

rgw - Bug #51247

notifications: add new type DeleteMarkerDeleted of event

06/16/2021 04:39 PM - Yuval Lifshitz

Status: New	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee:	
Category:	
Target version:	
Source: Q/A	Affected Versions:
Tags: notifications	ceph-qa-suite:
Backport: pacific	Pull request ID:
Regression: No	Crash signature (v1):
Severity: 3 - minor	Crash signature (v2):
Reviewed:	
Description on versioned bucket, deleting the deleteMarkder has "eventTime":"0.000000" in event record	

History

#1 - 06/17/2021 05:53 AM - Yuval Lifshitz

- Backport set to pacific

#2 - 06/17/2021 05:56 AM - Yuval Lifshitz

- Status changed from New to Fix Under Review

- Pull request ID set to 41909

#3 - 06/24/2021 02:16 PM - Yuval Lifshitz

- Subject changed from notifications: zero time when deleting a delete marker to notifications: add new type DeleteMarkerDeleted of event

- Status changed from Fix Under Review to In Progress

- Pull request ID deleted (41909)

#4 - 07/19/2021 09:49 AM - Yuval Lifshitz

- Status changed from In Progress to New

- Assignee deleted (Yuval Lifshitz)

#5 - 08/02/2021 12:54 PM - Yuval Lifshitz

currently when a delete marker is deleted the event that is being sent is: s3:ObjectRemoved:Delete
this is confusing since the event has no "size" or "etag" since it does not refer to a specific version of the object.

instead, we suggest adding a new event type: s3:ObjectRemoved:DeleteMarkerDeleted and use in these cases
for this event, it would be expected that the size and etag values are empty.

this would require changes the code:

- definition of types: https://github.com/ceph/ceph/blob/master/src/rgw/rgw_notify_event_type.cc
- and the code that set the value in the ops:
https://github.com/ceph/ceph/blob/master/src/rgw/rgw_op.cc#L4786
https://github.com/ceph/ceph/blob/master/src/rgw/rgw_op.cc#L6646

in the docs: <https://github.com/ceph/ceph/blob/master/doc/radosgw/s3-notification-compatibility.rst>

and would require adding a new test to verify this case:

https://github.com/ceph/ceph/blob/master/src/test/rgw/bucket_notification/test_bn.py#L1942