

rgw - Bug #10683

RGW swift API: GET request for container/object with query parameter limit=0 does not return expected output

01/29/2015 08:42 AM - Ahmad Faheem

Status:	Need Review	Start date:	01/29/2015
Priority:	Normal	Due date:	
Assignee:	Radoslaw Zarzynski	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Source:	Q/A	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor		

Description

if value of query parameter "limit" is 0 rgw behaves as if limit parameter is not provided in GET query for container or object. for other positive values it works as expected.

Steps to reproduce:

1. swift post container1
2. swift post container2
3. swift post container3
4. swift post container4
5. curl -i "https://10.20.20.15:80/swift/v1?limit=0" -X GET -H "x-auth-token: 19aacea65f034c4eb1b17b79875313b3"

```
HTTP/1.1 200 OK
Date: Thu, 29 Jan 2015 08:30:16 GMT
Server: Apache/2.4.7 (Ubuntu)
Vary: Accept-Encoding
Access-Control-Allow-Origin: *
Content-Type: application/octet-stream
Connection: close
Transfer-Encoding: chunked
```

```
container1
container2
container3
container4
```

The same behavior is observed when combined with other query parameters like "marker".

In swift if same query is run it returns empty body.

```
curl -i http://10.0.2.15:8080/v1/AUTH\_b2419ea9588d49ddb8c006b5eb199ff?limit=0 -X GET -H "X-Auth-Token: 016649e57fdf4c26998d5a68f5ef214d"
```

```
HTTP/1.1 204 No Content
Content-Length: 0
X-Account-Object-Count: 4
X-Account-Storage-Policy-Policy-0-Bytes-Used: 1048582
X-Account-Storage-Policy-Policy-0-Container-Count: 5
X-Timestamp: 1419480678.41198
```

X-Account-Storage-Policy-Policy-0-Object-Count: 4
X-Account-Meta-Temp-Url-Key: secret
X-Account-Bytes-Used: 1048582
X-Account-Container-Count: 5
Content-Type: text/plain; charset=utf-8
Accept-Ranges: bytes
x-account-project-domain-id: default
X-Trans-Id: txec9ba5c0473d400ebda67-0054c8b8a5
Date: Wed, 28 Jan 2015 10:23:33 GMT

Associated revisions

Revision f7b92f99 - 04/20/2015 01:04 PM - Radoslaw Zarzynski

rgw: rectify support for GET on Swift's account with limit == 0.

Fixes: #10683

Backport: hammer

Signed-off-by: Radoslaw Zarzynski <rzarzynski@mirantis.com>

Revision 7dd54fa3 - 04/20/2015 01:04 PM - Radoslaw Zarzynski

rgw: make rgw_read_user_buckets() backward compatible.

Fixes: #10683

Backport: hammer

Signed-off-by: Radoslaw Zarzynski <rzarzynski@mirantis.com>

History

#1 - 03/30/2015 04:22 PM - Radoslaw Zarzynski

- Status changed from *New* to *In Progress*

- Assignee set to *Radoslaw Zarzynski*

I'm working on that.

#2 - 04/02/2015 12:32 PM - Radoslaw Zarzynski

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

Pull request: <https://github.com/ceph/ceph/pull/4257>.