rgw - Bug #18241
rgw: the Multi-Object Delete operation of S3 API wrongly handles the "Code" response element
12/13/2016 04:18 PM - Radoslaw Zarzynski

Status: Resolved
Priority: Normal
Assignee: Radoslaw Zarzynski
Category:
Target version:
Source: Development
Tags: ceph-qa-suite:
Backport: luminous mimic nautilus
Regression: No
Severity: 3 - minor
Reviewed:

% Done: 0%
Spent time: 0.00 hour

Affected Versions:
Pull request ID: 12470
Crash signature (v1):
Crash signature (v2):

Description
According to the AWS documentation the Code element in an error response for Multi-Object Delete should be a string with values resembling codes we usually convey as rgw_http_errors::s3_code.

Code
Status code for the result of the failed delete.

Type: String

Values: AccessDenied, InternalError

Ancestor: Error

Actually we are dumping Code as int with HTTP response number. In RGWDeleteMultiObj_ObjStore_S3::send_partial_response we have:

```
s->formatter->open_object_section("Error");

er_err_no = -op_ret;
rgw_get_errno_s3(&r, err_no);

s->formatter->dump_string("Key", key.name);
s->formatter->dump_string("VersionId", key.instance);
s->formatter->dump_int("Code", r.http_ret);
s->formatter->dump_string("Message", r.s3_code);
s->formatter->close_section();
```

Related issues:
- Copied to rgw - Backport #40135: luminous: rgw: the Multi-Object Delete opera... Resolved
- Copied to rgw - Backport #40136: mimic: rgw: the Multi-Object Delete operatio... Resolved
- Copied to rgw - Backport #40137: nautilus: rgw: the Multi-Object Delete opera... Resolved

History
#1 - 12/13/2016 04:19 PM - Radoslaw Zarzynski
- Status changed from New to In Progress
- Assignee set to Radoslaw Zarzynski
#2 - 12/14/2016 05:16 AM - Chang Liu
I have found whole list about S3 code/message: http://docs.aws.amazon.com/AmazonS3/latest/API/s3-api.pdf Page25. I would like to fix this bug. assign this issue to me, please.

#3 - 12/14/2016 04:14 PM - Kefu Chai
https://github.com/ceph/ceph/pull/12485

#4 - 12/22/2016 07:28 PM - Yehuda Sadeh
That's the PR that addresses this specific issue:
https://github.com/ceph/ceph/pull/12470

It's waiting on a test in the s3 test suite.

#5 - 06/03/2019 12:58 PM - Casey Bodley
- Status changed from In Progress to Pending Backport
- Backport set to luminous mimic nautilus

#6 - 06/04/2019 10:34 AM - Nathan Cutler
- Copied to Backport #40135: luminous: rgw: the Multi-Object Delete operation of S3 API wrongly handles the "Code" response element added

#7 - 06/04/2019 10:34 AM - Nathan Cutler
- Copied to Backport #40136: mimic: rgw: the Multi-Object Delete operation of S3 API wrongly handles the "Code" response element added

#8 - 06/04/2019 10:34 AM - Nathan Cutler
- Copied to Backport #40137: nautilus: rgw: the Multi-Object Delete operation of S3 API wrongly handles the "Code" response element added

#9 - 06/25/2019 11:01 AM - Nathan Cutler
- Pull request ID set to 12470

#10 - 10/11/2019 10:10 AM - 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".