Dashboard - Bug #39933

test suite #39933: inconsistent result when editing a RBD image's features

05/15/2019 09:45 AM - Kiefer Chang

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>% Done:</th>
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<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>Kiefer Chang</td>
<td></td>
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</tr>
<tr>
<td>Category:</td>
<td>General - Back-end</td>
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<td>Target version:</td>
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<td>Affected Versions:</td>
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<td>Tags:</td>
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<td>Backport:</td>
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<td>Reviewed:</td>
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**Description**

Steps to reproduce:

- Test on master commit 278f5de4126883c1fd6bd1e2c08ed8244b563928
- Create a RBD pool
- Create an image in that pool with only `layering` feature on
- Edit the image. Turn on `Exclusive lock`, `Object map`, and `Fast diff` features
- A pop-up shows: `[errno 22] error updating features for image b'vol1'

![Screenshot of ceph dashboard](image)

- Reload image list and found that features `layering`, `Exclusive lock`, `Object map`, and `Fast diff` are all enabled.

Some other issues:

- Create an image with `layering` feature and later edit it with `Exclusive lock`, `Object map`: success but `Fast diff` is also on.
- Edit an image with `layering`, `Exclusive lock`, `Object map`, and `Fast diff` feature and uncheck `Fast diff`: success but `Object map` is also off.
- Teuthology test fails on test_image_change_features (tasks.mgr.dashboard.test_rbd.RbdTest)

```
# checkout 8e7be2cc4a8b7e0b5c902c1a3d16bca3c185b4f4
# source run-backend-api-tests.sh
# run_teuthology_tests_tasks.mgr.dashboard.test_rbd
```
2019-05-15 07:30:17,802.802 INFO:__main__:--------------------------------------------------------
2019-05-15 07:30:17,803.803 INFO:__main__:Traceback (most recent call last):
2019-05-15 07:30:17,803.803 INFO:__main__: 'journaling', 'layering']
2019-05-15 07:30:17,804.804 INFO:__main__: self.assertSetEqual(set(img[k]), set(v))
2019-05-15 07:30:17,804.804 INFO:__main__:AssertionError: Items in the second set but not the first:
2019-05-15 07:30:17,804.804 INFO:__main__:'journaling'
2019-05-15 07:30:17,805.805 INFO:__main__:--------------------------------------------------------
2019-05-15 07:30:17,805.805 INFO:__main__:Ran 14 tests in 145.670s
2019-05-15 07:30:17,805.805 INFO:__main__:FAILED (failures=1)

Seems there are some co-existing behavior for `object map` and `fast diff` features.

### Related issues:
- Related to Dashboard - Feature #39451: mgr/dashboard: Interlock 'fast-diff' a...
  Resolved
- Copied to Dashboard - Backport #39993: nautilus: mgr/dashboard: inconsistent ...
  Resolved

### History

#### #1 - 05/15/2019 09:48 AM - Kiefer Chang
- Subject changed from mgr/dashboard: inconsistent result when editing a RBD image features to mgr/dashboard: inconsistent result when editing a RBD image's features

#### #2 - 05/15/2019 10:23 AM - Kiefer Chang
Related: [http://tracker.ceph.com/issues/39521](http://tracker.ceph.com/issues/39521)

Now enable/disable object-map or fast-diff will also enable/disable the other.
If we providing two features to backend, the second update_features call will fails because it's already on.

#### #3 - 05/16/2019 06:16 AM - Mykola Golub
I suppose #39451 will fix this.

#### #4 - 05/16/2019 07:34 AM - Patrick Seidensal
- Related to Feature #39451: mgr/dashboard: Interlock 'fast-diff' and 'object-map' added

#### #5 - 05/16/2019 07:34 AM - Patrick Seidensal
- Status changed from New to 12
- Assignee set to Patrick Seidensal

#### #6 - 05/16/2019 08:17 AM - Patrick Seidensal
- Assignee changed from Patrick Seidensal to Kiefer Chang

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#7 - 05/16/2019 09:56 AM - Kiefer Chang
- Status changed from 12 to In Progress
- Pull request ID set to 28147

#8 - 05/21/2019 09:04 AM - Laura Paduano
- Status changed from In Progress to Fix Under Review

#9 - 05/21/2019 12:01 PM - Lenz Grimmer
- Status changed from Fix Under Review to Pending Backport
- Target version set to v15.0.0
- Backport set to nautilus

#10 - 05/22/2019 06:26 AM - Kiefer Chang
- Copied to Backport #39993: nautilus: mgr/dashboard: inconsistent result when editing a RBD image’s features added

#11 - 06/04/2019 01:06 PM - Nathan Cutler
- Status changed from Pending Backport to Resolved

#12 - 04/15/2021 05:22 PM - Ernesto Puerta
- Project changed from mgr to Dashboard
- Category changed from dashboard/backend to General - Back-end

Files

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<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<td>error_pop_up_when_editing.png</td>
<td>247 KB</td>
<td>05/15/2019</td>
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<td>features_on.png</td>
<td>99.6 KB</td>
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