r/Proxmox • 9 mo. ago
maxbiz

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Unable to backup restored VM

Hello everyone,

I restored a VM from a backup on a newly installed system. After a more experienced friend helped reconfigure the VM to do its job on its new metal home I wanted to back it up. Here I ran into some trouble because Proxmox says the VM's system disk does not exist (see code 1 below). The hardware configuration shows the disk as being in the storage location from the Proxmox instance it was backed up on (see screenshot 1 below). The hardware configuration shows it as being on storage location "local-zfs". "local-zfs" does not exist on this system (see screenshot 2 below). I found the current location of the system disk by using the "find /dev | grep 104" command (see code 2 below).

I cannot move the storage to another disk (screenshot 3).

Can anyone please tell me the commands I need to run to get my VM system disk into a .raw file and defined in the configuration of my VM so I can back it up?

Many thanks for your help in advance.

```
INFO: starting new backup job: vzdump 104 --compress zstd --notes-template '{{guestna
INFO: Starting Backup of VM 104 (qemu)
INFO: Backup started at 2023-02-12 09:30:18
INFO: status = running
INFO: VM Name: UbuntuToStatic
INFO: include disk 'scsi0' 'local-zfs:vm-104-disk-0' 32G
INFO: exclude disk 'efidisk0' 'local-zfs:vm-104-disk-1' (efidisk but no OMVF BIOS)
ERROR: Backup of VM 104 failed - storage 'local-zfs' does not exist
INFO: Failed at 2023-02-12 09:30:18
INFO: Backup job finished with errors
TASK ERROR: job errors
```

Code 1: Backup error message

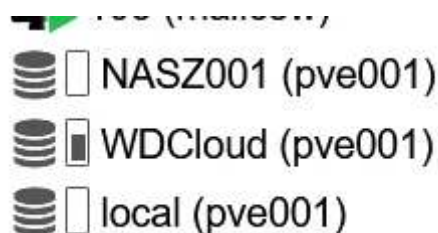|		
▭	Memory	2.00 GiB
▣	Processors	2 (1 sockets, 2 cores) [kvm64,flags=+aes]
▮	BIOS	Default (SeaBIOS)
⬒	Display	Default
⚙	Machine	Default (i440fx)
⬲	SCSI Controller	VirtIO SCSI
◉	CD/DVD Drive (ide2)	none,media=cdrom
⊟	Hard Disk (scsi0)	local-zfs:vm-104-disk-0,size=32G,ssd=1
⇄	Network Device (net0)	virtio=62:74:E7:07:AC:2C,bridge=vmbr0,firewall=1
⇄	Network Device (net1)	virtio=8E:BB:8E:77:E2:37,bridge=vmbr1

Screenshot 1: Hardware Configuration

🗄☐ NASZ001 (pve001)
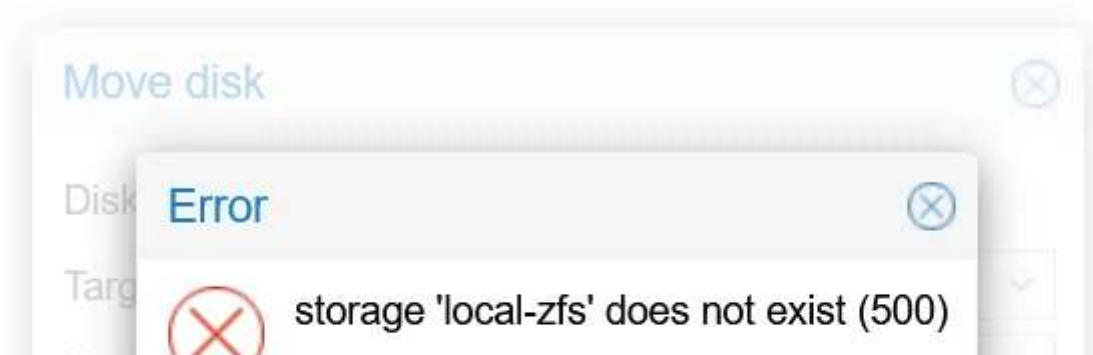
🗄▮ WDCloud (pve001)

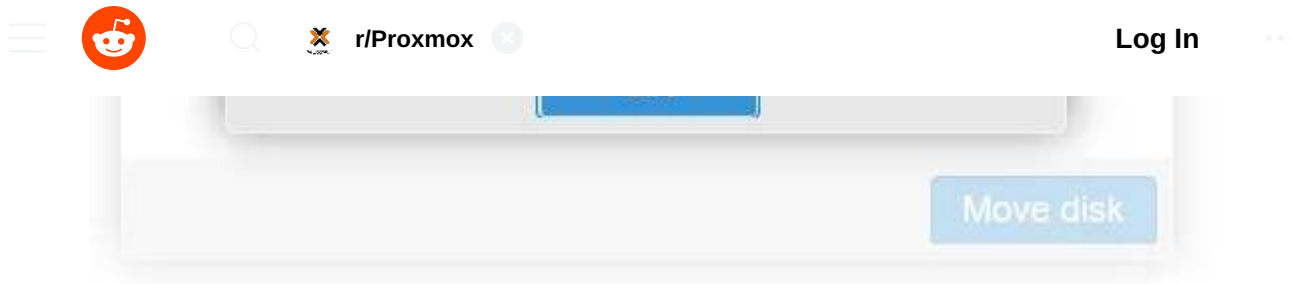🗄☐ local (pve001)

Screenshot 2: Storage locations

```
root@pve001:~# find /dev | grep 104
/dev/zvol/rpool/data/vm-104-disk-0-part2
/dev/zvol/rpool/data/vm-104-disk-0-part1
/dev/zvol/rpool/data/vm-104-disk-0-part3
/dev/zvol/rpool/data/vm-104-disk-0
/dev/zvol/rpool/data/vm-104-disk-1
/dev/rpool/data/vm-104-disk-0-part2
/dev/rpool/data/vm-104-disk-0-part1
/dev/rpool/data/vm-104-disk-0-part3
/dev/rpool/data/vm-104-disk-0
/dev/rpool/data/vm-104-disk-1

root@pve001:~# ls /dev/zvol/rpool/data/ -lah | grep 104
lrwxrwxrwx 1 root root  13 Feb 11 12:24 vm-104-disk-0 -> ../../../zd80
lrwxrwxrwx 1 root root  15 Feb 11 12:24 vm-104-disk-0-part1 -> ../../../zd80p1
lrwxrwxrwx 1 root root  15 Feb 11 12:24 vm-104-disk-0-part2 -> ../../../zd80p2
lrwxrwxrwx 1 root root  15 Feb 11 12:24 vm-104-disk-0-part3 -> ../../../zd80p3
lrwxrwxrwx 1 root root  13 Feb 11 12:24 vm-104-disk-1 -> ../../../zd48

root@pve001:~# ls /dev/rpool/data/ -lah | grep 104
lrwxrwxrwx 1 root root  10 Feb 11 12:24 vm-104-disk-0 -> ../../zd80
lrwxrwxrwx 1 root root  12 Feb 11 12:24 vm-104-disk-0-part1 -> ../../zd80p1
lrwxrwxrwx 1 root root  12 Feb 11 12:24 vm-104-disk-0-part2 -> ../../zd80p2
lrwxrwxrwx 1 root root  12 Feb 11 12:24 vm-104-disk-0-part3 -> ../../zd80p3
lrwxrwxrwx 1 root root  10 Feb 11 12:24 vm-104-disk-1 -> ../../zd48
```

Code 2: find /dev | grep 104

Move disk   ⊗

Dis┌ Error   ⊗
   │
Tar│   ⊗   storage 'local-zfs' does not exist (500)
   │
   └

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Move disk

Screenshot 3: Unable to move the volume

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Thestupidmetadata • 9 mo. ago
Can you move the VM storage to Local as outlined in this photo?

https://ostechnix.com/wp-content/uploads/2022/08/Move-Proxmox-VM-To-Different-Disk.png

　　2   **Reply**   **Share**

maxbiz   • 9 mo. ago • Edited 9 mo. ago
No because Proxmox says it does not exist.

I did try an experiment with a sacrificial VM.

```
zfs send rpool/data/vm-105-disk-0 | zfs receive /NASZ001/subvol-105-disk-0
```

This moved the storage but then I could not find it through the GUI and did not know what to do
next. The solution to this conundrum lies on the CLI and not the GUI, I suspect.

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maxbiz   • 9 mo. ago
Hi,

This is solved. The solution was to go to Datacenter->Storage->Add->ZFS.

I pointed local-zfs to rpool/data.

After that I was able to backup my VM.

Many thanks to Fiona over at the Proxmox Forum.

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Thunderbolt1993 • 9 mo. ago

│
│　　　**1**　　　**Reply**　　　**Share**
└
　　maxbiz　• 9 mo. ago

　　　I tried that with a sacrificial VM. It did not work. Then when I changed it back to the original value
　　　that did not work either.

　　　　　1　　　**Reply**　　　**Share**

jkrwld1　• 9 mo. ago

　How did you get the storage location when creating the VM?

　Did you pass through the drive for the VM OS?

　When you created the VM you should have had the choices of the storage pools you have showed
　us.

　I'm looking at this using GUI to create a VM for reference

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karabistouille　• 9 mo. ago

　Try adding back the storage in the datacenter->storage tab where you specify the path of the zfs
　dataset where the VM's disk are located (look like it's rpool/data) and name it "local-zfs"

　　　1　　　**Reply**　　　**Share**

blackpawed　• 9 mo. ago

　post the contents of your

```
/etc/pve/storage.cfg
/etc/pve/qemu-server/104.conf
```

　　　1　　　**Reply**　　　**Share**

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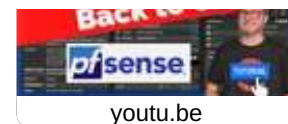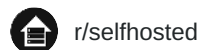
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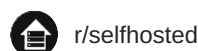126 upvotes · 58 comments

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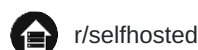**How to get write permission on NTFS HDD?**

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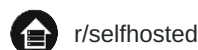
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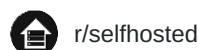
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7 comments

r/selfhosted

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Connection to the server localhost:6443 was refused

1 upvote · 1 comment

r/selfhosted

Wow. This is pretty petty. Any self hosted solutions for this?

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self.homelab

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