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r/Proxmox • 1 yr. ago

Inside-Athlete-1385



Easy Anti-Cheat: "Cannot run under Virtual Machine" in windows vm (proxmox)

Hello

I'm attempting to set up a cloud gaming server using a Windows virtual machine (VM) within Proxmox. I'm not the first person to try this, but unfortunately, I'm running into some issues. After searching online forums, I haven't found any solutions that work for me.

To troubleshoot, I've tried adding specific `arg: -cpu 'host,kvm=off'` to my configuration file and modifying the SCSI controller to LSI. However, Windows still detects that it's being virtualized, which isn't what I want.

I'm a bit confused by the topic, as there seems to be different approaches depending on the system. Despite finding a lot of information online, none of the solutions have worked for me so far. Can someone help me figure out how to hide for windows that it is being virtualized?

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yanjar • 1y ago • Edited 2mo ago

* Updated @ 2025-03-14 *

Just try again when installing windows 11 in the VM. #2 and 3 below no longer need and EAC, nProtect GameGuard still function properly. There is performance issue if virtio driver is not used (hiccups during video playback).

i bypass the EAC by:

1. Fill in the BIOS information (VM -> Options -> SMIBIOS Setting)
2. ~~Don't use virtio driver. Detached the SCSI drive, edit and change it to SATA drive~~
3. ~~Change the boot order and enable the SATA drive~~
4. Network card MAC address change to INTEL type



144



Reply



Inside-Athlete-1385 OP • 1y ago

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Also my cpu type is set to host, when creating the vm.

My config file also contains `args: -cpu host,-hypervisor,kvm=off`.

Everything works as it should. thanks :)

↑ 29 ↓ ○ Reply ...



EarFederal8656 • 5mo ago

This solution actually works!! Thank you!! but i only do the step 1 and 4

i did this modification to an existing windows 11 VM that was installed using virtio driver and the system is on a SCSI drive.

↑ 2 ↓ ○ Reply ...



Double2dy • 4mo ago

It worked for me as well using virtio drivers!

I've also tried only step 1 and 4, because I've already set up a Win11 VM with virtio driver and I didn't want to go through all that stuff again. The only thing that I would like to mention is that I edited this line in my <vmid>.conf:

```
cpu: host,hidden=1
```

(no other args or flags for the cpu.)

I just tested with Elden Ring that uses EAC and I managed to bypass it. Not sure if everything works perfectly fine with this setup.

↑ 2 ↓ ○ Reply ...

⊕ 1 more reply



poocheesey2 • 1y ago

What about virt-manager? Would this be easy to replicate?

↑ 1 ↓ ○ Reply ...



VivaPitagoras • 1y ago • Edited 1y ago

Does this mean I could use a Windows VM on Proxmox as a regular desktop? Right now I am dual booting but I have to restart everytime I want to switch OSs. I would prefer something more like an hypervisor that would allow me to change from one OS to another on the fly.



mwr44 • 1y ago

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It probably gets a bit tricky with things like bluetooth, but you can do that too again by using a passthrough card or usb bluetooth adapter.



Solid_Equipment • 1y ago

I'm trying to do this too. Do you also copy the UUID or leave it as is?
I used dmidecode --type 1 to get the info from



VI510N • 7mo ago

This comment needs to be higher! Following above entering your BIOS information as well as making sure drives and NICs are passed through properly is all you need for GPU passthrough. I used to use the "args: -cpu host,-hypervisor" line in my vm file, however this wrecks performance especially in games like cyberpunk.

TLDR: Follow yanjars steps above, don't use the args line (wrecks performance) can still bypass EAC etc (yes it shows your are virtualized, still can play though with small risk of getting kicked, no greater than gforce now imo.



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Using Windows VM?

15 upvotes · 36 comments



r/FoundryVTT • 1 yr. ago

Graphical crashes during games (client side, hosted on computer) DND5e and PF2e

2 upvotes · 3 comments



r/Oobabooga • 1 yr. ago

Illegal instruction (core dumped) error (Proxmox Ubuntu vm)

4 comments

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How to Use a Windows VM locally on the same Proxmox host without remote access?

3 upvotes · 41 comments



r/VFIO • 1 yr. ago

OSX-KVM: OpenCore-Boot.sh works but Virt-Manager hangs on PCI Configuration Begin

4 upvotes · 7 comments



r/Proxmox • 19 days ago

Is it feasible to run proxmox on a PC and daily drive virtual machines?

96 upvotes · 144 comments



r/Proxmox • 27 days ago

Windows VMs on Proxmox noticeably slower than on Hyper-V

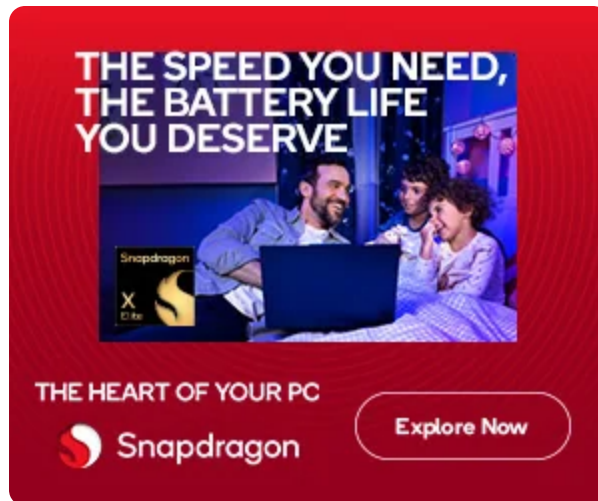
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How to Create a Sandbox Windows 11 VM in Proxmox for Safe Malware Experimentation?

50 upvotes · 27 comments

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r/Proxmox • 8 mo. ago

Is there a way to automate suspending VMs before shutdown/reboot of a Proxmox host?

7 upvotes · 22 comments



r/Proxmox • 1 mo. ago

Migrate to Proxmox or stay on Windows?

30 upvotes · 34 comments



r/Proxmox • 10 mo. ago

Broke Proxmox changing hostname, any way to salvage my VMs?

27 upvotes · 66 comments



r/Proxmox • 5 mo. ago

How to prevent VM from accessing the Proxmox Web Interface and Hypervisor Services?

16 comments



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Best way to improve performance on Windows VMs?

21 upvotes · 20 comments

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11 upvotes · 6 comments



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FYI for GPU in Windows Guest (Error 12) "This device cannot find enough free resources that is can use"

9 upvotes · 2 comments



r/VFIO • 1 yr. ago

AMD GPU (Radeon 6900 XT)? BSoD "SYSTEM_THREAD_EXCEPTION_NOT_HANDLED"

2 upvotes · 2 comments



r/neovim • 1 yr. ago

Using Neovim (AstroNvim) as Unity 2017.4.22f1's external editor makes OmniSharp give a bunch of fake errors (Linux Mint 21.3)

1 upvote · 1 comment



r/docker • 1 yr. ago

Fatal glibc error: CPU does not support x86-64-v2

3 upvotes · 4 comments



r/Proxmox • 5 mo. ago

How difficult is it to move a Proxmox server to another machine?

39 upvotes · 51 comments



r/Proxmox • 8 mo. ago

Is Proxmox useful when only having a single VM?

86 upvotes · 114 comments



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Leaving VMware for Proxmox Question(s)

25 upvotes · 9 comments



r/Oobabooga • 1 yr. ago

Is 24GB of VRAM (3090) not enough to run Phind CodeLlama 34B 4bit GPTQ? (With ExLlamav2_HF)

5 upvotes · 7 comments



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Does it make sense for a homelab to have a dedicated VM in Proxmox to run TF & Ansible to create other VMs in the same Proxmox host?

27 upvotes · 34 comments



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Is it possible to pass keyboard, mouse and Monitor to a Vm in proxmox

14 upvotes · 28 comments

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