

[SOLVED] No such logical volume pve/data

👤 Mio3000 · 🕒 Nov 15, 2022

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Mio3000

New Member



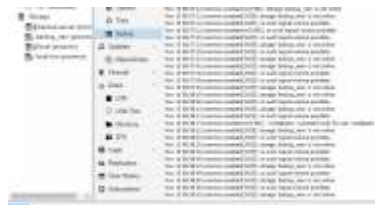
Nov 15, 2022

🔗 #1

Hello all,

during the night my backup hanged and i was forced to reboot my proxmox host using hw button. after reboot my local-lvm dissapeard and i lost access to my virtual machines. could someone help me to restore it? thank you.

this is what i have in log:
no such logical volume pve/data



Code:

```
root@proxmox:~# pvesm lvmthinscan pve
Volume group "pve" not found
Cannot process volume group pve
command '/sbin/lvs --separator : --noheadings --units b --unbuffered --nosuf
```

and this is my lsblk:

Code:

```
root@proxmox:~# lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sda                                 8:0    0   2.7T  0 disk
sdb                                 8:16   0   2.7T  0 disk
sdc                                 8:32   0 298.1G  0 disk
└─sdc1                             8:33   0 298.1G  0 part
sdd                                 8:48   0   1.8T  0 disk
└─sdd1                             8:49   0   1.8T  0 part
sde                                 8:64   0 476.9G  0 disk
├─sde1                             8:65   0 1007K  0 part
├─sde2                             8:66   0   512M  0 part
└─sde3                             8:67   0 476.4G  0 part
```

```
└pve-swap          253:0    0    8G  0 lvm  [SWAP]
└pve-root           253:1    0   96G  0 lvm  /
└pve-data_tmeta     253:2    0   3.6G  0 lvm
├┐pve-data_tpool    253:4    0 349.3G  0 lvm
│ └pve-data         253:5    0 349.3G  1 lvm
│ └pve-vm--103--disk--0 253:6    0   70G  0 lvm
│ └pve-vm--106--disk--0 253:7    0   70G  0 lvm
│ └pve-vm--106--disk--1 253:8    0    4M  0 lvm
│ └pve-vm--105--disk--0 253:9    0  200G  0 lvm
│ └pve-vm--107--disk--0 253:10   0   70G  0 lvm
│ └pve-vm--104--disk--0 253:11   0    4M  0 lvm
│ └pve-vm--104--disk--1 253:12   0   32G  0 lvm
│ └pve-vm--100--disk--0 253:13   0   32G  0 lvm
├┐pve-vm--108--disk--0 253:14   0   32G  0 lvm
└pve-data_tdata     253:3    0 349.3G  0 lvm
├┐pve-data_tpool    253:4    0 349.3G  0 lvm
│ └pve-data         253:5    0 349.3G  1 lvm
│ └pve-vm--103--disk--0 253:6    0   70G  0 lvm
│ └pve-vm--106--disk--0 253:7    0   70G  0 lvm
│ └pve-vm--106--disk--1 253:8    0    4M  0 lvm
│ └pve-vm--105--disk--0 253:9    0  200G  0 lvm
│ └pve-vm--107--disk--0 253:10   0   70G  0 lvm
│ └pve-vm--104--disk--0 253:11   0    4M  0 lvm
│ └pve-vm--104--disk--1 253:12   0   32G  0 lvm
│ └pve-vm--100--disk--0 253:13   0   32G  0 lvm
├┐pve-vm--108--disk--0 253:14   0   32G  0 lvm
```

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**fiona**

Proxmox Staff Member

Staff member



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#2

Hi,
what is the output of the following?

Code:

```
pvs
vgs
lvs
pveversion -v
```

Are there any related error messages during boot in the syslog?

Best regards,
Fiona

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#3

@fiona - Hello,

Mio3000

New Member



after couple of reboots it started working again...

Code:

```

root@proxmox:~# pvs
  PV          VG Fmt Attr PSize   PFree
  /dev/sdd3  pve lvm2 a--  <476.44g <16.00g
root@proxmox:~# vgs
  VG #PV #LV #SN Attr   VSize   VFree
  pve  1  12   0 wz--n- <476.44g <16.00g
root@proxmox:~# lvs
  LV          VG Attr       LSize   Pool Origin Data%  Meta%  Move Log C
  data        pve twi-aotz-- <349.31g          43.38  2.13
  root        pve -wi-ao---- 96.00g
  swap        pve -wi-ao----  8.00g
  vm-100-disk-0 pve Vwi-aotz-- 32.00g data    7.49
  vm-103-disk-0 pve Vwi-a-tz-- 70.00g data   37.75
  vm-104-disk-0 pve Vwi-aotz--  4.00m data    0.00
  vm-104-disk-1 pve Vwi-aotz-- 32.00g data   45.69
  vm-105-disk-0 pve Vwi-aotz-- 200.00g data  14.37
  vm-106-disk-0 pve Vwi-a-tz-- 70.00g data   41.13
  vm-106-disk-1 pve Vwi-a-tz--  4.00m data    3.12
  vm-107-disk-0 pve Vwi-a-tz-- 70.00g data   67.03
  vm-108-disk-1 pve Vwi-aotz-- 32.00g data   11.34
root@proxmox:~# pveversion -v
proxmox-ve: 7.2-1 (running kernel: 5.15.64-1-pve)
pve-manager: 7.2-11 (running version: 7.2-11/b76d3178)
pve-kernel-5.15: 7.2-13
pve-kernel-helper: 7.2-13
pve-kernel-5.13: 7.1-9
pve-kernel-5.4: 6.4-12
pve-kernel-5.15.64-1-pve: 5.15.64-1
pve-kernel-5.15.60-2-pve: 5.15.60-2
pve-kernel-5.13.19-6-pve: 5.13.19-15
pve-kernel-5.4.162-1-pve: 5.4.162-2
pve-kernel-5.4.34-1-pve: 5.4.34-2
ceph-fuse: 14.2.21-1
corosync: 3.1.5-pve2
criu: 3.15-1+pve-1
glusterfs-client: 9.2-1
ifupdown: 0.8.36+pve2
kvm-control-daemon: 1.4-1
libjs-extjs: 7.0.0-1

```

i will try another reboot or shutdown in one hour, if the issue still persist... for now no errors in syslog

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#4

@fiona - hello, so the issue persist after reboot:

Code:



Linux proxmox 5.15.64-1-pve #1 SMP PVE 5.15.64-1 (Thu, 13 Oct 2022 10:30:34

The programs included with the Debian GNU/Linux system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

Last login: Tue Nov 15 13:55:42 2022 from 192.168.123.109

root@proxmox:~# pvs

root@proxmox:~# vgs

root@proxmox:~# lvs

root@proxmox:~#

EDIT: and only hw reboot will bring back the local-lvm, reboot trough terminal will not fix the missing local-lvm

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fiona

Proxmox Staff Member

Staff member



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#5

Mio3000 said: ↩

@fiona - hello, so the issue persist after reboot:

Code:

[Click to expand...](#)

Please check the syslog during boot. There really should be some hints why LVM can't initialize properly.

Best regards,
Fiona

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#6

i didnt found anything, here is the syslog, please check it, you maybe find something, thank you

Attachments



no_such_logical_volume_pve_dat...

**bbgeek17**

Famous Member



Nov 15 13:54:29 proxmox lvm[887]: pvscan[887] /dev/sde3 excluded by filters:
device is rejected by filter config.

Blockbridge : Ultra low latency all-NVME shared storage for Proxmox -
<https://www.blockbridge.com/proxmox>

fiona and Mio3000

**Mio3000**

New Member



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#8

@bbgeek17 - i reverted changes in the lvm.conf, and now it is working, i dont
know why it did not popup when i tested it couple of weeks ago, and did also
the reboot, all was ok... thank you for finiding this

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