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u/dude_mc_dude_dude • 1 day ago



Network SR-IOV issues

Hi all - I hope this is the right community, or at least I hope there is someone here who has sufficient experience to help me. I am trying to enable SR-IOV on an intel network card in Gentoo Linux Whenever I attempt to enable an number of VFs, I get an error (bus 03 out of range of [bus 02]) in my kernel log: `$ echo 4 | sudo tee...`

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deloitte.com[Learn More](#) 15  0 Share[u/stathis21098](#) • 1 day ago

...

Can this setup run 2 gaming Windows VMs at the same time with GPU passthrough?

[Support](#)[r/buildapc](#) • 1 day ago

Can this setup run 2 gaming Windows VMs at the same time with GPU passthrough?

I'm building a dual-user setup where two people (me and girlfriend until we finish her rig) can game at the same time, each in their own Windows VM, using GPU passthrough on a Linux host (headless). I'm mainly trying to confirm if my current hardware is up for the task, and whether I should grab a second GPU. Initially ...

1 upvote

 1  5 Share[u/BingDaChilling](#) • 2 days ago

...

GPU disconnecting on bootup

I'm trying to run a VFIO setup on a Razer Blade 14 (Ryzen 9 6900HX). I've managed to pass through the RTX 3080Ti Mobile and NVIDIA Audio device to the VM, but the GPU and audio device consistently disconnect during VM boot. I can still manually add them back, but virt manager tells me they've already been added. However,...

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[Skip to main content](#)[Log In](#) **u/Natekomodo** • 2 days ago

...

6900xt teardown fails to unload vfio_pci and reattach the gpu

I'm running Fedora 41 with KDE and doing single GPU passthrough with an RX 6900XT. The prepare works fine, my VM boots with the GPU and I can play games etc with no issues. The problem comes when I then shut down, I get no video output from my GPU. Here is my prepare and revert, it's basically just the stock guide:...

[Support](#) 3  1 Share **u/tapuzuko** • 3 days ago

...

GPU pass through success. ASRock x870 Steel Legend with IOMMU groups.

I am moving off of a windows laptop to a Linux desktop, and using VFIO more for fun than because it's practical. Not being able to delete windows whenever I want upsets me. OS Choices and design. I saw that most of the problems people were having on this sub were related to swapping the GPU back and forth between the host and...

 8  4 Share **u/Affectionate_Ride873** • 3 days ago

...

No network in KVM machines after converting them from vmdk

Background: So, I am trying to practice on VMs, for that I am downloading pre-configured VMs from a certain website (Vulnhub), the problem is that most of (if not all) them are all in VirtualBox format--vmdk, I thought this isn't a problem since qemu-img can convert these files into usable qcow2 files. The problem: The problem is that after...

 1  5 Share **u/DisciplineUnique9810** • 4 days ago

...

Single GPU passthrough vnc issue

I am trying to get single gpu passthrough and am at the point where I install nvidia drivers in this [video](#) tutorial but whenever I actually start the vm I cannot get any vnc to connect, I've tried 3 different vncs, a pc one and two mobile ones. I've also tried with and without ethernet. I've also just tried teamviewer and it didn't detect it on either...

[Support](#) 2  2 Share **u/Jormungandr470** • 4 days ago

...

Create a VM to try and test Game before do on Main

Hi, I would like to know if someone could help me understand if it is possible to create a virtual machine to use to download and test games in a safe environment so that I do not have to worry about possible viruses or other. I would still use an external nvme and I would like to understand if it were possible to create a safe environment t...

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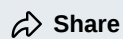
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[ulzommyzomman](#) • 4 days ago

Need help with Single iGPU passthrough on an AMD laptop

Hello, I have a Lenovo Yoga 7 2 in 1 that I wanna use with KVM virt-manager with gpu passthrough. It only has a integrated gpu that is good for mid gaming but has a fairly strong CPU. Do you guys know any guides on how to get this to work?

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Hello everyone, I'm considering adding a second GPU to my current system (ROG Maximus Hero Z490, Intel CPU, Debian 12). My current GPU (RTX 3080) is in a relatively clean IOMMU group (group 1 with the PCIe bridge and audio controller). I'm looking to acquire a used RTX 2080 Super or Ti. Unfortunately, I don't currently have a...

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[Share](#)[u/LycheeTall9520](#) • 5 days ago

...

Switching the GPU in the UEFI does not work correctly.

Hello everyone! I have a Gigabyte X570S Gaming X motherboard with BIOS version F3 (factory). RTX 2060 SUPER is installed in the top PCI for the guest (Display port) and RX 580 in the bottom one for the host (HDMI). Initialization display output is set to the bottom PCI(Radeon). GPU passthrough works correctly, but I don't like t...

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[Share](#)[u/gexsay](#) • 5 days ago

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My VM with single GPU passthrough just show black screen and nothing happen, What I do wrong?

My G5 GE laptop space: Intel i5-12500H 16core 4.50GHz 32Gb Ram Nvidia Geforce RTX 3050 Mobile Intel Iris Xe Graphic 480Gb ssd nvme Using Manjaro KDE with Wayland, Linux614 kernel and Hybrid Intel Nvidia prime 570 driver Here is my XML <https://pastebin.com/YPg8xYAT> And some outputs and scripts i use...

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2



2

[Share](#)[u/tunapianofishman](#) • 5 days ago

...

Nvidia driver installer not detecting gpu in hyper-v manager

- i have properly partitioned the gpu between the host and client
- windows 10
- it shows up in device manager without any error...



2



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[Share](#)[u/Redlikemethodz](#) • 6 days ago

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No GPU options Truenas Scale

Mb: aorus b560m elite (vt-d enabled) Cpu: i5-10600T OS: truenas scale fangtooth When setting up a vm the integrated hd graphics 630 is not present. It's also not available under isolated gpus. I don't see an option to enable IOMMU in my BIOS and can't seem to enable it in grub. I tried the following: Commands midclt call...



2



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I'm trying to use windows with my main gpu but when I try to use it in the VM the screen is just black, only the software one works and in device manager the amd driver is showing error code 43. My XML :

<https://pastebin.com/we47pUK7>

Support



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How to Turn Your r/Deck into A Hangout Spot

That empty deck in your backyard has so much potential. Whether you want a cozy spot to relax, space for entertaining, or extra play space for the kids, The Home Depot can help you bring it to life (with fast, free delivery* too). So, what are you working on? TL;DR: 3 ideas to transform your dec...



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u/Lelahelry • 7 days ago

...

Help: trying to get SR-IOV passthrough to work on Intel Core Series 1 / "15th gen" platform, or, alternatively, can a PCI-E iGPU have no Option ROM???

Hi everyone! I am trying to get a proper GPU-accelerated QEMU Windows 11 VM setup working on my Intel Core 7 150U (Series 1) laptop CPU and boy is it a ride. For starters, my iGPU is an "Intel Graphics" device, device ID a7ac, and as best I can tell belongs to generation 12-ish in the intel gpu family tree, otherwise known as Xe. Mo...

Support



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u/marzeq • 7 days ago

...

Help me understand PCIe lane sharing on B650 board (secondary GPU for VM use)

EDIT: SOLVED

In this case, as [zaltysz](#) pointed out, M2P_CPU gets halved to x2 to provide for those two other PCIe slots. Hey all. I have a R5 9600X on a Gigabyte B650 EAGLE AX with the following setup:...



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u/Barthanes • 7 days ago

...

MSI X870 Tomahawk IOMMU Groups

```
00:00.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Raphael/Granite Ridge Root C
00:00.2 IOMMU: Advanced Micro Devices, Inc. [AMD] Raphael/Granite Ridge IOMMU
00:01.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Raphael/Granite Ridge Dumm...
```



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u/Upstairs_Cycle384 • 7 days ago

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...from the VM, enabling remote VNC was required on the hypervisor when passing through a device. That lead me to believe that you couldn't pass through an I/O device without it. Does leaving it disabled...

Discussion



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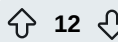


u/groundGrok • 9 days ago



Windows VM running silky smooth, but abysmal performance when gaming. (Even with CPU isolation!)

I can run Windows like it's running natively. Netflix, reddit, apps... except for any gaming. When I play BG3, I get 10 FPS and it takes 5-10 minutes to load the landscape at the loading screen. Elden Ring runs better, I can run it at about 20 FPS (but it feels choppy) at both maximum and minimum graphic settings. I don't think it's a CPU...



12



25



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u/Airlinese • 9 days ago



VFIO_MAP_DMA failed: Bad address error

I want to passthrough my 3060 laptop into vm, but got this error. the VM just "paused" (that's how virt-manager displayed), and cannot unpause or reboot&poweroff. only force shutdown works.
system info:...

Support



2



1



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u/Lassebq • 10 days ago



Passing HDMI/DP Audio to the VM?

I have a system with Ryzen 5 4600G which has integrated graphics for running host system and Radeon RX 580 which I pass around between VM and host. I'm using a script to bind GPU to vfio-pci dynamically before starting a QEMU VM and releasing it after the VM quits. While there is no problem passing the GPU itself, the moment I tr...



3



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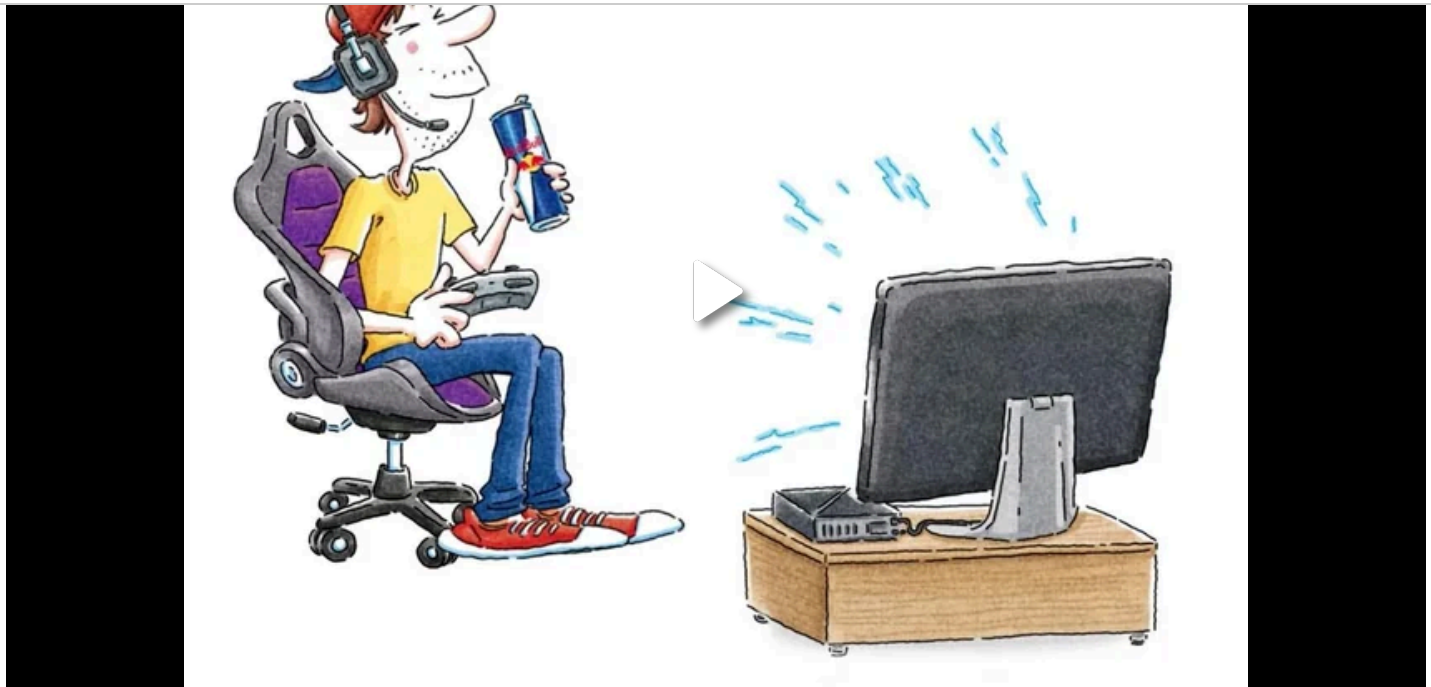
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u/flarestar1000 • 11 days ago

...

GPU usage doesn't go higher than 75%

Hello, first time poster.

I have one issue regarding GPU performance : it never goes beyond 75% and my FPS loss looks around 25% (Last of Us 2 performs around 60 FPS on Bare Metal but only around 20 FPS when running inside the VM , FF7 ...

[↑](#) 8 [↓](#)[1](#)[Share](#)

u/Faurek • 11 days ago

...

General Question

Hi people, probably wrong place for this question. But how is consumer grade gpu partition on Linux host these day? I did use Virgl back when I had AMD GPU, but how do you share a Nvidia GPU with a guest, using the proprietary drivers?

[↑](#) 3 [↓](#)[5](#)[Share](#)

u/Ragegar • 11 days ago

...

Script: unbind/bind gpu on the fly

Hello, Thought some might find interest in this, I haven't seen it mentioned often. 9070 XT has some problems with being bind to vfio on boot, it won't initialize. Possibly the reset bug again. So it needs to be bind to amdgpu after which it can be unbind and then given to vfio_pci and it works in VM. Annoyingly though it either requires to...

[Skip to main content](#)[Log In](#) [unbetaecade](#) • 11 days ago

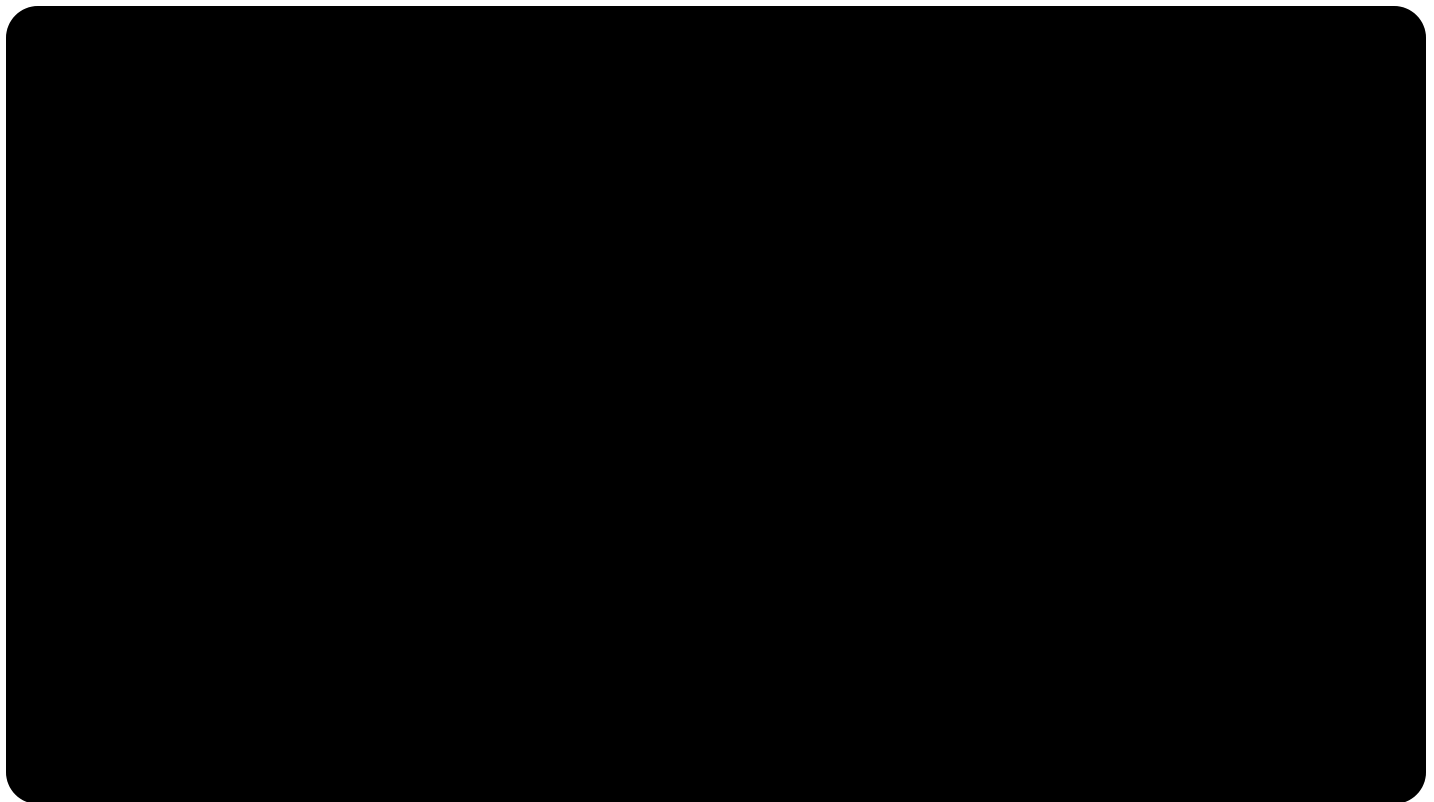
A great update to vfio evdev kb/ms switching would be...

..not causing the passthrough VM to hiccup/stop for a half second everytime you switch the kb/ms from it. It's been this way since I've been using vfio (way back when various PA patches/etc were necessary to even get it to work). Pressing the LctrlRctrl causes the VM to have a mini heart attack every single time and I feel like this can be fixe...

[Support](#) 2  3 [Share](#)[u/95165198516549849874](#) • 12 days ago

...

Looking Glass - IDD Preview & Unexpected Discovery

 34  4 [Share](#)[u/Fit_Chocolate771](#) • 12 days ago

...

Valorant VM on Windows

Hello guys i want to setup an VM were i can run Valorant and test stuff but not on my host only at the vm because of ban risk..

i hope someone can help me thanks

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