

## Ceph - Bug #11272

### ceph-disk zap should ensure block device

03/30/2015 04:22 PM - Travis Rhoden

<b>Status:</b>	Resolved	<b>Start date:</b>	03/30/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Loic Dachary	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Source:</b>	other	<b>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	
<b>Backport:</b>	hammer	<b>ceph-qa-suite:</b>	
<b>Regression:</b>	No	<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor		
<b>Description</b>			
If you try to zap a directory, you get an ugly traceback:			
<pre>[ggas014][INFO ] Running command: sudo /usr/sbin/ceph-disk zap /dev/sdc [ggas014][WARNIN] Traceback (most recent call last): [ggas014][WARNIN]   File "/usr/sbin/ceph-disk", line 2768, in &lt;module&gt; [ggas014][WARNIN]     main() [ggas014][WARNIN]   File "/usr/sbin/ceph-disk", line 2746, in main [ggas014][WARNIN]     args.func(args) [ggas014][WARNIN]   File "/usr/sbin/ceph-disk", line 2464, in main_zap [ggas014][WARNIN]     zap(dev) [ggas014][WARNIN]   File "/usr/sbin/ceph-disk", line 1013, in zap [ggas014][WARNIN]     with file(dev, 'wb') as dev_file: [ggas014][WARNIN] IOError: [Errno 21] Is a directory: '/dev/sdc' [ggas014][ERROR ] RuntimeError: command returned non-zero exit status: 1 [ceph_deploy][ERROR ] RuntimeError: Failed to execute command: /usr/sbin/ceph-disk zap /dev/sdc</pre>			
<b>Related issues:</b>			
Copied to Ceph - Backport #12589: ceph-disk zap should ensure block device		<b>Resolved</b>	<b>03/30/2015</b>

#### Associated revisions

##### Revision 8e1bcf21 - 05/31/2015 05:42 PM - Loic Dachary

ceph-disk: always check zap is applied on a full device

zap only makes sense on a full device and this is verified for

```
ceph-disk prepare --zap-disk
```

but not for

```
ceph-disk zap
```

Unify the two and add a test to check that it fails as expected when trying to zap a directory.

<http://tracker.ceph.com/issues/11272> Fixes: #11272

Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>

**Revision 3e128637 - 06/07/2015 11:52 AM - Loic Dachary**

tests: ceph-disk.sh test zap gitbuilder false negative

When looking for an error message and testing ceph disk zap, use `grep -q` to not display the error message that will be mistaken for a real error by the gitbuilder parser.

<http://tracker.ceph.com/issues/11272> Refs: #11272

Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>

**Revision a4783853 - 09/02/2015 06:31 AM - Loic Dachary**

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Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>  
(cherry picked from commit 8e1bcf21f090fc98ac9b495d76614e3012f5872a)

Conflicts:

src/test/ceph-disk.sh : trivial resolution

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## History

**#1 - 05/31/2015 05:45 PM - Loic Dachary**

- Status changed from New to Need Review

- Assignee set to Loic Dachary
- Regression set to No

<https://github.com/ceph/ceph/pull/4818>

**#2 - 06/06/2015 10:23 PM - Loic Dachary**

- Status changed from Need Review to Resolved

**#3 - 07/30/2015 08:21 PM - Ken Dreyer**

- Status changed from Resolved to Pending Backport
- Backport set to hammer

We're cherry-picking this downstream in RHCS 1.3, so it would be great to get it fixed upstream in Hammer too!

**#4 - 09/02/2015 09:36 PM - Loic Dachary**

- Status changed from Pending Backport to Resolved