

## ceph-volume - Bug #35534

### no terminal error when rolling back from a failed OSD preparation

09/04/2018 11:07 AM - Alfredo Deza

<b>Status:</b>	Resolved	<b>Start date:</b>	09/04/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andrew Schoen	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Reviewed:</b>	
<b>Source:</b>		<b>Affected Versions:</b>	
<b>Tags:</b>		<b>ceph-qa-suite:</b>	
<b>Backport:</b>		<b>Pull request ID:</b>	
<b>Regression:</b>	No		
<b>Severity:</b>	3 - minor		

#### Description

```
rock64@rockpro64-1:~/my-cluster$ sudo ceph-volume --cluster ceph lvm
create --bluestore --data /dev/storage/foobar
Running command: /usr/bin/ceph-authtool --gen-print-key
Running command: /usr/bin/ceph --cluster ceph --name
client.bootstrap-osd --keyring
/var/lib/ceph/bootstrap-osd/ceph.keyring -i - osd new
e7dd6d45-b556-461c-bad1-83d98a5a1afa
--> Was unable to complete a new OSD, will rollback changes
Running command: /usr/bin/ceph --cluster ceph --name
client.bootstrap-osd --keyring
/var/lib/ceph/bootstrap-osd/ceph.keyring osd purge-new osd.1
--yes-i-really-mean-it
stderr: no valid command found; 10 closest matches:
```

#### And the file log:

```
[2018-09-02 18:49:27,720][ceph_volume.devices.lvm.prepare][ERROR ] lvm
prepare was unable to complete
Traceback (most recent call last):
  File "/usr/lib/python2.7/dist-packages/ceph_volume/devices/lvm/prepare.py",
line 216, in safe_prepare
    self.prepare(args)
  File "/usr/lib/python2.7/dist-packages/ceph_volume/decorators.py",
line 16, in is_root
    return func(*a, **kw)
  File "/usr/lib/python2.7/dist-packages/ceph_volume/devices/lvm/prepare.py",
line 283, in prepare
    block_lv = self.prepare_device(args.data, 'block', cluster_fsid, osd_fsid)
  File "/usr/lib/python2.7/dist-packages/ceph_volume/devices/lvm/prepare.py",
line 206, in prepare_device
    raise RuntimeError(' '.join(error))
RuntimeError: Cannot use device (/dev/storage/foobar). A vg/lv path or
an existing device is needed
[2018-09-02 18:49:27,722][ceph_volume.devices.lvm.prepare][INFO ]
will rollback OSD ID creation
[2018-09-02 18:49:27,723][ceph_volume.process][INFO ] Running
command: /usr/bin/ceph --cluster ceph --name client.bootstrap-osd
--keyring /var/lib/ceph/bootstrap-osd/ceph.keyring osd purge-new osd.1
--yes-i-really-mean-it
```

```
[2018-09-02 18:49:28,425][ceph_volume.process][INFO ] stderr no valid
command found; 10 closest matches:
```

## History

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### #1 - 09/04/2018 11:25 AM - Alfredo Deza

- Assignee set to Andrew Schoen

the `except Exception` should be caught and then reported on the terminal. Probably something like:

```
except Exception as error:
    terminal.error(str(error))
    [...]
```

### #2 - 09/06/2018 08:12 AM - Roman Bogachev

The same error.

```
$ ceph --version
ceph version 13.2.1 (5533ecdc0fda920179d7ad84e0aa65a127b20d77) mimic (stable)
```

When try to create new OSD.

```
# ceph-volume lvm create --bluestore --data /dev/mapper/ceph--block--0-block--0 --block.wal /dev/mapper/ceph--
db--0-wal--0 --block.db /dev/mapper/ceph--db--0-db--0
Running command: /bin/ceph-authtool --gen-print-key
Running command: /bin/ceph --cluster ceph --name client.bootstrap-osd --keyring /var/lib/ceph/bootstrap-osd/ce
ph.keyring -i - osd new 018d024c-4f08-4e25-a952-ada8896085bb
--> Was unable to complete a new OSD, will rollback changes
Running command: /bin/ceph --cluster ceph --name client.bootstrap-osd --keyring /var/lib/ceph/bootstrap-osd/ce
ph.keyring osd purge-new osd.0 --yes-i-really-mean-it
stderr: no valid command found; 10 closest matches:
osd tier add-cache <poolname> <poolname> <int[0-]>
osd tier remove-overlay <poolname>
osd out <ids> [<ids>...]
osd in <ids> [<ids>...]
stderr: osd down <ids> [<ids>...]
osd unset full|pause|noup|nodown|noout|noin|nobackfill|norebalance|norecover|noscrub|nodeep-scrub|notieragent|
nosnaptrim
osd require-osd-release luminous|mimic (--yes-i-really-mean-it)
osd erasure-code-profile ls
osd set full|pause|noup|nodown|noout|noin|nobackfill|norebalance|norecover|noscrub|nodeep-scrub|notieragent|no
snaptrim|sortbitwise|recovery_deletes|require_jewel_osds|require_kraken_osds (--yes-i-really-mean-it)
osd erasure-code-profile get <name>
Error EINVAL: invalid command
--> RuntimeError: command returned non-zero exit status: 22
```

**#3 - 12/21/2018 07:11 PM - Alfredo Deza**

Andrew, can you update this with the PRs associated with the fix? Having trouble finding those links

**#4 - 01/29/2019 05:31 PM - Andrew Schoen**

- *Status changed from New to Resolved*

master: <https://github.com/ceph/ceph/pull/22627>

mimic: <https://github.com/ceph/ceph/pull/22640>

luminous: <https://github.com/ceph/ceph/pull/22641>