rbd - Bug #39435
snapshot object maps can go inconsistent during copyup
04/23/2019 02:50 PM - Ilya Dryomov

Status: Resolved
Priority: Normal
Assignee: Ilya Dryomov
Category:
Target version:
Source:
Tags: luminous,mimic,nautilus
Backport: luminous,mimic,nautilus
Regression: No
Severity: 3 - minor
Reviewed:

% Done: 0%
Spent time: 0.00 hour

Affected Versions:
ceph-qa-suite:
Pull request ID: 27724
Crash signature (v1):
Crash signature (v2):

Description
If the data read from the parent is all zeros, deep copyup isn't performed. However snapshot object maps are updated unconditionally, causing inconsistencies where nonexistent objects are marked OBJECT_EXISTS or OBJECT_EXISTS_CLEAN.

Related issues:
Copied to rbd - Backport #39499: nautilus: snapshot object maps can go incons... Resolved
Copied to rbd - Backport #39500: luminous: snapshot object maps can go inconsist... Rejected
Copied to rbd - Backport #39501: mimic: snapshot object maps can go inconsistent... Rejected

History
#1 - 04/24/2019 05:53 PM - Ilya Dryomov
- Status changed from In Progress to Fix Under Review
- Pull request ID set to 27724

#2 - 04/24/2019 07:30 PM - Jason Dillaman
- Backport set to luminous,mimic,nautilus

#3 - 04/26/2019 12:12 PM - Jason Dillaman
- Status changed from Fix Under Review to Pending Backport

#4 - 04/26/2019 03:45 PM - Nathan Cutler
- Copied to Backport #39499: nautilus: snapshot object maps can go inconsistent during copyup added

#5 - 04/26/2019 03:45 PM - Nathan Cutler
- Copied to Backport #39500: luminous: snapshot object maps can go inconsistent during copyup added

#6 - 04/26/2019 03:45 PM - Nathan Cutler
- Copied to Backport #39501: mimic: snapshot object maps can go inconsistent during copyup added

#7 - 05/15/2019 08:03 PM - Jason Dillaman
This backport effort should wait on the backport of 39021

#8 - 01/27/2021 08:07 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".