rgw - Bug #39118
rgw: remove_olh_pending_entries() does not limit the number of xattrs to remove
04/04/2019 08:52 PM - Casey Bodley

Status: Resolved
Priority: High
Assignee: Casey Bodley
Category:
Target version:
Source:
Tags: versioning
Backport: luminous mimic nautilus
Regression: No
Severity: 3 - minor
Reviewed:

Description
RGWRados::remove_olh_pending_entries() tries to remove all stale pending entries, but if there are too many entries to send in a single osd op, the osd rejects the request with EINVAL. This error happens in follow_olh(), which means that requests against the object logical head (requests with no version id) can't be resolved to the current object version. In multisite, this also causes data sync to get stuck in retries.

Related issues:
- Related to Bug #37792: multisite: overwrites in versioning-suspended buckets fail to sync added
- Copied to rgw - Bug #37792: multisite: overwrites in versioning-suspended bu... Resolved 01/04/2019
- Copied to rgw - Backport #39177: luminous: rgw: remove_olh_pending_entries() ... Resolved
- Copied to rgw - Backport #39178: nautilus: rgw: remove_olh_pending_entries() ... Resolved
- Copied to rgw - Backport #39179: mimic: rgw: remove_olh_pending_entries() doe... Resolved

History
#1 - 04/04/2019 08:59 PM - Casey Bodley
- Assignee set to Casey Bodley

#2 - 04/04/2019 08:59 PM - Casey Bodley
- Related to Bug #37792: multisite: overwrites in versioning-suspended buckets fail to sync added

#3 - 04/04/2019 09:01 PM - Casey Bodley
The bug in https://tracker.ceph.com/issues/37792 is one way to produce massive amounts of pending olh entries.

#4 - 04/05/2019 01:44 PM - Casey Bodley
- Status changed from In Progress to Fix Under Review
- Pull request ID set to 27400

#5 - 04/05/2019 01:51 PM - Casey Bodley
- Status changed from Fix Under Review to 7

#6 - 04/05/2019 04:02 PM - Casey Bodley
- Status changed from 7 to Pending Backport

#7 - 04/10/2019 09:01 PM - Nathan Cutler
- Copied to Backport #39177: luminous: rgw: remove_olh_pending_entries() does not limit the number of xattrs to remove added

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#8 - 04/10/2019 09:02 PM - Nathan Cutler
- Copied to Backport #39178: nautilus: rgw: remove_olh_pending_entries() does not limit the number of xattrs to remove added

#9 - 04/10/2019 09:02 PM - Nathan Cutler
- Copied to Backport #39179: mimic: rgw: remove_olh_pending_entries() does not limit the number of xattrs to remove added

#10 - 07/23/2019 09:00 AM - Nathan Cutler
- Status changed from Pending Backport to Resolved