

Problemas

VirtualBox 7.2 y Debian 13

- El problema principal con VT-x en VirtualBox 7.2 en Debian 13 (Trixie) ocurre porque KVM (otro hipervisor) entra en conflicto con VirtualBox, bloqueando el uso de la virtualización por hardware (VT-x/AMD-V).
- Esto genera errores como "VirtualBox can't operate in VMX root mode" o "VT-x is being used by another hypervisor".
- Desactivar los módulos KVM resuelve el fallo en la mayoría de casos.[1][2][3][4]

Pasos para solucionar

- Ejecuta estos comandos según tu CPU: verifica con

```
lscpu | grep Vendor
```

- **Para Intel (kvm_intel):**

```
# modprobe -r kvm_intel
# modprobe -r kvm
```

- **Para AMD (kvm_amd):**

```
# modprobe -r kvm_amd
# modprobe -r kvm
```

- Para que sea permanente, añade al blacklist:

```
# echo "blacklist kvm_intel" | tee -a /etc/modprobe.d/blacklist.conf # Intel
# echo "blacklist kvm" | tee -a /etc/modprobe.d/blacklist.conf
```

Reiniciar el sistema y probar la VM en VirtualBox.[3][4][1]

Verificar VT-x en BIOS

- Asegúrate de que VT-x/AMD-V esté habilitado en la BIOS/UEFI (reinicia, entra con F2/Del, busca en Advanced > CPU > Virtualization Technology). En VirtualBox, ve a VM > Configuración > Sistema > Procesador y activa "Habilitar VT-x/AMD-V" si está disponible.[5][6]

Instalación correcta de VirtualBox 7.2

- Si no está instalado, añade el repositorio oficial:

```
# wget -q https://www.virtualbox.org/download/oracle_vbox_2016.asc -O- | tee
/etc/apt/keyrings/oracle_vbox.asc
# echo "deb [signed-by=/etc/apt/keyrings/oracle_vbox.asc]
https://download.virtualbox.org/virtualbox/debian trixie contrib" | tee
/etc/apt/sources.list.d/virtualbox.list
# apt update && apt install virtualbox-7.2 dkms linux-headers-$(uname -r)
# /sbin/vboxconfig
```

- Instala el Extension Pack para soporte completo.[2][3]

Enlaces

- [1](https://www.reddit.com/r/debian/comments/1n35c1k/cant_make_virtualbox_720_functional/)
- [2](<https://linuxiac.com/how-to-install-virtualbox-on-debian-13-trixie/>)
- [3](https://www.server-world.info/en/note?os=Debian_13&p=virtualbox&f=1)
- [4](<https://voragine.net/linux/virtualbox-cant-operate-in-vmx-root-mode>)
- [5](<https://stackoverflow.com/questions/34746462/error-vt-x-is-disabled-in-the-bios-for-all-cpu-modes-verr-vmx-msr-all-vmx-disa>)
- [6](<https://stackoverflow.com/questions/54251855/virtualbox-enable-nested-vtx-amd-v-greyed-out>)

- [7](<https://www.facebook.com/groups/linuxpc/posts/25157750570495005/>)
- [8](https://www.reddit.com/r/debian/comments/1ijg7vy/install_virtualbox_on_debian_trixie/)
- [9](<https://www.facebook.com/groups/lifewithdebian/posts/10161788914678977/>)
- [10](https://www.youtube.com/watch?v=ons_fTePvRU)
- [11](<https://www.facebook.com/groups/KDECommunity/posts/10021281484638715/>)
- [12](https://www.reddit.com/r/linuxadmin/comments/1ozp7mn/debian_13_trixie_how_to_install_in_qemu_vm_kde/)
- [13](https://www.reddit.com/r/techsupport/comments/ce8ifq/how_to_enable_vtx_in_bios/)
- [14](<https://www.youtube.com/watch?v=V8NaxBz0qJo>)
- [15](https://www.reddit.com/r/linux4noobs/comments/1ntbjhw/trying_to_install_virtual_box_but_getting_an_error/)
- [16](<https://www.youtube.com/watch?v=XyRjISuoQdg>)
- [17](<https://www.youtube.com/watch?v=Qr7O3dVV7fM>)
- [18](<https://www.youtube.com/watch?v=2GcvQHVEgsM>)
- [19](https://www.reddit.com/r/virtualbox/comments/1g06rno/enable_nested_vtxamd_v_box_is_greyed_out_for_me/)

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