

## rgw - Bug #48369

### notification: get/delete of specific notification does not work

11/26/2020 11:10 AM - Yuval Lifshitz

<b>Status:</b>	Fix Under Review	<b>% Done:</b>	0%
<b>Priority:</b>	Low	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Yuval Lifshitz		
<b>Category:</b>			
<b>Target version:</b>			
<b>Source:</b>	Development	<b>Affected Versions:</b>	
<b>Tags:</b>	notification	<b>ceph-qa-suite:</b>	
<b>Backport:</b>	octopus, nautilus	<b>Pull request ID:</b>	39945
<b>Regression:</b>	No	<b>Crash signature (v1):</b>	
<b>Severity:</b>	4 - irritation	<b>Crash signature (v2):</b>	
<b>Reviewed:</b>			

#### Description

note that this is an extension to the AWS API, for the next steps to work, follow the instructions here:

<https://github.com/ceph/ceph/tree/master/examples/boto3>

to reproduce:

- (1) start a vstart cluster
- (2) create 2 topics:

```
aws --endpoint-url http://localhost:8000 sns create-topic --name fishtopic --attributes='{ "push-enpoint": "amqp://127.0.0.1:5672", "amqp-exchange": "ex1", "amqp-ack-level": "broker" }'
```

- (3) create a bucket:

```
aws --endpoint-url http://localhost:8000 s3 mb s3://fish
```

- (4) create 2 notifications on that bucket:

```
aws --region=default --endpoint-url http://localhost:8000 s3api put-bucket-notification-configuration --bucket fish --notification-configuration='{ "TopicConfigurations": [{"Id": "creation-notif", "TopicArn": "arn:aws:sns:default::fishtopic", "Events": ["s3:ObjectCreated:*"]} ]}'
```

```
aws --region=default --endpoint-url http://localhost:8000 s3api put-bucket-notification-configuration --bucket fish --notification-configuration='{ "TopicConfigurations": [{"Id": "deletion-notif", "TopicArn": "arn:aws:sns:default::fishtopic", "Events": ["s3:ObjectRemoved:*"]} ]}'
```

- (5) try to get a specific notification:

```
aws --region=default --endpoint-url http://localhost:8000 s3api get-bucket-notification-configuration --bucket fish --notification "creation-notif"
```

expected result:

```
{
  "TopicConfigurations": [
    {
      "Id": "creation-notif",
      "TopicArn": "arn:aws:sns:default::fishtopic", "Events": ["s3:ObjectCreated:*"]
    }
  ]
}
```

actual result:

```
{
  "TopicConfigurations": [
    {
      "Id": "creation-notif",
      "TopicArn": "arn:aws:sns:default::fishtopic",
      "Events": ["s3:ObjectCreated:*"]
    },
    {
      "Id": "deletion-notif",
      "TopicArn": "arn:aws:sns:default::fishtopic",
      "Events": ["s3:ObjectRemoved:*"]
    }
  ]
}
```

(6) try to delete a specific notification:

```
aws --region=default --endpoint-url http://localhost:8000 s3api delete-bucket-notification-configuration --bucket fish --notification "creation-notif"
```

(7) fetch notifications and expect to see only "deletion-notif"

actual results: both notifications are deleted

## History

#1 - 11/29/2020 04:03 PM - Yuval Lifshitz

- Priority changed from Normal to Low

- Severity changed from 3 - minor to 4 - irritation

this is working and tested: [https://github.com/ceph/ceph/blob/master/src/test/rgw/rgw\\_multi/tests\\_ps.py#L953](https://github.com/ceph/ceph/blob/master/src/test/rgw/rgw_multi/tests_ps.py#L953)

failing only when used via aws CLI. since this is a non-standard extension it may not be possible to make it work, but needs more investigation. maybe doable via modification to: <https://github.com/ceph/ceph/blob/master/examples/boto3/service-2.sdk-extras.json>

**#2 - 03/09/2021 12:44 PM - Yuval Lifshitz**

- Status changed from New to Fix Under Review

- Pull request ID set to 39945