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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 <code>gpedit.msc</code>, 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} $\texttt{bcdedit} / \texttt{set} \texttt{ \{0cb3b571-2f2e-4343-a879-d86a476d7215\} } \texttt{ loadoptions DISABLE-LSA-ISO,DISABLE-VBS} \texttt{ loadoptions DISABLE-VBS} \texttt{ loadoptions DISAB$ 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.

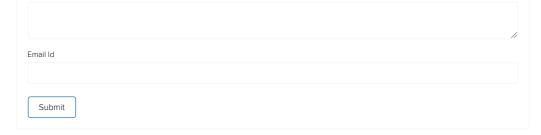
Related Information

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.getArticle=1&KM_Utility.getArticle=1&KM_Utility.getArticleData=1&Quarterback.validateRoute=

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Language:
English

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Product Version(s): VMware Workstation Pro 12.x (Windows) VMware Workstation Pro 14.x (for Windows)

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