rgw - Bug #11256

rgw: object set attrs clobbers object removal bucket index update

03/27/2015 10:46 PM - Yehuda Sadeh

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>Start date:</th>
<th>03/27/2015</th>
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<tbody>
<tr>
<td>Priority:</td>
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<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Josh Durgin</td>
<td>% Done:</td>
<td>0%</td>
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<tr>
<td>Category:</td>
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<td>Estimated time:</td>
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<td>Target version:</td>
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<tr>
<td>Source:</td>
<td>other</td>
<td>Reviewed:</td>
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<td>Backport:</td>
<td>firefly, hammer</td>
<td>Affected Versions:</td>
<td>ceph-qa-suite:</td>
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<td>Regression:</td>
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<td>Release:</td>
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<td>Severity:</td>
<td>3 - minor</td>
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</tbody>
</table>

Description

- fix in master commit:4e6a66b and commit:edc0627

Associated revisions

Revision 7538319d - 03/27/2015 11:34 PM - Yehuda Sadeh
rgw: generate new tag for object when setting object attrs

Fixes: #11256
Backport: firefly, hammer

Beforehand we were reusing the object's tag, which is problematic as this tag is used for bucket index updates, and we might be clobbering a racing update (like object removal).

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>

Revision 62645d30 - 03/31/2015 12:34 AM - Yehuda Sadeh
cls_rgw: use multimap to keep pending operations in bucket index

Fixes: #11256
Multiple concurrent requests might be sent using the same tag, need the entry map to be able to hold multiple entries.

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>

Revision edc0627a - 04/13/2015 11:15 PM - Yehuda Sadeh
rgw: generate new tag for object when setting object attrs

Fixes: #11256
Backport: firefly, hammer

Beforehand we were reusing the object’s tag, which is problematic as this tag is used for bucket index updates, and we might be clobbering a racing update (like object removal).

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>

Revision 4e6a66b5 - 04/13/2015 11:15 PM - Yehuda Sadeh
cls_rgw: use multimap to keep pending operations in bucket index

Fixes: #11256
Multiple concurrent requests might be sent using the same tag, need the entry map to be able to hold multiple entries.

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>
(cherry picked from commit edc0627a1dbeb66ea2f5f177f6ceca64559ff3d8)

Revision 10013a90 - 05/04/2015 06:54 PM - Yehuda Sadeh
rgw: generate new tag for object when setting object attrs

Fixes: #11256
Beforehand we were reusing the object’s tag, which is problematic as this tag is used for bucket index updates, and we might be clobbering a racing update (like object removal).

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>
(cherry picked from commit edc0627a1dbeb66ea2f5f177f6ceca64559ff3d8)

Revision 62a99817 - 05/04/2015 06:54 PM - Yehuda Sadeh
cls_rgw: use multimap to keep pending operations in bucket index

Fixes: #11256
Multiple concurrent requests might be sent using the same tag, need the entry map to be able to hold multiple entries.

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>
(cherry picked from commit 4e6a66b55e73c01347fc3330faa5c1307d29e9d3)

Revision cb757137 - 05/05/2015 08:17 PM - Yehuda Sadeh
rgw: generate new tag for object when setting object attrs

Fixes: #11256
Backport: firefly, hammer

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Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>
(cherry picked from commit edc0627a1dbeb66ea2f5f177f6ceca64559ff3d8)

Revision 7c7e651a - 05/05/2015 08:17 PM - Yehuda Sadeh
cls_rgw: use multimap to keep pending operations in bucket index

Fixes: #11256
Multiple concurrent requests might be sent using the same tag, need the entry map to be able to hold multiple entries.

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>
(cherry picked from commit 4e6a66b55e73c01347f3330fa5c1307d29e9d3)

Revision 359e1305 - 07/30/2015 03:17 AM - Yehuda Sadeh
rgw: generate new tag for object when setting object attrs

Fixes: #11256
Backport: firefly, hammer

Beforehand we were reusing the object’s tag, which is problematic as this tag is used for bucket index updates, and we might be clobbering a racing update (like object removal).

Signed-off-by: Yehuda Sadeh <yehuda@redhat.com>
(cherry picked from commit 7538319dd7aa80a3318c108d345dee8044cf20a8)

History

#1 - 03/30/2015 10:39 PM - Ian Colle
- Status changed from New to Testing

#2 - 04/13/2015 11:49 PM - Yehuda Sadeh
- Status changed from Testing to Need Review
- Assignee changed from Yehuda Sadeh to Josh Durgin
- Backport changed from firefly to firefly, hammer

#3 - 05/05/2015 09:17 PM - Yehuda Sadeh
- Status changed from Need Review to Pending Backport

  fixes merged into hammer
  - hammer backport commit:7c7e651 and commit:cb75713

#4 - 05/06/2015 10:19 AM - Loic Dachary
- Description updated
- Regression set to No

#5 - 05/06/2015 10:22 AM - Loic Dachary
- Description updated

#6 - 05/10/2015 04:43 PM - Nathan Cutler
- firefly backport: https://github.com/ceph/ceph/pull/4571

#7 - 05/10/2015 04:46 PM - Nathan Cutler
both hammer and firefly backports appear to have been merged - does that mean this issue can be closed?

#8 - 05/12/2015 10:19 AM - Loic Dachary
- Status changed from Pending Backport to Resolved