

# Powering on a vm in VMware Workstation on Windows 10 host where Credential Guard/Device Guard is enabled fails with BSOD (2146361)

Document Id  
2146361

**Symptoms**  
Powering on a virtual machine in VMware Workstation prior to version 12.5 on a Windows 10 host where Credential Guard or Device Guard is enabled fails with a blue diagnostic screen (BSOD).  
From VMware Workstation 12.5, you see error similar to:  
  
VMware Workstation and Device/Credential Guard are not compatible. VMware Workstation can be run after disabling Device/Credential Guard.

For more information, see  
Windows 10 host where Credential Guard or Device Guard is enabled fails when running Workstation (2146361) (/s/article/2146361?r=2&KM\_Utility.getArticleLanguage=1&KM\_Utility.getArticle=1&KM\_Utility.getGUser=1&KM\_Utility.getArticleData=1&Quarterback.validateRoute=

**Purpose**  
This article provides steps to disable Credential Guard or Device Guard for a Windows 10 Enterprise host.

**Cause**  
This issue occurs because Device Guard or Credential Guard is incompatible with Workstation.

**Resolution**  
To disable Device Guard or Credential Guard:

1. Disable the group policy setting that was used to enable Credential Guard.
  1. On the host operating system, click **Start** > **Run**, type `gpedit.msc`, and click **Ok**. The Local group Policy Editor opens.
  2. Go to **Local Computer Policy** > **Computer Configuration** > **Administrative Templates** > **System** > **Device Guard** > **Turn on Virtualization Based Security**.
  3. Select **Disabled**.
2. Go to **Control Panel** > **Uninstall a Program** > **Turn Windows features on or off to turn off Hyper-V**.
3. Select **Do not restart**.
4. Delete the related EFI variables by launching a command prompt on the host machine using an Administrator account and run these commands:

```
mountvol X: /s
copy %WINDIR%\System32\SecConfig.efi X:\EFI\Microsoft\Boot\SecConfig.efi /Y
bcdedit /create {0cb3b571-2f2e-4343-a879-d86a476d7215} /d "DebugTool" /application osloader
bcdedit /set {0cb3b571-2f2e-4343-a879-d86a476d7215} path "\EFI\Microsoft\Boot\SecConfig.efi"
bcdedit /set {bootmgr} bootsequence {0cb3b571-2f2e-4343-a879-d86a476d7215}
bcdedit /set {0cb3b571-2f2e-4343-a879-d86a476d7215} loadoptions DISABLE-LSA-ISO,DISABLE-VBS
bcdedit /set {0cb3b571-2f2e-4343-a879-d86a476d7215} device partition=X:
mountvol X: /d
```

**Note:** Ensure X is an unused drive, else change to another drive.
5. Restart the host.
6. Accept the prompt on the boot screen to disable Device Guard or Credential Guard.

**Related Information**  
在启用了 Credential Guard 或 Device Guard 的 Windows 10 主机上运行 Workstation 失败 (/s/article/2148465?r=2&KM\_Utility.getArticleLanguage=1&KM\_Utility.getArticle=1&KM\_Utility.getGUser=1&KM\_Utility.getArticleData=1&Quarterback.validateRoute=

**Request a Product Feature**  
To request a new product feature or to provide feedback on a VMware product, please visit the Request a Product Feature ([http://www.vmware.com/contact/contactus.html?department=prod\\_request](http://www.vmware.com/contact/contactus.html?department=prod_request)) page.

Feedback

★ ★ ★ ★ ★

Did this article help you?

☐

This article resolved my issue.

☐

This article did not resolve my issue.

☐

This article helped but additional information was required to resolve my issue.

\*


(required) What can we do to improve this information? (4000 or fewer characters)

Email Id

Submit

Actions

 [Bookmark Article](#)

 [Print Article](#)

 [Subscribe to Article](#)

**Article : 2146361**

**Updated :** Dec 8, 2017

**Total Views :** 48532

**Categories :**  
[Troubleshooting](#)

**Language :**  
[English](#)

**Product(s):**  
[VMware Workstation](#)

**Product Version(s):**  
[VMware Workstation Pro 12.x \(Windows\)](#)  
[VMware Workstation Pro 14.x \(for Windows\)](#)

**Permalink to:** Powering on a vm in VMware Workstation on Windows 10 host where Credential Guard/Device Guard is enabled fails with BSOD (<https://kb.vmware.com/kb/2146361>)

[CONTACT SALES](#)    [GET SUPPORT](#)    [ABOUT VMWARE](#)    [CAREERS](#)

THOUGHT LEADERSHIP

© 2018 VMware, Inc    [Terms of Use](#)    [Privacy](#)    [Accessibility](#)    [Site Map](#)    [Trademarks](#)    [Help](#)    [!\[\]\(235bfe13ebf007ce2eea9e689707fac7\_img.jpg\)](#) [!\[\]\(bbad87fcdf5285698c00ff2227464bf2\_img.jpg\)](#) [!\[\]\(f40fcf1439bdf0ff0174e7d9c96d1715\_img.jpg\)](#) [!\[\]\(ae76bfd3801b6b0a4b12226d57660fe9\_img.jpg\)](#) [!\[\]\(0d7f0d4c8e78ec4e40d6241915973773\_img.jpg\)](#)