

Dual Window Grub Bootloader

If Windows update overwrites the Grub bootloader. Simple way to restore is to copy the debian bootloader (grubx64.efi) over the windows bootloader. Open CMD prompt as "Administrator" and mount the EFT partition as E: drive with: `mountvol E: /S`

```
E:\EFI>dir Volume in drive E has no label. Volume Serial Number is 502B-5BC6
```

```
Directory of E:\EFI
```

```
06-12-2016 20:05 <DIR> . 06-12-2016 20:05 <DIR> .. 06-12-2016 20:05 <DIR> Microsoft 13-02-2021
19:01 <DIR> Boot 27-11-2021 20:18 <DIR> HP 13-02-2021 08:35 <DIR> debian
```

```
0 File(s)          0 bytes
6 Dir(s)          160.800.768 bytes free
```

```
<code>
```

```
copy debian\grubx64.efi over Microsoft\Boot\bootmgfw.efi
```

BCDedit

```
C:\WINDOWS\system32>bcdedit
```

```
Windows Boot Manager
```

```
identifier {bootmgr} device partition=\Device\HarddiskVolume1 path \EFI\Microsoft\Boot\bootmgfw.efi
description Windows Boot Manager locale nl-NL inherit {globalsettings} default {current}
resumeobject {6beefd36-680a-11eb-ac07-a7444769703e} displayorder {current} toolsdisplayorder
{memdiag} timeout 0
```

```
Windows Boot Loader
```

```
identifier {current} device partition=C: path \WINDOWS\system32\winload.efi description Windows 10
locale nl-NL inherit {bootloadersettings} recoverysequence {5c5834f8-aff6-11e9-ac26-
ce270aa00281} displaymessageoverride Recovery recoveryenabled Yes isolatedcontext Yes
allowedinmemorysettings 0x15000075 osdevice partition=C: systemroot \WINDOWS resumeobject
{6beefd36-680a-11eb-ac07-a7444769703e} nx OptIn bootmenupolicy Standard
```

```
bcdedit /set {bootmgr} path \EFI\debian\grubx64.efi bcdedit /set {bootmgr} path
\EFI\Microsoft\Boot\bootmgfw.efi
```

```
bcdedit /enum firmware bcdedit /timeout 10 bcdedit /copy {current} /d "Linux"
```

```
Windows Boot Manager
```

```
identifier {6beefd39-680a-11eb-ac07-a7444769703e} device partition=\Device\HarddiskVolume1
path \EFI\Microsoft\Boot\bootmgfw.efi description Linux locale nl-NL inherit {globalsettings} default
{current} resumeobject {6beefd36-680a-11eb-ac07-a7444769703e} displayorder {current}
toolsdisplayorder {memdiag} timeout 10
```

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