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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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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 its 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 an...

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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 ...

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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:...

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[Share](#)[u/betadecade_](#) • 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...

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

AMD GPU 7800xt error 43 when using PCIe passthrough

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>

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[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...



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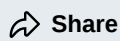
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[u/DisciplineUnique9810](#) • 4 days ago

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 eith...

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[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..

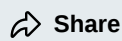
i hope someone can help me thanks



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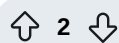


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[u/Jormungandr470](#) • 4 days ago

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download and test games in a safe environment so that I do not have to worry about possible viruses or other...
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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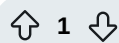
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[u/zommyzomman](#) • 4 days ago

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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[u/Barthanes](#) • 7 days ago

MSI X870 Tomahawk IOMMU Groups

00:00.0 Host bridge: Advanced Micro Devices, Inc. [AMD] Raphael/Granite Ridge Root Co
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/Usual-Comfort-8058](#) • 4 days ago

IOMMU Grouping Question with ROG Maximus Hero Z490 for Second GPU

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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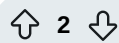
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[u/LycheeTall9520](#) • 5 days ago

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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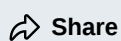


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u/Lelahelry • 7 days ago



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...

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u/marzeq • 7 days ago



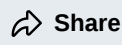
Help me understand PCIe lane sharing on B650 board (secondary GPU for VM use)

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[u/tunapianofishman](#) • 5 days ago

Nvidia driver installer not detecting gpu in hyper-v manager

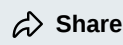
- i have properly partitioned the gpu between the host and client
- windows 10
- it shows up in device manager without any error...



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[u/Disastrous-Day-8377](#) • 12 days ago

Looking Glass Applications Don't Appear

[FIXED] Hello, I set up looking glass on a windows vm, the passthrough works and I have the windows desktop on my client, however none of the applications show up in there, windows start menu appears, the right click menu appears etc. but nothing else does, no file manager, browsers and the sort.

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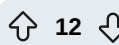


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[u/groundGrok](#) • 9 days ago

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 choppier) at both maximum and minimum graphic settings. I don't think it's a CPU...



12



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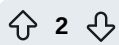


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[u/Redlikemethodz](#) • 6 days ago

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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[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:...

[Skip to main content](#)[Log In](#)[u/Wegovy_semaglutide](#) • Promoted

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[Share](#)[u/gexsay](#) • 5 days ago

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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u/GBember • 13 days ago



Is a GPU pass through setup without kernel modules possible?

Hi! I currently run a quite minimal kernel config on my Gentoo system, without any kernel modules, everything built in. Would it be possible to load the vfio GPU kernel driver without being through a module?



2



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u/tsilvs0 • 14 days ago



virt-manager VM setup fails: ISO "Access Denied"

I am trying to install a Linux ISO in a UEFI VM on a Linux host (Fedora Silverblue 41). For some reason, Virt-Manager (5.0.0) changes ownership of the ISO file and shows "Access Denied" failure message. There was a pop-up about "Search permissions" with "Don't ask about these directories again" checkbox. It is supposed to pu...

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u/Upstairs_Cycle384 • 7 days ago



viommu is optional when doing PCIe passthrough?

I noticed that I'm able to successfully passthrough PCIe devices even without enabling viommu in qemu / Proxmox. Coming from VMware, enabling IOMMU/VT-d 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/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...



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u/GBember • 15 days ago



Questions about a possible setup

Hi! I currently dual boot windows and linux on my pc because I don't have a good second GPU and my motherboard has a b550 chipset (most likely bad IOMMU groups, I didn't bother to test it yet). I already had a NVME drive for the Linux install and recently got another one for the windows side of things, from what I...

Discussion



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