rgw - Bug #10971

RGW does not send Content-Length HTTP header in response for GET on Swift account/container when the FCGI frontend is used

02/27/2015 01:09 PM - Radoslaw Zarzynski

Status: Resolved
Priority: Normal
Assignee: Radoslaw Zarzynski
Category: 
Target version: 
Source: other
Tags: 
Regression: No
Severity: 3 - minor

Description

The Content-Length header is mandatory according to OpenStack Object Storage API v1:
http://docs.openstack.org/api/openstack-object-storage/1.0/content/GET_showContainerDetails_v1_account_container_storag e_container_services.html.

The problem is absent while using the civetweb front-end due to extra level of buffering which allows to properly calculate and append the header when a given RGWOp does not generate it. Please take a look on RGWMongoose::write_data(), RGWMongoose::complete_header() and RGWMongoose::complete_request() methods


HTTP/1.1 200 OK
Content-type: text/plain; charset=utf-8
Content-Length: 5
file


HTTP/1.1 200 OK
Server: nginx/1.4.6 (Ubuntu)
Date: Fri, 27 Feb 2015 12:55:53 GMT
Content-Type: text/plain; charset=utf-8
Transfer-Encoding: chunked
Connection: keep-alive
file

Associated revisions

Revision 5a64fb54 - 04/07/2015 03:15 PM - Radoslaw Zarzynski
rgw: send Content-Length in response for GET on Swift container.

Fixes: #10971
Backport: hammer
Signed-off-by: Radoslaw Zarzynski <rzarzynski@mirantis.com>
Revision 8e6efdbc - 05/06/2015 12:03 PM - Radoslaw Zarzynski
rgw: send Content-Length in response for GET on Swift container.
Fixes: #10971
Backport: hammer
Signed-off-by: Radoslaw Zarzynski <rzarzynski@mirantis.com>
(cherry picked from commit 5a64fb5430b6b42174bf53a5910d9435043c1380)

Revision 0a580c4a - 07/08/2015 02:12 PM - Radoslaw Zarzynski
rgw: send Content-Length in response for GET on Swift container.
Fixes: #10971
Backport: hammer
Signed-off-by: Radoslaw Zarzynski <rzarzynski@mirantis.com>
(cherry picked from commit 5a64fb5430b6b42174bf53a5910d9435043c1380)

Revision d6be1f66 - 07/30/2015 03:17 AM - Radoslaw Zarzynski
rgw: send Content-Length in response for GET on Swift container.
Fixes: #10971
Backport: hammer
Signed-off-by: Radoslaw Zarzynski <rzarzynski@mirantis.com>
(cherry picked from commit 5a64fb5430b6b42174bf53a5910d9435043c1380)
(cherry picked from commit 8e6efdbc0f820b2ab3728662efbf4bc45495af)

History
#1 - 02/27/2015 02:51 PM - Radoslaw Zarzynski
I'm currently working on that.

#2 - 03/03/2015 01:17 PM - Radoslaw Zarzynski
Pull request: https://github.com/ceph/ceph/pull/3863 (also contains commits for #11036).

#3 - 03/14/2015 11:07 AM - Radoslaw Zarzynski
- Status changed from New to Need Review
- Assignee set to Radoslaw Zarzynski

#4 - 04/20/2015 04:29 PM - Yehuda Sadeh
- Status changed from Need Review to Pending Backport
- Backport set to hammer

Merged fix in commit:5a64fb5430b6b42174bf53a5910d9435043c1380
When backporting, we'll also need to have commit:f98fd4dfda7a105d621f99c2b48eb9ab9b45d979
#5 - 05/06/2015 11:59 AM - Loic Dachary

- hammer backport https://github.com/ceph/ceph/pull/4579

#6 - 05/12/2015 10:21 AM - Loic Dachary

- Status changed from Pending Backport to Resolved
- Regression set to No