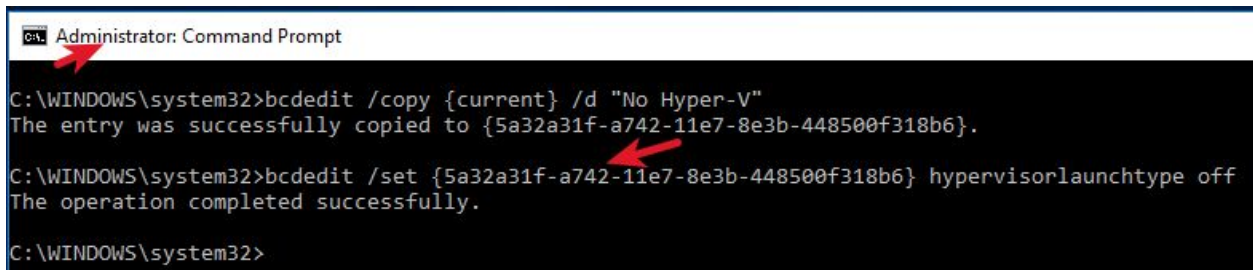


# Hyper-V uitschakelen voor VMware en VirtualBox

## Toevoegen van de optie "No Hyper-V" en instellen van "Hypervisorlaunchtype off"

Start een Command-line als Administrator



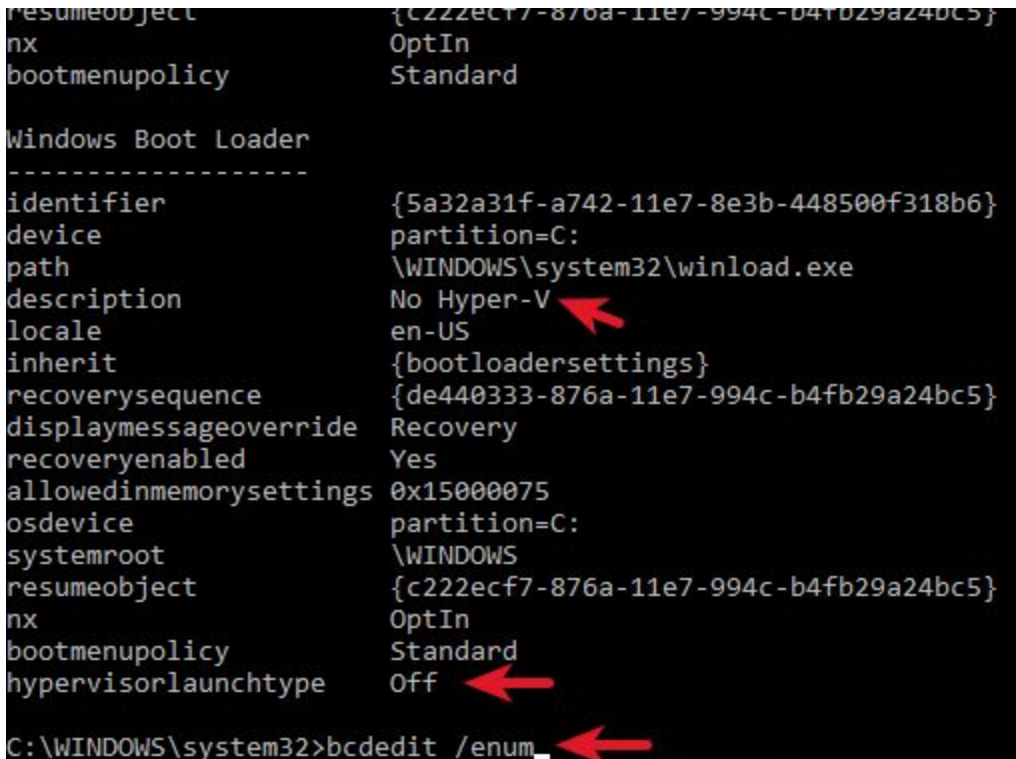
```
Administrator: Command Prompt

C:\WINDOWS\system32>bcdedit /copy {current} /d "No Hyper-V"
The entry was successfully copied to {5a32a31f-a742-11e7-8e3b-448500f318b6}.

C:\WINDOWS\system32>bcdedit /set {5a32a31f-a742-11e7-8e3b-448500f318b6} hypervisorlaunchtype off
The operation completed successfully.

C:\WINDOWS\system32>
```

Controleren of dit gelukt is



```
resumeobject {c222ecf7-876a-11e7-994c-b4fb29a24bc5}
nx OptIn
bootmenupolicy Standard

Windows Boot Loader
-----
identifier {5a32a31f-a742-11e7-8e3b-448500f318b6}
device partition=C:
path \WINDOWS\system32\winload.exe
description No Hyper-V
locale en-US
inherit {bootloadersettings}
recoverysequence {de440333-876a-11e7-994c-b4fb29a24bc5}
displaymessageoverride Recovery
recoveryenabled Yes
allowedinmemorysettings 0x15000075
osdevice partition=C:
systemroot \WINDOWS
resumeobject {c222ecf7-876a-11e7-994c-b4fb29a24bc5}
nx OptIn
bootmenupolicy Standard
hypervisorlaunchtype Off
C:\WINDOWS\system32>bcdedit /enum
```

Instellen van de timeout van het Boot-menu van 30 seconden naar 10 seconden

```
Administrator: Command Prompt
C:\WINDOWS\system32>bcdedit /timeout 10
The operation completed successfully.
```

Controleren of dit gelukt is

```
Administrator: Command Prompt
C:\WINDOWS\system32>bcdedit /enum

Windows Boot Manager
-----
identifier           {bootmgr}
device               partition=\Device\HarddiskVolume1
description           Windows Boot Manager
locale               en-US
inherit               {globalsettings}
default               {current}
resumeobject          {c222ecf7-876a-11e7-994c-b4fb29a24bc5}
displayorder          {current}
                     {5a32a31f-a742-11e7-8e3b-448500f318b6}
toolsdisplayorder     {memdiag}
timeout               10
```

Je kan de computer nu herstarten om te kiezen tussen "Windows 10" (=met Hyper-V) en "No Hyper-V" (=zonder Hyper-V)

# Troubleshooting

je kan in een Administrator prompt "bcdedit /enum" typen. Vervolgens kan je op zoek gaan naar de "Windows Boot Loader" sectie met description "No Hyper-V" om hier de identifier te zien.

```
Windows Boot Loader
-----
identifier                {5a32a31e-a742-11e7-8e3b-448500f318b6}
device                    partition=C:
path                      \WINDOWS\system32\winload.exe
description                No Hyper-V
locale                    en-US
inherit                    {bootloadersettings}
recoverysequence           {de440333-876a-11e7-994c-b4fb29a24bc5}
displaymessageoverride     Recovery
recoveryenabled            Yes
allowedinmemorysettings    0x15000075
osdevice                   partition=C:
systemroot                 \WINDOWS
resumeobject               {c222ecf7-876a-11e7-994c-b4fb29a24bc5}
nx                         OptIn
bootmenupolicy             Standard

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

Deze identifier kan je dan gebruiken om nogmaals de "No Hyper-V" in te stellen.

```
Windows Boot Loader
-----
identifier                {5a32a31e-a742-11e7-8e3b-448500f318b6}
device                    partition=C:
path                      \WINDOWS\system32\winload.exe
description                No Hyper-V
locale                    en-US
inherit                    {bootloadersettings}
recoverysequence           {de440333-876a-11e7-994c-b4fb29a24bc5}
displaymessageoverride     Recovery
recoveryenabled            Yes
allowedinmemorysettings    0x15000075
osdevice                   partition=C:
systemroot                 \WINDOWS
resumeobject               {c222ecf7-876a-11e7-994c-b4fb29a24bc5}
nx                         OptIn
bootmenupolicy             Standard

C:\WINDOWS\system32>bcdedit /set {5a32a31e-a742-11e7-8e3b-448500f318b6} hypervisorlaunchtype off
The operation completed successfully.

C:\WINDOWS\system32>
```

Je kan controleren of het gelukt is door opnieuw het commando "bcdedit /enum" te typen

```
Windows Boot Loader
-----
identifier           {5a32a31e-a742-11e7-8e3b-448500f318b6}
device              partition=C:
path                \WINDOWS\system32\winload.exe
description          No Hyper-V
locale              en-US
inherit             {bootloadersettings}
recoverysequence    {de440333-876a-11e7-994c-b4fb29a24bc5}
displaymessageoverride Recovery
recoveryenabled      Yes
allowedinmemorysettings 0x15000075
osdevice            partition=C:
systemroot          \WINDOWS
resumeobject        {c222ecf7-876a-11e7-994c-b4fb29a24bc5}
nx                  OptIn
bootmenupolicy       Standard
hypervisorlaunchtype Off
C:\WINDOWS\system32>bcdedit /enum
```


Vervolgens herstarten en kijken of het werkt.

Indien je entries te veel zou hebben, kan je deze ook weggooien met:

```
displayorder {current}
toolsdisplayorder {memdiag}
timeout 30

Windows Boot Loader
-----
identifier {current}
device partition=C:
path \WINDOWS\system32\winload.exe
description Windows 10
locale en-US
inherit {bootloadersettings}
recoverysequence {de440333-876a-11e7-994c-b4fb29a24bc5}
displaymessageoverride Recovery
recoveryenabled Yes
allowedinmemorysettings 0x15000075
osdevice partition=C:
systemroot \WINDOWS
resumeobject {c222ecf7-876a-11e7-994c-b4fb29a24bc5}
nx OptIn
bootmenupolicy Standard

C:\WINDOWS\system32>bcdedit /delete {5a32a31e-a742-11e7-8e3b-448500f318b6}
```



# Bootproblemen oplossen

Indien je boot niet meer werkt en je volgend scherm krijgt



dan kan je volgende oplossing doorvoeren

Ga door naar volgend scherm (of boot van een windows CD/Stick)

Kies Repair your Computer/ Troubleshoot/ Advanced Options / Command Prompt

In command prompt:

- diskpart
  - sel disk 0
  - list vol
    - kijk welk het volumenummer <VOLNR> is van de SYSTEM-partition
  - set vol <VOLNR>
  - assign letter=G:



- exit
- cd /d G:\EFI\Microsoft\Boot\
  - bootrec /Fixboot
    - Het kan zijn dat je hier een Access-denied op krijgt
  - ren BCD BCD.old
  - bcdboot C:\Windows /l en-us /s G:All
- exit
- Nu kan je kiezen om door te starten naar je Windows
  - Anders kan je gewoon rebooten

```

Administrator: X:\windows\system32\cmd.exe - Diskpart

X:\Sources>Diskpart

Microsoft DiskPart version 10.0.10240

Copyright (C) 1999-2013 Microsoft Corporation.
On computer: MINWIN

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART> list volume

   Volume ###  Ltr  Label        Fs      Type        Size     Status       Info
   -----
Volume 0      F             DVD-ROM          0 B    No Media
Volume 1      C    System Rese  NTFS    Partition   500 MB   Healthy
Volume 2      D             NTFS    Partition   465 GB   Healthy
Volume 3             EFI          FAT32    Partition   200 MB   Healthy   Hidden
Volume 4      E    RECOVERY     FAT32    Removable   14 GB    Healthy

DISKPART> select volume 3

Volume 3 is the selected volume.

DISKPART> assign letter="G"

DiskPart successfully assigned the drive letter or mount point.

DISKPART>
  
```

Administrator: X:\windows\system32\cmd.exe

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART> list volume

Volume ###	Ltr	Label	Fs	Type	Size	Status	Info
Volume 0	F			DVD-ROM	0 B	No Media	
Volume 1	C	System Rese	NTFS	Partition	500 MB	Healthv	
Volume 2	D		NTFS	Partition	465 GB	Healthy	
Volume 3		EFI	FAT32	Partition	200 MB	Healthy	Hidden
Volume 4	E	RECOVERY	FAT32	Removable	14 GB	Healthy	

DISKPART> select volume 3

Volume 3 is the selected volume.

DISKPART> assign letter="G"

DiskPart successfully assigned the drive letter or mount point.

DISKPART> exit

Leaving DiskPart...

X:\Sources>cd /d E:\efi\microsoft\boot

E:\efi\microsoft\boot>

Administrator: X:\windows\system32\cmd.exe

Volume 0	F			DVD-ROM	0 B	No Media	
Volume 1	C	System Rese	NTFS	Partition	500 MB	Healthv	
Volume 2	D		NTFS	Partition	465 GB	Healthy	
Volume 3		EFI	FAT32	Partition	200 MB	Healthy	Hidden
Volume 4	E	RECOVERY	FAT32	Removable	14 GB	Healthy	

DISKPART> select volume 3

Volume 3 is the selected volume.

DISKPART> assign letter="G"

DiskPart successfully assigned the drive letter or mount point.

DISKPART> exit

Leaving DiskPart...

X:\Sources>cd /d E:\efi\microsoft\boot

E:\efi\microsoft\boot>bootrec /fixboot  
The operation completed successfully.

E:\efi\microsoft\boot>ren BCD BCD.old

E:\efi\microsoft\boot>bcdboot D:\windows /l en-us /s G: all  
Boot files successfully created