

How to remove updates from Windows Recovery Environment (WinRE)

Today's tutorial will show you how to remove Windows updates from the Windows Recovery Environment (WinRE). This is useful in case after installing an update and you cannot boot Windows normally.

Now, the only way to solve the problem is to boot the system from Windows Installer Media and uninstall the problematic update with the DISM tool in Command Prompt.

How to uninstall updates in the WinRE and DISM tools.

If the update installation fails, it may cause Windows to fail to boot. In this case, you can delete the offline update, by following the steps below:

Step 1. Boot the system from the Windows installation media.

Step 2. In the screen below, press the **SHIFT** + **F10** keys to launch the Command prompt (or click **Next** > **Repair My Computer** > **Troubleshoot** > **Command Prompt**).



Step 3. At the command prompt, find a list of all drives on the system with this command:

```
wmic logicaldisk get name
```

```
Administrator: X:\windows\system32\cmd.exe
X:\Sources>wmic logicaldisk get name
Name
C:
D:
E:
X:
X:\Sources>
```

Step 4. Then find out which drive contains the "Windows" folder, by typing this command:

```
dir TÊN ? ??a:
```

For example, to see the contents of **C:** drive , type:

```
dir C:
```

If you cannot see the "Windows" folder on **C:** drive, continue to move on to the next drive (for example, "**dir D:**", "**dir E:**", etc.), until you see the folder "Windows".

As you can see in the screenshot below, the Windows folder (in this case) is located in drive **D :**.

```
Select Administrator: X:\windows\system32\cmd.exe
X:\Sources>dir c:
Volume in drive C is Δεσμευμένο από το σύστημα
Volume Serial Number is 8859-F512

Directory of C:\

11/21/2017  09:02 PM                24,576  bcdbackup
01/31/2018  10:45 AM          <DIR>      EFI
02/13/2018  04:42 PM                0  Recovery.txt
           2 File(s)                24,576 bytes
           1 Dir(s)           147,140,608 bytes free

X:\Sources>dir d:
Volume in drive D has no label.
Volume Serial Number is DA5F-891A

Directory of D:\

07/16/2016  03:47 AM          <DIR>      PerfLogs
07/20/2017  12:46 AM          <DIR>      Program Files
11/21/2017  08:39 AM          <DIR>      Program Files (x86)
02/13/2018  03:17 PM          <DIR>      Scratch
05/19/2017  08:05 AM          <DIR>      Users
02/13/2018  06:43 AM          <DIR>      Windows
           0 File(s)                0 bytes
           6 Dir(s)           33,898,303,488 bytes free

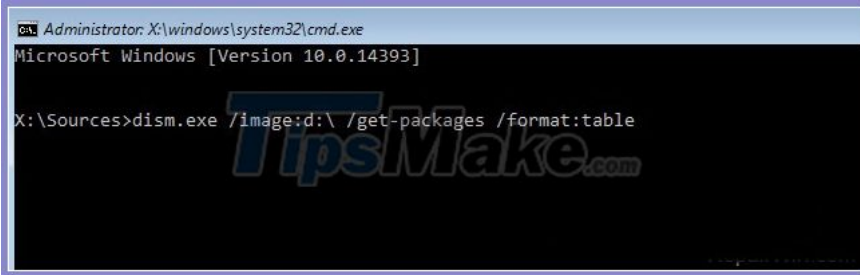
X:\Sources>
```

Step 5. When you find a drive containing "Windows" (drive D in this example), enter the following command to get a list of installed updates:

```
dism.exe /Image:D: /get-packages /format:table
```

Tip : If you don't know the KB name of the update that caused the startup problem, issue the following command to view the installation date of all packages.

```
dism.exe /Image:D: /get-packages /format:list
```



```
Administrator: X:\windows\system32\cmd.exe
Microsoft Windows [Version 10.0.14393]

X:\Sources>dism.exe /image:d:\ /get-packages /format:table
```

Step 6. In the "**Package Identity**" column , find out the Package Identity of the update you want to delete.

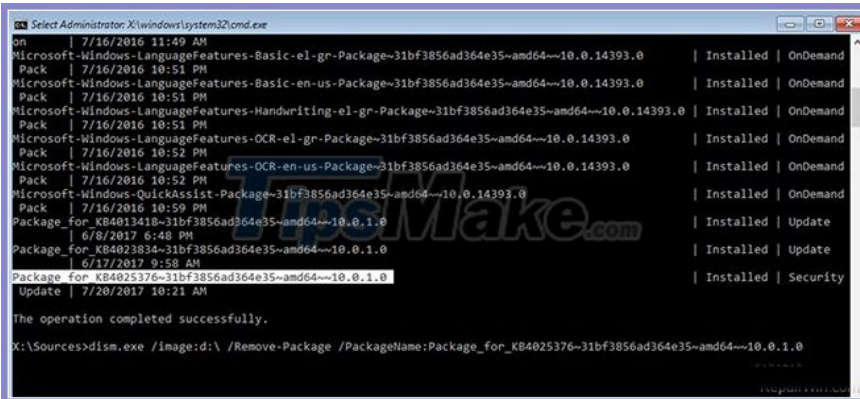
Example: "**Package_for_KB4058702 ~ 31bf3856ad364e35 ~ amd64 ~~ 16299.188.1.0**"

Step 7. Then enter the following command to remove the problematic update package:

```
dism /image:D: /Remove-Package /PackageName:PackageName
```

For example, to delete "**Package_for_KB4025376 ~ 31bf3856ad364e35 ~ amd64 ~~ 10.0.1.0** ", enter the following command:

```
dism /image:D: /Remove-Package /PackageName:Package_for_KB4025376~31bf3856ad364e35~amd64~~10.0.1.0
```



```
Select Administrator: X:\windows\system32\cmd.exe
on | 7/16/2016 11:49 AM
Microsoft-Windows-LanguageFeatures-Basic-el-gr-Package~31bf3856ad364e35~amd64~~10.0.14393.0 | Installed | OnDemand
Pack | 7/16/2016 10:51 PM
Microsoft-Windows-LanguageFeatures-Basic-en-us-Package~31bf3856ad364e35~amd64~~10.0.14393.0 | Installed | OnDemand
Pack | 7/16/2016 10:51 PM
Microsoft-Windows-LanguageFeatures-Handwriting-el-gr-Package~31bf3856ad364e35~amd64~~10.0.14393.0 | Installed | OnDemand
Pack | 7/16/2016 10:51 PM
Microsoft-Windows-LanguageFeatures-OCR-el-gr-Package~31bf3856ad364e35~amd64~~10.0.14393.0 | Installed | OnDemand
Pack | 7/16/2016 10:52 PM
Microsoft-Windows-LanguageFeatures-OCR-en-us-Package~31bf3856ad364e35~amd64~~10.0.14393.0 | Installed | OnDemand
Pack | 7/16/2016 10:52 PM
Microsoft-Windows-QuickAssist-Package~31bf3856ad364e35~amd64~~10.0.14393.0 | Installed | OnDemand
Pack | 7/16/2016 10:59 PM
Package_for_KB4013418~31bf3856ad364e35~amd64~~10.0.1.0 | Installed | Update
6/8/2017 6:48 PM
Package_for_KB4023834~31bf3856ad364e35~amd64~~10.0.1.0 | Installed | Update
6/17/2017 9:58 AM
Package_for_KB4025376~31bf3856ad364e35~amd64~~10.0.1.0 | Installed | Security
Update | 7/20/2017 10:21 AM

The operation completed successfully.

X:\Sources>dism.exe /image:d:\ /Remove-Package /PackageName:Package_for_KB4025376~31bf3856ad364e35~amd64~~10.0.1.0
```

Step 8. When the deletion process is complete, enter exit to close the Command prompt, then close all windows and turn off the computer.

Step 9. Finally, delete Windows Installer Media and start Windows as usual.

Good luck!

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