# CML Personal Intel VT-x/EPT Issue

In some scenarios, it is observed that the CML deployed in VMware workstation/workstation PRO running Windows Operating systems, may not boot with the error, VT-X is not supported on the platform.



Clicking "yes", It may run into another error and would not allow you to start CML VM.



### Troubleshoot steps:

### 1) Local Group Policy Editor

Open Local group Policy Editor in Windows Start menu



• Computer Configuration > Administrative Templates > System > Device Guard > Turn On Virtualization Based Security=> edit from Not configured to Disabled



 Computer Configuration > Administrative Templates > System > Device Guard > Deploy Windows Defender=> edit from Not configured to Disabled



# 2) Turn Windows features on and off

Open "Turn Windows features on or off in Windows Start menu

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• Turn off Hyper-V, Microsoft Defender Application Guard, Windows Subsystem for Linux, Virtual Machine Platform, Windows Hypervisor Platform.



# 3) Windows Security

Open Device security in Windows Start menu

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• Device Security > Core Isolated > Turn off "Memory integrity" toggle inside "Core Isolation".

Windows Security



# 4) Edit Registry

Open Windows Registry Editor in Windows Start menu, Run as Administrator

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\*PATH:

• Computer\HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\DeviceGuard\Sce narios\HypervisorEnforcedCodeIntegrity => edit Enabled to 0

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• Computer\HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\DeviceGuard

**Set VBS value to "0"** from Registry Editor ("EnableVirtualizationBasedSecurity" DWORD Key).

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> DeviceOverrides > DevicePanels > DevQuery		Value name: EnableVirtualizationBasedSecu Value data:	urity Base		
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• Computer\HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\DeviceGuard

**Set DeviceGuard value to "0"** from Registry Editor ("RequirePlattformSecurityFeatures" DWORD Key).

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• Computer\HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Lsa

Set CredentialGuard value to "0" from Registry Editor ("LsaCfgFlags" DWORD Key").

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ComponentUpdates     Credsp     Data     DPL     FipsAlgorithmPolicy     GBG     DD	LsaCfgFlags LsaCfgFlags LsaCfgFlags LsaCfgFlags NC LsaCfgFlags LsaCfgFlags Value data	REG_DWORD X	0x00 0x00 0x00 0x00 sceci 0x00
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#### 5) Download and run Device Guard and Credential Guard readiness tool script

• Download the script from the below Official Windows link.

https://www.microsoft.com/en-

us/download/details.aspx?id=53337&msockid=3353bc8848b26c971100a9b5490b6dde

Open Windows PowerShell as Administrator



Navigate to the Folder to which you have extracted the downloaded file

		WI ICCI IIIC	Lengen	Name
a	7/27/2018	1:45 PM	10949	DefaultWindows_Audit.xml
a	10/19/2018	11:02 AM	2312	DefaultWindows_Audit_sipolicy.p7b
a	7/27/2018	1:45 PM	10888	DefaultWindows_Enforced.xml
-a	10/19/2018	11:02 AM	2316	DefaultWindows_Enforced_sipolicy.p7b
-a	10/22/2018	4:08 PM	77648	DG_Readiness_Tool_v3.6.ps1
-a	10/19/2018	2:52 PM	6079	ReadMe.txt

Usage: .\DG\_Readiness.ps1 -Disable

Reboot and press F3 twice to confirm.

### 6) Upgrade VM compatibility

Upgrade VM hardware compatibility to latest in CML Edit Virtual Machine Settings in Workstation





Try booting the CML VM Now