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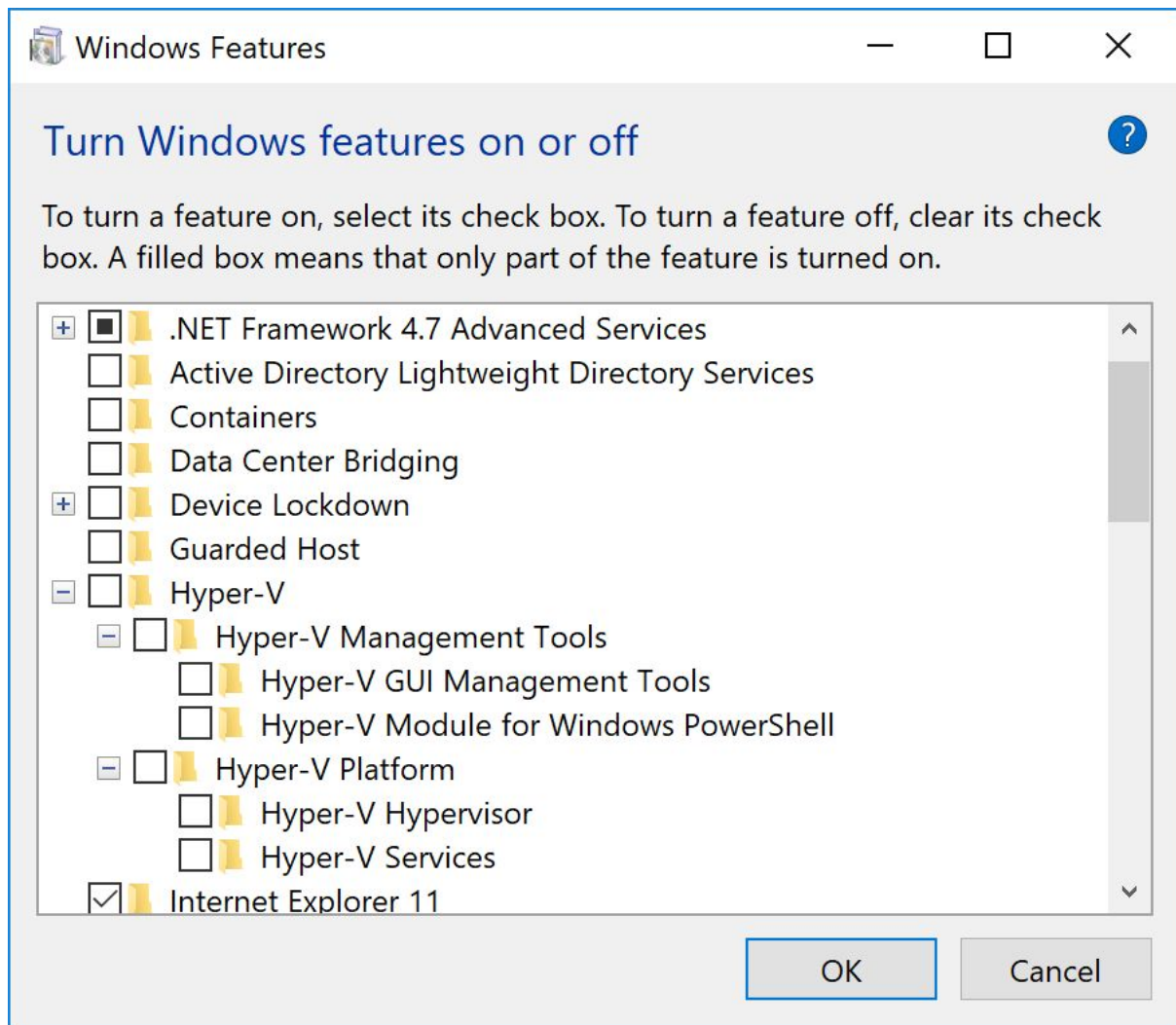
There are multiple ways to turn off/on the Hyper-V in W10 Pro. This documentation provide a solution based on working with the prompt command of Windows. Be careful that this documentation imply you have a WINDOWS 10 PRO 64 bits. However this scenario happened also to users of other Windows editions.

It is important to note that this guide is NOT failproof. There are some cases where users still retain problems with the Hyper-V.

Prerequisites

For starter is crucial to say this documentation will be useful only if this prerequisites are met but the Hyper-V is still functional blocking your other virtualization options.

Disable Hyper-V through Control Panel\Programs\Programs and Features\ Hyper-V (an easy way to access Program and Features is to just type "Hyper-V" in the search bar). Take care that every Hyper-V module is deactivated with it.



Checking the Hyper-V status

Follow these next steps:

1) Open command prompt as Administrator (button home/windows + R will open execution window, type cmd in there);

2) Type the command below to run bcdedit to check hypervisor status:

bcdedit

3) Check hypervisor launch type:

```
description      Windows 10
locale           en-US
inherit          {bootloadersettings}
recoverysequence {e8d7e076-21cc-11e8-bac2-bc050a170576}
displaymessageoverride Recovery
recoveryenabled  Yes
badmemoryaccess  Yes
isolatedcontext  Yes
allowedinmemorysettings 0x15000075
osdevice         partition=C:
systemroot       \WINDOWS
resumeobject     {84c39c5d-014b-11e6-82ca-acd1b8df1b1c}
nx               OptIn
bootmenupolicy   Standard
hypervisorlaunchtype Auto
```

4) If Hypervisorlauncnchtype is set to **auto** then disable it with this command:

```
bcdedit /set hypervisorlaunchtype off
```

5) Reboot host machine and launch VirtualBox (any other virtualization software) again

6) Enjoy...

I hope this helps.

To reactivate the Hyper-V, follow the same procedure as before and input this command:

```
bcdedit /set hypervisorlaunchtype auto
```

From my experience it's imperative to write "auto" and not "on" cause Windows will try to reach all the files that you have disabled in the **Prerequisites** section of this documentation.

SOME POSSIBLE EXTRA STEP

This section is to follow ONLY if you still have problems after following the guide. DO NOT do this extra steps before you are absolutely sure that the is still a problem related to the Hyper-V.

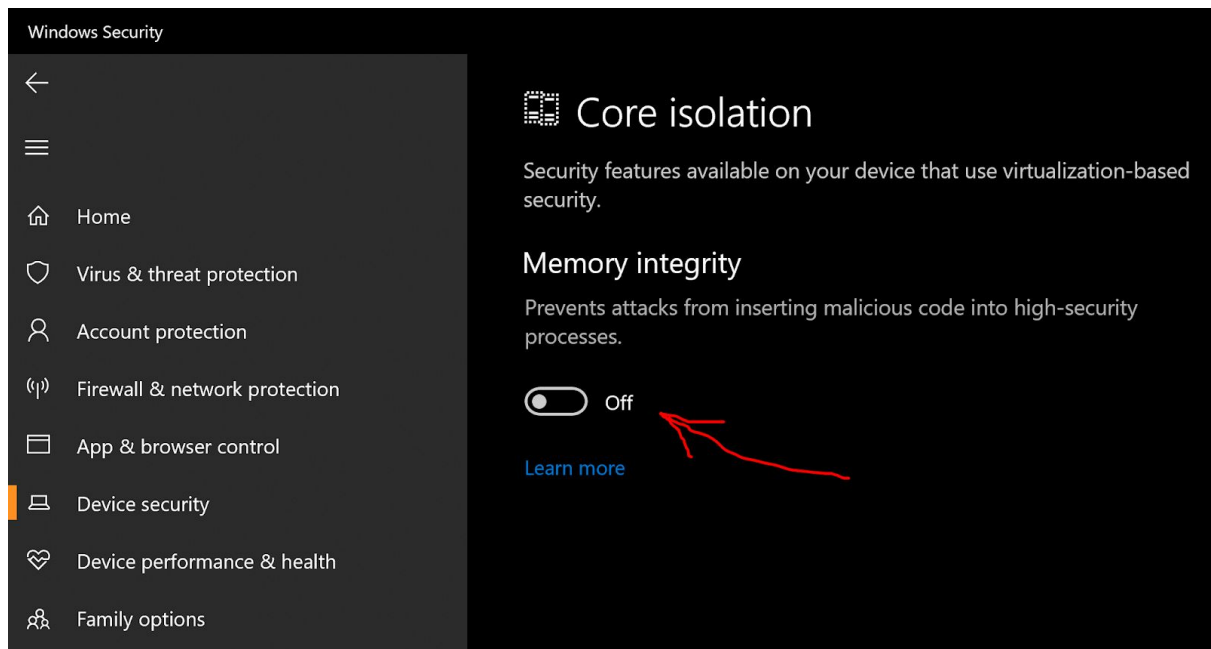
CASE 1:

After you submitted the command:

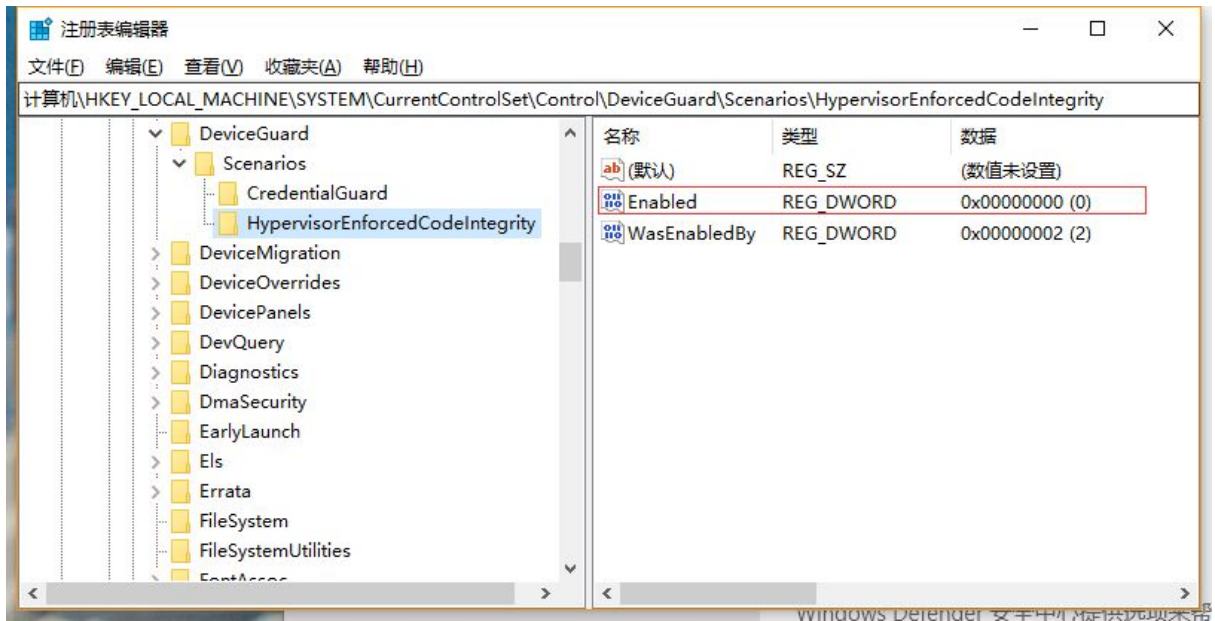
```
bcdedit /set hypervisorlaunchtype off
```

Follow these instructions:

If core isolation is enabled, turn it off. Path is: Windows Defender Security Center> Device Security> Core Quarantine. (This is the best image i can provide)



If you cannot modify it, you can change the value of HKEY_LOCAL_MACHINE \ SYSTEM \ CurrentControlSet \ Control \ DeviceGuard \ Scenarios \ HypervisorEnforcedCode Integrity \ Enabled in the registry to 0



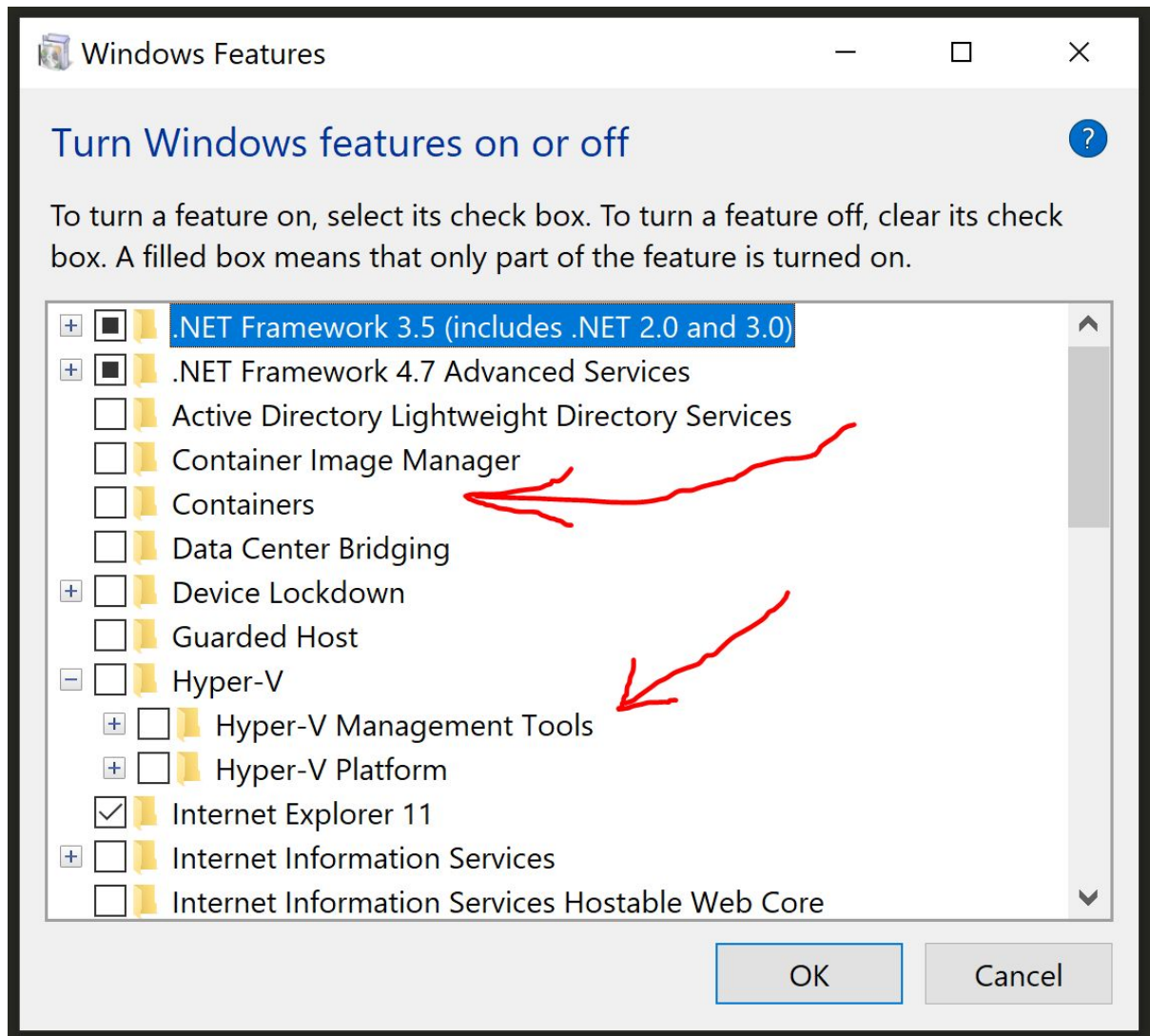
CASE 2:

This is a scenario specific for users that are using **Vagrant** with **Virtualbox**.

Turn off 'Hyper-V'

Turn off 'Containers'

Turn off 'Windows Subsystem for Linux'


















Windows Features



Turn Windows features on or off



To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.

- ☒  SMB Direct
- ☐  Telnet Client
- ☐  TFTP Client
- ☐  Virtual Machine Platform
- ☐  Windows Defender Application Guard
- ☐  Windows Hypervisor Platform
- ☐  Windows Identity Foundation 3.5
- ☒  Windows PowerShell 2.0
- ☐  Windows Process Activation Service
- ☐  Windows Projected File System
- ☐  Windows Subsystem for Linux
- ☐  Windows TIFF IFilter
- ☒  Work Folders Client

OK

Cancel

Then:

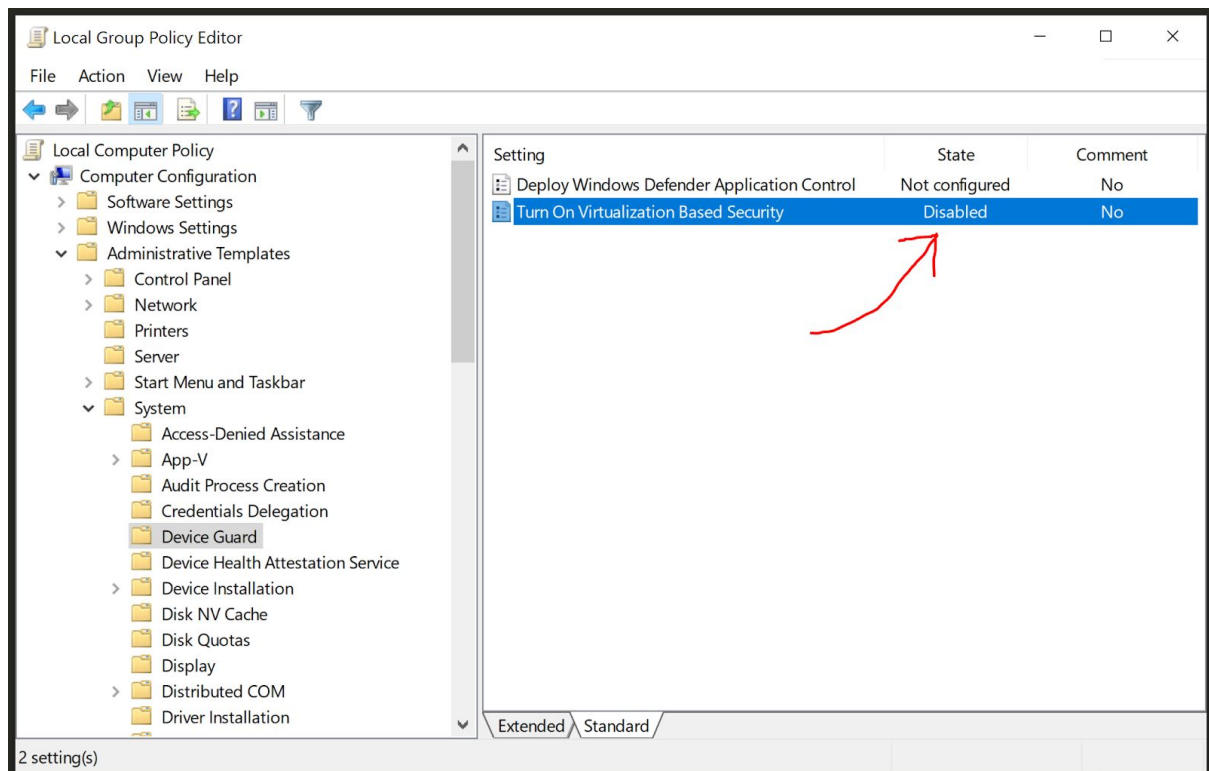
`cmd: bcdedit /set hypervisorlaunchtype off`

Then:

(`cmd: gpedit.msc`)

Local Computer Policy -> Computer Configuration -> Administrative Templates -> System -> Device Guard ->

Disable 'Turn On Virtualization Based Security'



To end it with:

Settings -> Update & Security -> Windows Security -> Device Security -> Core isolation details -> Memory integrity -> Off



Home



Virus & threat protection



Account protection



Firewall & network protection



App & browser control



Device security



Device performance & health



Family options



Core isolation

Security features available on your device that use virtualization-based security.

Memory integrity

Prevents attacks from inserting malicious code into high-security processes.



Off

[Learn more](#)

