

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
```

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

BCDedit

```
C:\WINDOWS\system32>bcdedit

Windows Boot Manager
-----
identifizier          {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
-----
identifizier          {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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