

rgw - Bug #10475

rgw: setting bucket metadata via swift api removes existing metadata

01/07/2015 01:25 PM - Josh Durgin

Status:	Resolved	Start date:	01/07/2015
Priority:	High	Due date:	
Assignee:	Dmytro Yurchenko	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Source:	Development	Reviewed:	
Tags:		Affected Versions:	
Backport:	giant, firefly	ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor		
Description			
According to http://docs.openstack.org/api/openstack-object-storage/1.0/content/POST_updateContainerMeta_v1_account_container_storage_container_services.html the existing metadata should not be affected.			
commit:f67bfa24fd6f69c2fcc0987eba8b6b426dd78320			

Associated revisions

Revision f67bfa24 - 02/10/2015 05:18 PM - Dmytro lurchenko

rgw: Swift API. Support for X-Remove-Container-Meta-{key} header.

Fixes: #10475

Backport: hammer, firefly

Reported-by: Josh Durgin <jdurgin@redhat.com>

Signed-off-by: Dmytro lurchenko <dlurchenko@mirantis.com>

Revision d0fd417e - 03/10/2015 11:35 PM - Dmytro lurchenko

rgw: Swift API. Support for X-Remove-Container-Meta-{key} header.

Fixes: #10475

Backport: hammer, firefly

Reported-by: Josh Durgin <jdurgin@redhat.com>

Signed-off-by: Dmytro lurchenko <dlurchenko@mirantis.com>

(cherry picked from commit f67bfa24fd6f69c2fcc0987eba8b6b426dd78320)

Conflicts:

src/rgw/rgw_rest.h

trivial merge: prototype of an unrelated function changed

s/is_object_op/!(s->object == NULL)/

Revision c3d998e4 - 03/19/2015 01:26 PM - Dmytro Lurchenko

rgw: Swift API. Support for X-Remove-Container-Meta-{key} header.

Fixes: #10475

Backport: hammer, firefly

Reported-by: Josh Durgin <jdurgin@redhat.com>

Signed-off-by: Dmytro Lurchenko <dilurchenko@mirantis.com>

(cherry picked from commit f67bfa24fd6f69c2fcc0987eba8b6b426dd78320)

Conflicts:

src/rgw/rgw_rest.h

trivial merge: prototype of an unrelated function changed

src/rgw/rgw_op.cc

s/is_object_op/(s->object == NULL)/

History

#1 - 01/19/2015 07:18 AM - Dmytro Yurchenko

I've started to work on it.

#2 - 01/22/2015 06:44 PM - Yehuda Sadeh

- Assignee set to Dmytro Yurchenko

#3 - 01/22/2015 07:09 PM - Josh Durgin

FWIW I filed this based on reading RGWPutMetadata::execute() during a review:

https://github.com/ceph/ceph/blob/6f44f7a0a9847e419ce2783164633efa71218380/src/rgw/rgw_op.cc#L1940

#4 - 01/23/2015 08:13 AM - Dmytro Yurchenko

- Status changed from New to In Progress

Sending new metadata to an object will erase existing ones too.

I couldn't test it, because development version has troubles with returning back bucket's custom metadata.

So I had to fix that first. I will provide both fixes in one patch.

#5 - 01/23/2015 12:54 PM - Dmytro Yurchenko

- % Done changed from 0 to 20

#6 - 01/23/2015 06:09 PM - Dmytro Yurchenko

- % Done changed from 20 to 40

Implemented correct metadata merging and deletion according to:

<http://docs.openstack.org/api/openstack-object-storage/1.0/content/delete-container-metadata.html>

Now testing and improving the patch before publishing it.

#7 - 01/27/2015 10:45 AM - Dmytro Yurchenko

- % Done changed from 40 to 100

Now waiting for the review.

<https://github.com/ceph/ceph/pull/3561>

#8 - 01/27/2015 06:42 PM - Sage Weil

- Status changed from *In Progress* to *Need Review*

#9 - 02/10/2015 09:06 PM - Yehuda Sadeh

- Status changed from *Need Review* to *Pending Backport*

#10 - 03/10/2015 10:12 PM - Loic Dachary

- Description updated

#11 - 03/17/2015 12:33 PM - Loic Dachary

- Description updated

#12 - 03/17/2015 12:51 PM - Loic Dachary

- giant backport <https://github.com/ceph/ceph/pull/4034>

#13 - 03/24/2015 05:55 PM - Sage Weil

- Status changed from *Pending Backport* to *Resolved*