

## ceph-volume - Bug #24957

### Error listing against a block device

07/17/2018 01:16 PM - Sébastien Han

<b>Status:</b>	Resolved	<b>% Done:</b>	0%
<b>Priority:</b>	Immediate		
<b>Assignee:</b>	Alfredo Deza		
<b>Category:</b>			
<b>Target version:</b>			
<b>Source:</b>		<b>Affected Versions:</b>	v12.2.6
<b>Tags:</b>		<b>ceph-qa-suite:</b>	
<b>Backport:</b>		<b>Pull request ID:</b>	
<b>Regression:</b>	No	<b>Crash signature (v1):</b>	
<b>Severity:</b>	3 - minor	<b>Crash signature (v2):</b>	
<b>Reviewed:</b>			

#### Description

Command was:

```
ceph-volume lvm list /dev/sdb
```

```
[2018-07-17 13:15:25,471][ceph_volume.main][INFO ] Running command: ceph-volume lvm list /dev/sdb
[2018-07-17 13:15:25,472][ceph_volume.process][INFO ] Running command: /usr/sbin/lvs --noheadings
--readonly --separator=";" -o lv_tags,lv_path,lv_name,vg_name,lv_uuid
[2018-07-17 13:15:25,702][ceph_volume.process][INFO ] stdout ";/dev/VolGroup00/LogVol100";"LogVol
00";"VolGroup00";"gqFct1-q2eW-5I7a-IQl2-g2Vm-Nsiq-B2CqHo
[2018-07-17 13:15:25,702][ceph_volume.process][INFO ] stdout ";/dev/VolGroup00/LogVol101";"LogVol
01";"VolGroup00";"T8lHub-uZnx-CX9A-354Z-Jd3P-fTPq-dve374
[2018-07-17 13:15:25,702][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv2,
ceph.data_uuid=c0VdnC-dU5I-sPfv-Ubc0-ocjh-VG7Z-FjTIIQ,ceph.encrypted=0,ceph.journal_device=/dev/jo
urnals/journal1,ceph.journal_uuid=yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO,ceph.osd_fsid=ed87126c-71
8d-4ab1-9350-4c1fc4b46b96,ceph.osd_id=1,ce
ph.type=journal,ceph.vdo=0";"/dev/journals/journal1";"journal1";"journals";"yitj0u-VefX-fYxR-nAYa-
Ddmy-QGLs-S6L7CO
[2018-07-17 13:15:25,702][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv1,
ceph.data_uuid=19Ldlt-6Y07-lj30-WTEy-fSCi-gPAC-BWQo6m,ceph.encrypted=0,ceph.journal_device=/dev/sd
c1,ceph.journal_uuid=b8df36ef-1a49-41a3-ad1d-9e2d7cf3f87c,ceph.osd_fsid=1216d5e8-ac1f-45d1-af2a-ef
f43d375687,ceph.osd_id=0,ceph.type=data,ce
ph.vdo=0";"/dev/test_group/data-lv1";"data-lv1";"test_group";"19Ldlt-6Y07-lj30-WTEy-fSCi-gPAC-BWQo
6m
[2018-07-17 13:15:25,702][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv2,
ceph.data_uuid=c0VdnC-dU5I-sPfv-Ubc0-ocjh-VG7Z-FjTIIQ,ceph.encrypted=0,ceph.journal_device=/dev/jo
urnals/journal1,ceph.journal_uuid=yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO,ceph.osd_fsid=ed87126c-71
8d-4ab1-9350-4c1fc4b46b96,ceph.osd_id=1,ce
ph.type=data,ceph.vdo=0";"/dev/test_group/data-lv2";"data-lv2";"test_group";"c0VdnC-dU5I-sPfv-Ubc0-
ocjh-VG7Z-FjTIIQ
[2018-07-17 13:15:25,702][ceph_volume.process][INFO ] Running command: /usr/sbin/blkid -t PARTUUI
D="yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO" -o device
[2018-07-17 13:15:25,942][ceph_volume.process][INFO ] Running command: /usr/sbin/blkid -t PARTUUI
```

```
D="b8df36ef-1a49-41a3-ad1d-9e2d7cf3f87c" -o device
[2018-07-17 13:15:26,167][ceph_volume.process][INFO ] stdout /dev/sdc1
[2018-07-17 13:15:26,167][ceph_volume.process][INFO ] Running command: /usr/sbin/blkid -t PARTUUI
D="yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO" -o device
[2018-07-17 13:15:26,399][ceph_volume.process][INFO ] Running command: /usr/sbin/lvs --noheadings
--readonly --separator=";" -o lv_tags,lv_path,lv_name,vg_name,lv_uuid
[2018-07-17 13:15:26,630][ceph_volume.process][INFO ] stdout ";/dev/VolGroup00/LogVol100";"LogVol
00";"VolGroup00";"gqFct1-q2eW-5I7a-IQ12-g2Vm-Nsiq-B2CqHo
[2018-07-17 13:15:26,631][ceph_volume.process][INFO ] stdout ";/dev/VolGroup00/LogVol01";"LogVol
01";"VolGroup00";"T81Hub-uZnx-CX9A-354Z-Jd3P-fTPq-dve374
[2018-07-17 13:15:26,631][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv2,
ceph.data_uuid=c0VdnC-dU5I-sPfv-UbC0-ocjh-VG7Z-FjTIIQ,ceph.encrypted=0,ceph.journal_device=/dev/jo
urnals/journal1,ceph.journal_uuid=yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO,ceph.osd_fsid=ed87126c-71
8d-4ab1-9350-4c1fc4b46b96,ceph.osd_id=1,ce
ph.type=journal,ceph.vdo=0";"/dev/journals/journal1";"journal1";"journals";"yitj0u-VefX-fYxR-nAYa-
Ddmy-QGLs-S6L7CO
[2018-07-17 13:15:26,631][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv1,
ceph.data_uuid=19Ld1t-6Y07-lj30-WTEy-fSCi-gPAC-BWQo6m,ceph.encrypted=0,ceph.journal_device=/dev/sd
c1,ceph.journal_uuid=b8df36ef-1a49-41a3-ad1d-9e2d7cf3f87c,ceph.osd_fsid=1216d5e8-ac1f-45d1-af2a-ef
f43d375687,ceph.osd_id=0,ceph.type=data,ce
ph.vdo=0";"/dev/test_group/data-lv1";"data-lv1";"test_group";"19Ld1t-6Y07-lj30-WTEy-fSCi-gPAC-BWQo
6m
[2018-07-17 13:15:26,631][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv2,
ceph.data_uuid=c0VdnC-dU5I-sPfv-UbC0-ocjh-VG7Z-FjTIIQ,ceph.encrypted=0,ceph.journal_device=/dev/jo
urnals/journal1,ceph.journal_uuid=yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO,ceph.osd_fsid=ed87126c-71
8d-4ab1-9350-4c1fc4b46b96,ceph.osd_id=1,ce
ph.type=data,ceph.vdo=0";"/dev/test_group/data-lv2";"data-lv2";"test_group";"c0VdnC-dU5I-sPfv-UbC0
-ocjh-VG7Z-FjTIIQ
[2018-07-17 13:15:26,631][ceph_volume.process][INFO ] Running command: /usr/sbin/lvs --noheadings
--readonly --separator=";" -o lv_tags,lv_path,lv_name,vg_name,lv_uuid
[2018-07-17 13:15:26,859][ceph_volume.process][INFO ] stdout ";/dev/VolGroup00/LogVol100";"LogVol
00";"VolGroup00";"gqFct1-q2eW-5I7a-IQ12-g2Vm-Nsiq-B2CqHo
[2018-07-17 13:15:26,859][ceph_volume.process][INFO ] stdout ";/dev/VolGroup00/LogVol01";"LogVol
01";"VolGroup00";"T81Hub-uZnx-CX9A-354Z-Jd3P-fTPq-dve374
[2018-07-17 13:15:26,859][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv2,
ceph.data_uuid=c0VdnC-dU5I-sPfv-UbC0-ocjh-VG7Z-FjTIIQ,ceph.encrypted=0,ceph.journal_device=/dev/jo
urnals/journal1,ceph.journal_uuid=yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO,ceph.osd_fsid=ed87126c-71
8d-4ab1-9350-4c1fc4b46b96,ceph.osd_id=1,ce
ph.type=journal,ceph.vdo=0";"/dev/journals/journal1";"journal1";"journals";"yitj0u-VefX-fYxR-nAYa-
Ddmy-QGLs-S6L7CO
[2018-07-17 13:15:26,859][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv1,
ceph.data_uuid=19Ld1t-6Y07-lj30-WTEy-fSCi-gPAC-BWQo6m,ceph.encrypted=0,ceph.journal_device=/dev/sd
c1,ceph.journal_uuid=b8df36ef-1a49-41a3-ad1d-9e2d7cf3f87c,ceph.osd_fsid=1216d5e8-ac1f-45d1-af2a-ef
f43d375687,ceph.osd_id=0,ceph.type=data,ce
ph.vdo=0";"/dev/test_group/data-lv1";"data-lv1";"test_group";"19Ld1t-6Y07-lj30-WTEy-fSCi-gPAC-BWQo
6m
[2018-07-17 13:15:26,859][ceph_volume.process][INFO ] stdout ceph.cephx_lockbox_secret=,ceph.clus
ter_fsid=05d71da5-97fc-47ea-baa4-8b3f2cfabc78,ceph.cluster_name=ceph,ceph.crush_device_class=None,
ceph.data_device=/dev/test_group/data-lv2,
ceph.data_uuid=c0VdnC-dU5I-sPfv-UbC0-ocjh-VG7Z-FjTIIQ,ceph.encrypted=0,ceph.journal_device=/dev/jo
urnals/journal1,ceph.journal_uuid=yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO,ceph.osd_fsid=ed87126c-71
8d-4ab1-9350-4c1fc4b46b96,ceph.osd_id=1,ce
ph.type=data,ceph.vdo=0";"/dev/test_group/data-lv2";"data-lv2";"test_group";"c0VdnC-dU5I-sPfv-UbC0
-ocjh-VG7Z-FjTIIQ
[2018-07-17 13:15:26,859][ceph_volume.process][INFO ] Running command: /usr/sbin/pvs --no-heading
--readonly --separator=";" -o pv_name,pv_tags,pv_uuid,vg_name,lv_uuid
[2018-07-17 13:15:27,086][ceph_volume.process][INFO ] stdout /dev/sdb";";"v92zn2-3cJL-pFm1-DyST-
```

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yS2I-nfYe-2MjNJC";"test_group";"19Ld1t-6Y07-1j30-WTEy-fSci-gPAC-BWQo6m
[2018-07-17 13:15:27,086][ceph_volume.process][INFO ] stdout /dev/sdb";";"v92zn2-3cJL-pFm1-DyST-
yS2I-nfYe-2MjNJC";"test_group";"c0VdnC-dU5I-sPfV-UbC0-ocjh-VG7Z-FjTI1Q
[2018-07-17 13:15:27,086][ceph_volume.process][INFO ] stdout /dev/sdb";";"v92zn2-3cJL-pFm1-DyST-
yS2I-nfYe-2MjNJC";"test_group";"
[2018-07-17 13:15:27,086][ceph_volume.process][INFO ] stdout /dev/sdc2";";"3yMCOY-Vk9p-2InQ-iLKe
-1685-yChA-Gdvocz";"journals";"yitj0u-VefX-fYxR-nAYa-Ddmy-QGLs-S6L7CO
[2018-07-17 13:15:27,086][ceph_volume.process][INFO ] stdout /dev/vda3";";"qGTgpA-Amb9-J2GQ-bP3A
-2X6n-g5Ud-zPWx6a";"VolGroup00";"gqFct1-q2eW-5I7a-IQ12-g2Vm-Nsiq-B2CqHo
[2018-07-17 13:15:27,086][ceph_volume.process][INFO ] stdout /dev/vda3";";"qGTgpA-Amb9-J2GQ-bP3A
-2X6n-g5Ud-zPWx6a";"VolGroup00";"T8lHub-uZnx-CX9A-354Z-Jd3P-fTPq-dve374
[2018-07-17 13:15:27,087][ceph_volume][ERROR ] exception caught by decorator
Traceback (most recent call last):
  File "/usr/lib/python2.7/site-packages/ceph_volume/decorators.py", line 59, in newfunc
    return f(*a, **kw)
  File "/usr/lib/python2.7/site-packages/ceph_volume/main.py", line 153, in main
    terminal.dispatch(self.mapper, subcommand_args)
  File "/usr/lib/python2.7/site-packages/ceph_volume/terminal.py", line 182, in dispatch
    instance.main()
  File "/usr/lib/python2.7/site-packages/ceph_volume/devices/lvm/main.py", line 38, in main
    terminal.dispatch(self.mapper, self.argv)
  File "/usr/lib/python2.7/site-packages/ceph_volume/terminal.py", line 182, in dispatch
    instance.main()
  File "/usr/lib/python2.7/site-packages/ceph_volume/devices/lvm/listing.py", line 303, in main
    self.list(args)
  File "/usr/lib/python2.7/site-packages/ceph_volume/decorators.py", line 16, in is_root
    return func(*a, **kw)
  File "/usr/lib/python2.7/site-packages/ceph_volume/devices/lvm/listing.py", line 112, in list
    report = self.generate(args)
  File "/usr/lib/python2.7/site-packages/ceph_volume/devices/lvm/listing.py", line 160, in generat
e
    return self.single_report(args.device)
  File "/usr/lib/python2.7/site-packages/ceph_volume/devices/lvm/listing.py", line 176, in single_
report
    pv = api.get_pv(pv_name=device)
  File "/usr/lib/python2.7/site-packages/ceph_volume/api/lvm.py", line 276, in get_pv
    return pvs.get(pv_name=pv_name, pv_uuid=pv_uuid, pv_tags=pv_tags)
  File "/usr/lib/python2.7/site-packages/ceph_volume/api/lvm.py", line 730, in get
    raise MultiplePVsError(pv_name)
MultiplePVsError: Got more than 1 result looking for physical volume: /dev/sdb

```

## History

### #1 - 07/17/2018 01:17 PM - Sébastien Han

```

[root@osd0 /]# pvs
PV          VG          Fmt Attr PSize  PFree
/dev/sdb    test_group  lvm2 a--  <50.00g 12.50g
/dev/sdc2   journals    lvm2 a--  <25.00g  0
/dev/vda3   VolGroup00 lvm2 a--  <38.97g  0
[root@osd0 /]# vgs
VG          #PV #LV #SN Attr   VSize  VFree
VolGroup00  1  2  0 wz--n- <38.97g  0
journals    1  1  0 wz--n- <25.00g  0
test_group  1  2  0 wz--n- <50.00g 12.50g
[root@osd0 /]# lvs
LV          VG          Attr      LSize  Pool Origin Data%  Meta%  Move Log Cpy%Sync Convert
LogVol100  VolGroup00 -wi-ao---- <37.47g
LogVol101  VolGroup00 -wi-ao----  1.50g
journal1   journals    -wi-a----- <25.00g
data-lv1   test_group -wi-a----- <25.00g
data-lv2   test_group -wi-a----- 12.50g
[root@osd0 /]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sda          8:0    0   50G  0 disk
sdb          8:16   0   50G  0 disk
|--test_group-data--lv1 253:2    0   25G  0 lvm
`--test_group-data--lv2 253:3    0 12.5G  0 lvm

```

```
sdc          8:32  0  50G  0 disk
|-sdc1      8:33  0  25G  0 part
`-sdc2      8:34  0  25G  0 part
  `--journals-journal1 253:4  0  25G  0 lvm
vda         252:0  0  41G  0 disk
|-vda1     252:1  0   1M  0 part
|-vda2     252:2  0   1G  0 part
`-vda3     252:3  0  39G  0 part
  |-VolGroup00-LogVol100 253:0  0 37.5G  0 lvm  /var/lib/ceph
  `--VolGroup00-LogVol101 253:1  0  1.5G  0 lvm  [SWAP]
```

**#2 - 07/17/2018 01:18 PM - Alfredo Deza**

- Status changed from New to 12
- Assignee set to Alfredo Deza
- Priority changed from Normal to Immediate

**#3 - 07/31/2018 01:47 PM - Andrew Schoen**

<https://github.com/ceph/ceph/pull/23348>

**#4 - 07/31/2018 03:13 PM - Andrew Schoen**

- Status changed from 12 to Resolved

<https://github.com/ceph/ceph/pull/23348>