rgw - Bug #40903

rgw: gc remove tag issue

07/23/2019 10:16 AM - Tianshan Qu

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>% Done:</th>
<th>0%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Spent time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Tianshan Qu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category:</td>
<td></td>
<td>Affected Versions:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>v15.0.0</td>
<td>ceph-qa-suite:</td>
<td></td>
</tr>
<tr>
<td>Source:</td>
<td></td>
<td>Pull request ID:</td>
<td>29199</td>
</tr>
<tr>
<td>Backport:</td>
<td>nautilus,mimic,luminous</td>
<td>Crash signature (v1):</td>
<td></td>
</tr>
<tr>
<td>Regression:</td>
<td>No</td>
<td>Crash signature (v2):</td>
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</tr>
<tr>
<td>Severity:</td>
<td>3 - minor</td>
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<td></td>
</tr>
<tr>
<td>Reviewed:</td>
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Description

Currently a gc tag is removed once the first shadow object is removed. That is problematic since if there is a failure in removing the rest of the shadow objects, there's no record to do so.

Instead we should only remove the gc tag once all the shadow objects are successfully removed.

Original Text

now gc add tag to remove queue just after first shadow io finish,
so if following shadows have any delete failure, there will be no chance to retry, since gc tag entry have been removed.

Related issues:

Copied to rgw - Backport #41636: nautilus: rgw: gc remove tag issue Resolved
Copied to rgw - Backport #41637: luminous: rgw: gc remove tag issue Rejected
Copied to rgw - Backport #41638: mimic: rgw: gc remove tag issue Resolved

History

#1 - 07/23/2019 10:20 AM - Tianshan Qu
https://github.com/ceph/ceph/pull/29199

#2 - 07/25/2019 05:50 PM - Casey Bodley
- Status changed from New to Fix Under Review

#3 - 07/29/2019 07:39 PM - J. Eric Ivancich
- Description updated
- Status changed from Fix Under Review to 17
- Target version set to v15.0.0
- Backport set to nautilus,mimic,luminous
- Pull request ID set to 29199

#4 - 07/29/2019 07:40 PM - J. Eric Ivancich
- Assignee set to Tianshan Qu

#5 - 08/22/2019 05:54 PM - Casey Bodley
- Status changed from 17 to 7
#6 - 09/03/2019 07:11 PM - Casey Bodley
- Status changed from 7 to Pending Backport

#7 - 09/03/2019 08:36 PM - Nathan Cutler
- Copied to Backport #41636: nautilus: rgw: gc remove tag issue added

#8 - 09/03/2019 08:36 PM - Nathan Cutler
- Copied to Backport #41637: luminous: rgw: gc remove tag issue added

#9 - 09/03/2019 08:36 PM - Nathan Cutler
- Copied to Backport #41638: mimic: rgw: gc remove tag issue added

#10 - 01/27/2021 07:09 PM - Nathan Cutler
- Status changed from Pending Backport to Resolved

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".