

# EVE-NG Documentation

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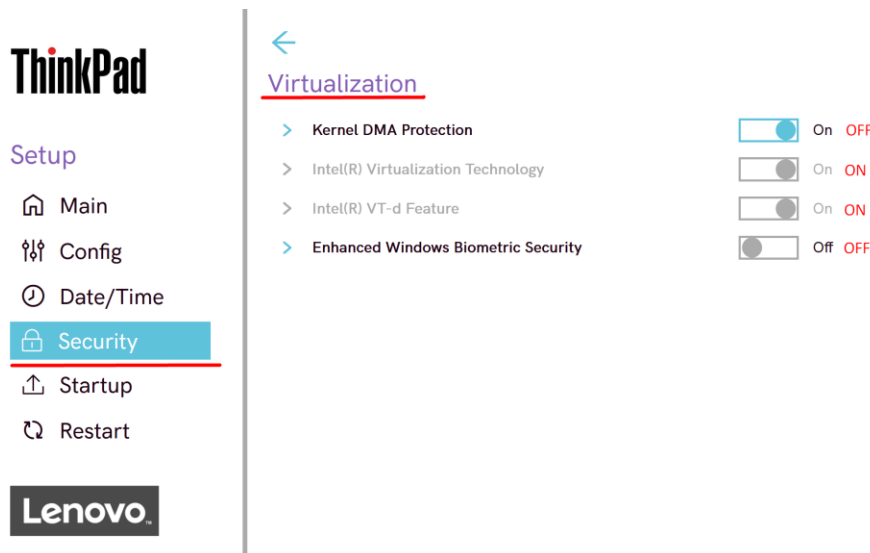
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# How to enable Windows 11 24H2 Virtualization

## BIOS Settings

1. First you must be sure if your CPU supports virtualization and it is enabled in the BIOS. Different vendors and BIOS will have different screen and setup options, but logic virtualization settings are same. Virtualization must be set as ON. Below is example for Lenovo X1 Carbon Laptop BIOS.



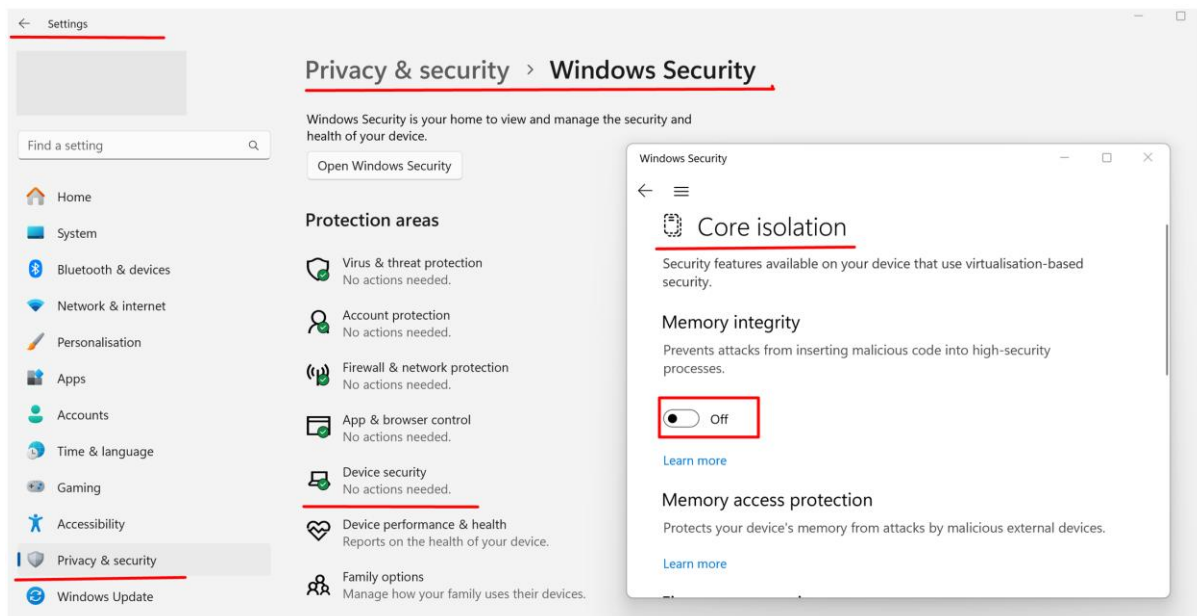
## Disable Memory Integrity

2. Disable Windows 11 Memory Integrity option:

It's located as following in Windows 11:

*Settings -> Privacy & security -> Windows Security -> Device security -> Core isolation -> Memory integrity.*

**Disable it/OFF.**





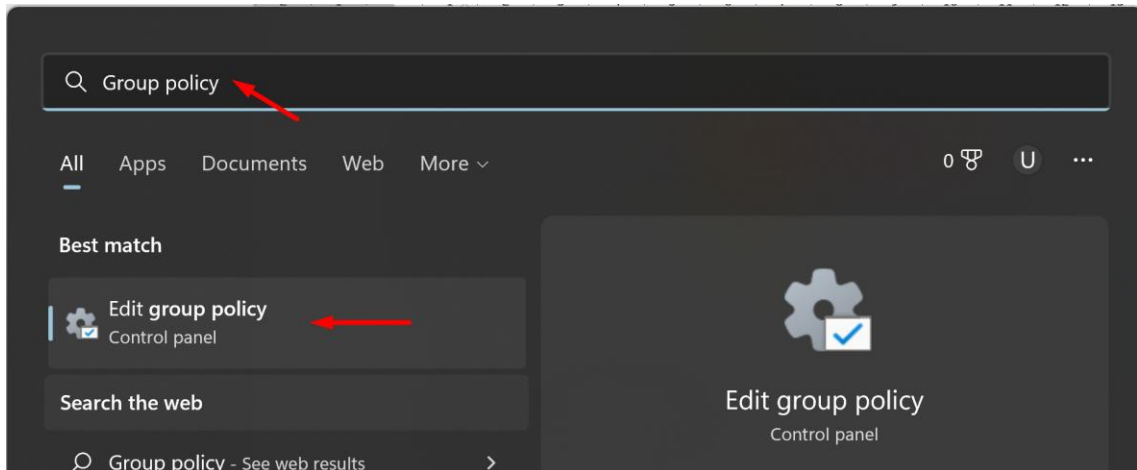
## 6. Disable Windows Hello: Run/regedit

### Reg-Key

```
"HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\DeviceGuard\Scenarios\WindowsHello\Enabled" -> 0
```

## 7. (Option if to use Group Policy Edit) Process to turn off virtualization-based Security:

7.1. Use Windows 11 Search and find Group policy editor (Windows 11 Pro only), Home edition is required to make settings manually via regedit. [VM Ware kbit link below.](#)



7.2. Go to *Local Computer Policy > Computer Configuration > Administrative Templates > System*

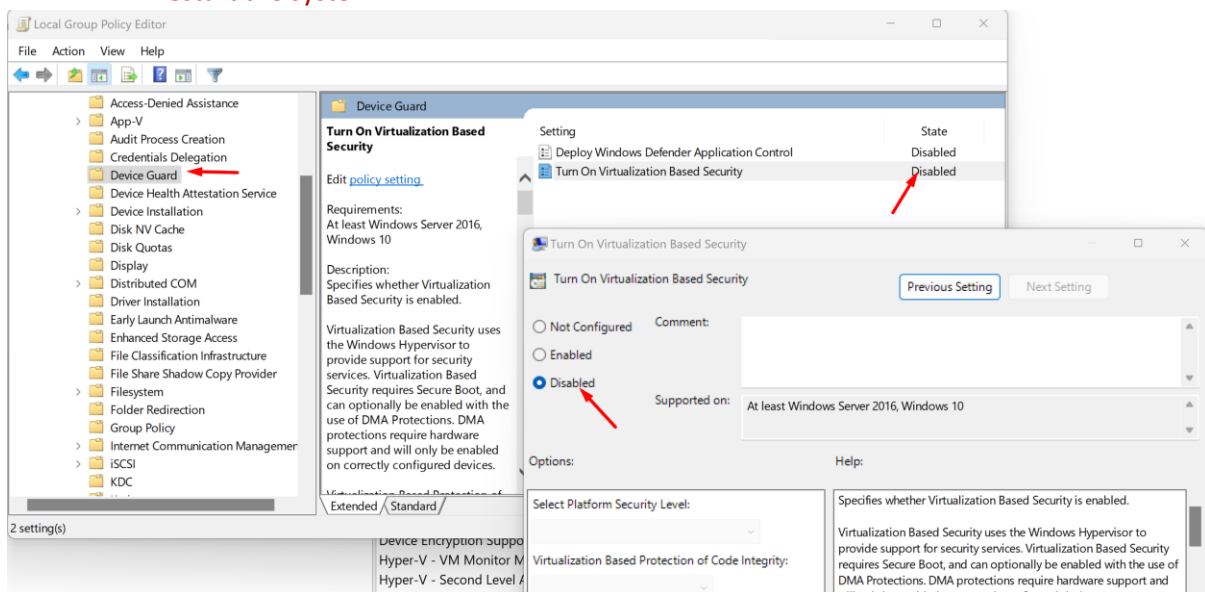
7.3. Double Click on Device Guard on the right-hand side to open.

7.4. Double Click on "Turn on Virtualization Security" to open a new window

7.5. It would be "Not Configured", Select "Disable" and click "Ok"

7.6. Close the Group Policy Editor.

7.7. Restart the system



## Verify your Windows 11 virtualization settings

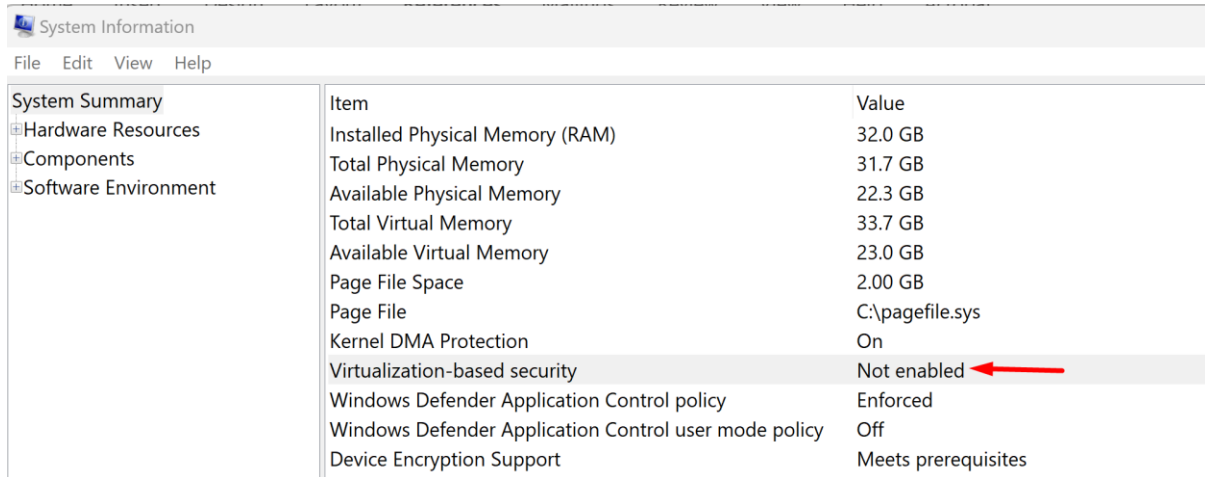
8. To verify if your Windows has disabled Virtual machine security:

msinfo32/system

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.3155]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>msinfo32/system
C:\Windows\System32>
```

Output MUST show:



Item	Value
Installed Physical Memory (RAM)	32.0 GB
Total Physical Memory	31.7 GB
Available Physical Memory	22.3 GB
Total Virtual Memory	33.7 GB
Available Virtual Memory	23.0 GB
Page File Space	2.00 GB
Page File	C:\pagefile.sys
Kernel DMA Protection	On
Virtualization-based security	Not enabled
Windows Defender Application Control policy	Enforced
Windows Defender Application Control user mode policy	Off
Device Encryption Support	Meets prerequisites

Reference to: <https://kb.vmware.com/s/article/2146361>