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r/Proxmox



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r/Proxmox • 3 yr. ago

nwspmp



Mobile Proxmox Workstation working incredibly well

A few days ago I was driving home and wondering if there was any solution out there that presented a light weight hypervisor installed and hosted VMs, but which allowed you to work on the VMs locally. Say I could setup and run on my laptop a small network of computers for rapid proof-of-concept, something I've done with network emulators like CORE (<https://www.nrl.navy.mil/Our-Work/Areas-of-Research/Information-Technology/NCS/CORE/>).

I'd looked at Qubes OS as a possibility, and while I really like a lot about the thoughts to security that had been built in from the start, the architecture of how it was setup didn't easily lend itself to my use case. But, I did take a bit of inspiration from it. I run Proxmox at home on my smallish cluster

So, laptop in hand, I started to see what I could do in this regard. It has been very helpful for me, and I thought I'd throw this out there in case anyone else was looking for something similar.

Initial Reading: https://pve.proxmox.com/wiki/Developer_Workstations_with_Proxmox_VE_and_X11

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Incrarulez • 3y ago •

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laptop had both an integrated and discrete graphics card and coming out of hibernation encountered error conditions.

I went back to virtualbox on top of Ubuntu.

Is hibernation working as intended?

⬇️ 9 ⬆️ Reply ...



nwsmp OP • 3y ago •

Good question. Haven't checked that out yet as I've done full shutdown when done. I'll test that tonight or tomorrow and update!

⬆️ 8 ⬇️ Reply ...



Automatic-Wolf8141 • 3y ago •

For the several times I installed xfce4 on Proxmox I had to manually uninstall udisks2 to solve the CPU hogging problem, you might want to check that as well.

⬇️ 5 ⬆️ Reply ...



nwsmp OP • 3y ago •

Will check on that. I did this test with PVE 7.0, forgot to mention that

⬆️ 4 ⬇️ Reply ...

⊕ 2 more replies



LivingOther • 3y ago • Edited 3y ago •

I gave up on this idea. Even with a threadripper 3995x as bundling processes into VMS did not make sense as I need the processing power to do my work.

even a browser becomes as an issue

https://www.reddit.com/r/firefox/comments/okngia/left_the_tabs_on_and_the_websites_are_still/h592l65/?context=3

So it works well as a workstation?

it looks promising <https://www.qubes-os.org/intro/>

are you using with proxmox ?

⬇️ 3 ⬆️ Reply ...



nwsmp OP • 3y ago •

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allow). Right now, it's sitting at 1GB of RAM in use, and has been stable.

I haven't run Qubes on this laptop but have previously. It's a great system, if you take the time to think your workflows out and just how you want to partition what you do. If you find a workflow that works for how you work (wow, that's a clunky phrase), then it seems to work well. I never did with it as I was always tinkering rather than doing what I needed.

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[deleted] • 3y ago •

Did you try kvm before proxmox?

Proxmox is basically just fancy kvm with extras like acme and llvm. Virt-manager or virsh, with an OpenGL interface does a good job of being competent without requiring a whole operating system

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(+) 1 more reply



TheFluffyDovah • 3y ago •

Saved this for later, I've been wanting to do something similar

↑ 3 ↓ [Reply](#) ...



ZPrimed • 3y ago •

I don't really want to *suggest* a Microsoft product here, but you can do all of this with Win10 Pro after you enable HyperV, too. Obviously not open-source, and you have to pay for the Win10Pro instance, but most laptops likely ship with that preinstalled anyway...

Proxmox is just a nice fancy wrapper around qemu and kvm

⊖ ↑ 4 ↓ [Reply](#) ...

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Microsoft treats it like a server. You're not really meant to be accessing the VMs through the Hyper-V interface. You're supposed to be RDPing into them.

Plus Hyper-V is a bit finicky. It has issues with a lot of GPUs so it won't load the VMs at full resolution without tinkering with the grub file to add a custom resolution. Otherwise, Hyper-V defaults to 800x600

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Proxmox-Enhanced-Configuration-Utility (PECU) - Automate GPU Passthrough on Proxmox!

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Using proxmox as a workstation

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r/homelab

Proxmox or ESXi?

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PROMOTED

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1 upvote · 7 comments



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r/homelab

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1.6K upvotes · 142 comments



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Proxmox on 10Gig switch issues

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238 upvotes · 117 comments

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Proxmox Backup Server

136 upvotes · 88 comments

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9 upvotes · 22 comments

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Veeam debuts its Proxmox backup tool – and reveals outfit using it to quit VMware

139 upvotes · 11 comments



r/vmix

vmix on aws cloud

7 upvotes · 16 comments

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My proxmox backup server

356 upvotes · 45 comments

r/Proxmox

New proxmox server mainly for storage and Jelly fin

223 upvotes · 61 comments

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Need help

109 upvotes · 35 comments

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7 upvotes · 14 comments

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Proxmox V7 for 64-bit ARM running Bullseye

57 upvotes · 30 comments



r/86box

I've been trying to get the 1995 Fall version of Yggdrasil Linux to work but no matter what I do, I either get problems like the screen going wonky or the entire desktop being squishe...



4 upvotes · 12 comments



r/homelab

Nice setups you guys, truly wonderful. But, what do you use them for?

97 upvotes · 130 comments

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