

rgw - Bug #23674

can't remove rados objects after copy rgw-object fail

04/12/2018 01:54 AM - long li

Status:	Resolved	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	long li		
Category:			
Target version:	v15.0.0		
Source:	Development	Affected Versions:	v12.2.2
Tags:		ceph-qa-suite:	rgw
Backport:	nautilus,mimic,luminous	Pull request ID:	30013
Regression:	No	Crash signature (v1):	
Severity:	3 - minor	Crash signature (v2):	
Reviewed:			
Description			
In copy rgw-object, rgw will increase rados objects refcount by using <code>cls_refcount_get</code> , and the <code>ref_tag</code> include <code>\0</code> , see <code>rgw_rados.cc::RGWRados::copy_obj() { ...ref_tag = tag + '\0'; cls_refcount_get(op, ref_tag, true);...}</code> . And rgw will rollback reference by using <code>cls_refcount_put</code> if the next operation fail, but the <code>ref_tag</code> does not include <code>\0</code> , see <code>rgw_rados.cc::RGWRados::copy_obj() { ...done_ret:...cls_refcount_put(op, tag, true);...}</code> , so the <code>cls_refcount_put</code> has no effect, the rados object refcount will not decrease, and the rados object will not be removed even if the souce rgw-object be removed.			
Related issues:			
Copied to rgw - Backport #41713: luminous: can't remove rados objects after c...		Resolved	
Copied to rgw - Backport #41714: nautilus: can't remove rados objects after c...		Resolved	
Copied to rgw - Backport #41715: mimic: can't remove rados objects after copy...		Resolved	

History

#1 - 04/12/2018 02:00 AM - long li

I pulled requests in github(<https://github.com/ceph/ceph/pull/20790><https://github.com/ceph/ceph/pull/20789>), but I am not familiar with github, so I don't know how to deal this issue, I hope someone else can deal this issue, thank you.

#2 - 04/12/2018 03:03 AM - Nathan Cutler

- Backport set to luminous

#3 - 04/12/2018 03:04 AM - Nathan Cutler

- Status changed from New to Fix Under Review

<https://github.com/ceph/ceph/pull/20790>

#4 - 04/12/2018 03:04 AM - Nathan Cutler

- Assignee set to long li

#5 - 08/27/2019 05:45 PM - J. Eric Ivancich

- Pull request ID set to 20790

#6 - 08/27/2019 05:54 PM - J. Eric Ivancich

- Target version changed from v12.2.5 to v15.0.0

- Backport changed from luminous to nautilus,mimic,luminous

#7 - 08/29/2019 02:53 PM - J. Eric Ivancich

- Pull request ID changed from 20790 to 30013

The PR was replaced to one where each commit is signed-off and formatting issues are resolved.

#8 - 09/05/2019 05:37 PM - J. Eric Ivancich

- Status changed from Fix Under Review to Pending Backport

#9 - 09/07/2019 09:31 AM - Nathan Cutler

- Copied to Backport #41713: luminous: can't remove rados objects after copy rgw-object fail added

#10 - 09/07/2019 09:31 AM - Nathan Cutler

- Copied to Backport #41714: nautilus: can't remove rados objects after copy rgw-object fail added

#11 - 09/07/2019 09:31 AM - Nathan Cutler

- Copied to Backport #41715: mimic: can't remove rados objects after copy rgw-object fail added

#12 - 12/19/2019 02:21 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".