 below for the DISM command you want to use.

Step 3 . Use the / CheckHealth command

You only use the / CheckHealth command to check that the flagged image is corrupted due to an unsuccessful and repairable process. This is a quick way to see if the file is corrupted or not. This command does not correct errors or create records. And quick run time command.

In the Command Prompt, copy and paste the command below, then press **Enter** and go to Step 8.

```
Dism /Online /Cleanup-Image /CheckHealth
```



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.10162]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>Dism /Online /Cleanup-Image /CheckHealth

Deployment Image Servicing and Management tool
Version: 10.0.10162.0

Image Version: 10.0.10162.0

No component store corruption detected.
The operation completed successfully.

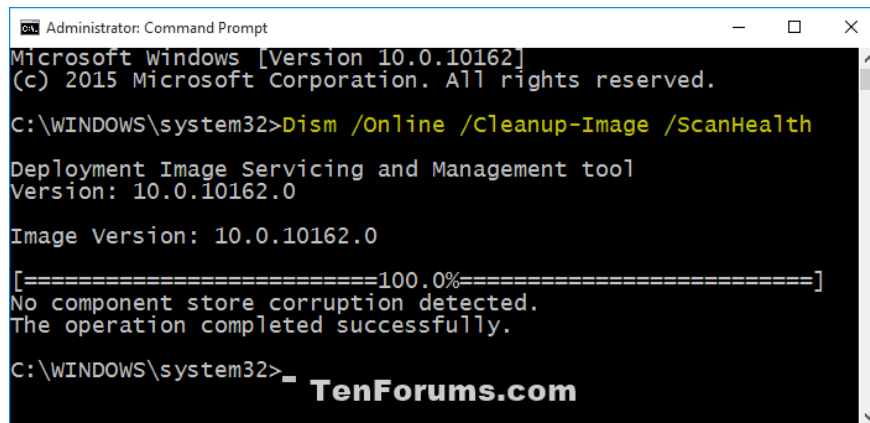
C:\WINDOWS\system32>- TenForums.com
```

Step 4. Use the / ScanHealth command

Use the / ScanHealth command to scan the image for Component store errors. Nor does this command fix any errors. It only checks component store errors and writes errors to the log file. This command may take 5 to 10 minutes to complete.

In the Command Prompt, copy and paste the command below, then press **Enter** and go to Step 8.

```
Dism /Online /Cleanup-Image /ScanHealth
```



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.10162]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>Dism /Online /Cleanup-Image /ScanHealth

Deployment Image Servicing and Management tool
Version: 10.0.10162.0

Image Version: 10.0.10162.0

[=====100.0%=====]
No component store corruption detected.
The operation completed successfully.

C:\WINDOWS\system32>- TenForums.com
```

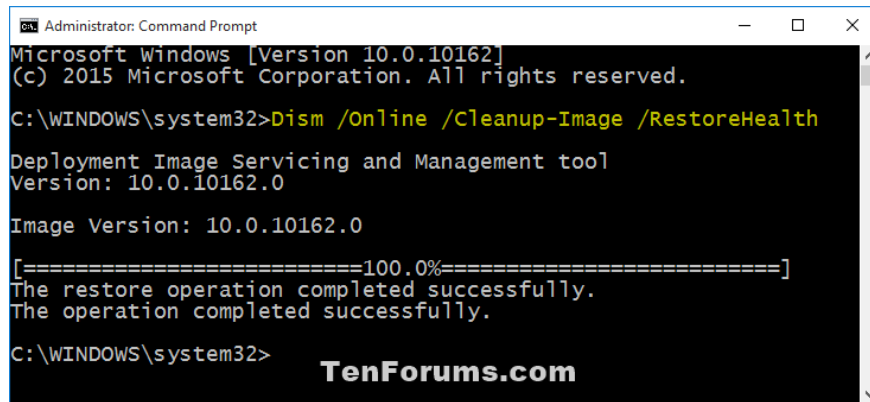
Step 5 . Use the / RestoreHealth command

Use the / RestoreHealth command to scan the image for Component Store errors, automatically repair them, and write them to a log file. This command may take 10 to 15 minutes or even several hours to complete depending on the level of error.

You need an internet connection to run this command. If the order didn't succeed, you can follow Step 6 or Step 7 below.

In the Command Prompt, copy and paste the command below, then press **Enter** and go to Step 8.

```
Dism /Online /Cleanup-Image /RestoreHealth
```



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.10162]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>Dism /Online /Cleanup-Image /RestoreHealth
Deployment Image Servicing and Management tool
Version: 10.0.10162.0

Image Version: 10.0.10162.0

[=====100.0%=====]
The restore operation completed successfully.
The operation completed successfully.

C:\WINDOWS\system32>
```

Step 6 . Use the command / RestoreHealth / Source: wim

Use the command / RestoreHealth / Source: wim to locate the install.wim file which is the source of a good file version that can be used to fix errors. This process can take 10 to 15 minutes, even hours to complete depending on the level of error.

This command may be useful if Step 5 above cannot repair the Windows image. The install.wim file will be in the Sources folder of the mounted Windows 10 ISO file. If there is an install.esd file instead of the install.wim file, perform Step 7 instead of this step.

Locate the Windows 10 ISO file with install.wim in the sources directory of the mounted ISO file and the index number for the Windows 10 version using the command below in the Command Prompt as admin:

```
dism /get-wiminfo /wimfile::sourcesinstall.wim
```

Replace Drive Letter with the actual drive letter of the mounted ISO file.

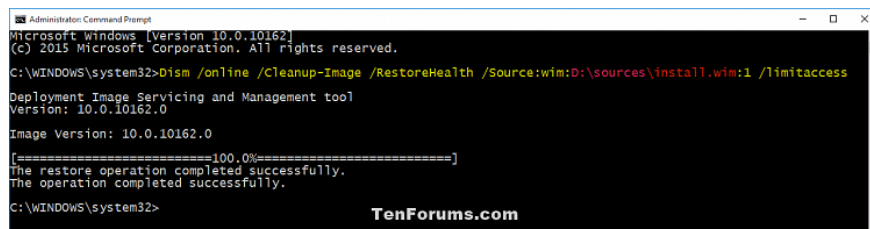
In the Command Prompt, type the command below you want to use, then press **Enter** and go to Step 8.

```
Dism /Online /Cleanup-Image /RestoreHealth /Source:wim:Full Path to install.wim :
```

Or to prevent DISM from using Windows Update for online images:

```
Dism /Online /Cleanup-Image /RestoreHealth /Source:wim:Full Path to install.wim :
```

Note : in the above command is the index number of your system version of Windows 10.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.10162]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>Dism /online /Cleanup-Image /RestoreHealth /Source:wim:D:\sources\install.wim:1 /limitaccess
Deployment Image Servicing and Management tool
Version: 10.0.10162.0

Image Version: 10.0.10162.0

[=====100.0%=====]
The restore operation completed successfully.
The operation completed successfully.

C:\WINDOWS\system32>
```

Step 7. Use the command / RestoreHealth / Source: esd

Use the / RestoreHealth / Source: esd command to locate the install.esd file as the source of a good file version that can be used to fix errors. This process may take more than a dozen minutes to several hours depending on the level of error.

Locate the Windows 10 ISO file with install.esd in the sources directory of the mounted ISO file and the index number for the Windows 10 version using the command below in the Command Prompt as admin:

```
dism /get-wiminfo /wimfile::sourcesinstall.esd
```

Replace Drive Letter with the actual drive letter of the mounted ISO file.

In the Command Prompt type the following command and press **Enter** , then go to Step 8.

```
Dism /Online /Cleanup-Image /RestoreHealth /Source:esd:Full Path to install.esd :
```

Or to prevent DISM from using Windows Update for online images:

```
Dism /Online /Cleanup-Image /RestoreHealth /Source:esd:Full Path to install.esd :
```

in the above command is the index number of the version of Windows 10 on your system.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.10162]
(c) 2015 Microsoft Corporation. All rights reserved.
C:\WINDOWS\system32>dism /online /Cleanup-Image /RestoreHealth /Source:esd:C:\$windows.~BT\Sources\Install1.esd:1 /limitaccess
Deployment Image Servicing and Management tool
Version: 10.0.10162.0
Image Version: 10.0.10162.0
[=====100.0%=====]
The restore operation completed successfully.
The operation completed successfully.
C:\WINDOWS\system32>
```

Step 8 . If you follow Step 5, Step 6 or Step 7, you should restart the computer.

2. Run the DISM / Cleanup-Image tool in PowerShell

Step 1 . Open PowerShell as admin.

Step 2 . Execute Step 3, Step 4, Step 5, Step 6, or Step 7 to execute the DISM command you want to use.

Step 3 . Use the / CheckHealth command

In PowerShell, enter the following command, press **Enter** and go to Step 8.

```
Repair-WindowsImage -Online -CheckHealth
```

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\WINDOWS\system32> Repair-WindowsImage -Online -CheckHealth

Path           :
Online          : False
ImageHealthState : Healthy
RestartNeeded  : False

PS C:\WINDOWS\system32> - TenForums.com
```

Step 4 . Use the / ScanHealth command

In PowerShell, enter the following command and press **Enter** , go to Step 8.

```
Repair-WindowsImage -Online -ScanHealth
```

Step 5 . Use the / RestoreHealth command

In PowerShell, enter the following command and press **Enter** , go to Step 8.

```
Repair-WindowsImage -Online -RestoreHealth
```

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\WINDOWS\system32> Repair-WindowsImage -Online -RestoreHealth

Path           :
Online          : False
ImageHealthState : Healthy
RestartNeeded  : False

PS C:\WINDOWS\system32> - TenForums.com
```

Step 6 . Use the command / RestoreHealth / Source: wim

Similarly, you need to identify the ISO Window 10 file with install.esd and find the index number for Windows 10 version.

Paste the following command into PowerShell:

```
Repair-WindowsImage -Online -RestoreHealth -Source "Full Path to install.wim file"
```

Or to prevent DISM from using Windows Update for online images.

```
Repair-WindowsImage -Online -RestoreHealth -Source "Full Path to install.wim file"
```

Replace in the above command with a real index number.

Step 7 . Use the command / RestoreHealth / Source: esd

Paste the following command into PowerShell and press **Enter** .

```
Repair-WindowsImage -Online -RestoreHealth -Source "Full Path to install.esd file"
```

Or to prevent DISM from using Windows Update for online images.

```
Repair-WindowsImage -Online -RestoreHealth -Source "Full Path to install.esd file"
```

Step 8 . Restart the computer after performing Steps 5, 6, and Step 7.

I wish you successful implementation!

You finished reading the article "**How to fix Windows 10 image with DISM**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.