

## rgw - Bug #19363

### return two responses when user do GetAcl on bucket

03/23/2017 08:17 AM - Chang Liu

<b>Status:</b>	Resolved	<b>Start date:</b>	03/23/2017
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Chang Liu	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Source:</b>		<b>Severity:</b>	2 - major
<b>Tags:</b>		<b>Reviewed:</b>	
<b>Backport:</b>	kraken	<b>Affected Versions:</b>	
<b>Regression:</b>	No	<b>ceph-qa-suite:</b>	

#### Description

□ build git:(wip-fix-seg-fault) □ s3cmd info s3://liuchang/

s3://liuchang/ (bucket):

Location: us-east-1

Payer: BucketOwner

Expiration Rule: none

ERROR: Error parsing xml: not well-formed (invalid token): line 1, column 101

ERROR: <LifecycleConfiguration xmlns="http://s3.amazonaws.com/doc/2006-03-01/"></LifecycleConfiguration>HTTP/1.1 200 OK

x-amz-request-id: tx00000000000000000000000026-0058d38277-103e-default

Content-Type: application/xml

Content-Length: 937

Date: Thu, 23 Mar 2017 08:08:23 GMT

```
<?xml version="1.0" encoding="UTF-8"?><AccessControlPolicy xmlns="http://s3.amazonaws.com/doc/2006-03-01/"><Owner><ID>56789abcdef0123456789abcdef0123456789abcdef0123456789abcdef01234</ID><DisplayName>john.doe</DisplayName></Owner><AccessControlList><Grant><Grantee xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="Group"><URI>http://acs.amazonaws.com/groups/global/AllUsers</URI></Grantee><Permission>READ</Permission></Grant><Grant><Grantee xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="CanonicalUser"><ID>56789abcdef0123456789abcdef0123456789abcdef0123456789abcdef01234</ID><DisplayName>john.doe</DisplayName></Grantee><Permission>FULL_CONTROL</Permission></Grant><Grant><Grantee xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="CanonicalUser"><ID>test</ID><DisplayName>Tester-Subuser</DisplayName></Grantee><Permission>READ</Permission></Grant></AccessControlList></AccessControlPolicy>
```

#### History

#1 - 03/23/2017 08:26 AM - Chang Liu

MORE LOG

DEBUG: CreateRequest: resource[uri]=/?acl

DEBUG: Using signature v4

DEBUG: get\_hostname(liuchang): localhost:8000

DEBUG: canonical\_headers = host:localhost:8000

x-amz-content-sha256:e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855

x-amz-date:20170323T082519Z

DEBUG: Canonical Request:

GET

/liuchang/

acl=  
host:localhost:8000  
x-amz-content-sha256:e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855  
x-amz-date:20170323T082519Z

host;x-amz-content-sha256;x-amz-date  
e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855

-----  
DEBUG: signature-v4 headers: {'x-amz-content-sha256': 'e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855',  
'Authorization': 'AWS4-HMAC-SHA256  
Credential=NOPQRSTUVWXYZABCDEFGH/20170323/US/s3/aws4\_request,SignedHeaders=host;x-amz-content-sha256;x-amz-date,Signature=3f574  
5a715f283ce5cfaddc204f4bf9c542f3e70017089f90d7d000f4aee0fab', 'x-amz-date': '20170323T082519Z'}  
DEBUG: Processing request, please wait...  
DEBUG: get\_hostname(liuchang): localhost:8000  
DEBUG: ConnMan.get(): re-using connection: <http://localhost:8000#3>  
DEBUG: format\_uri(): /liuchang/?acl  
DEBUG: Sending request method\_string='GET', uri='/liuchang/?acl', headers={'x-amz-content-sha256':  
'e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855', 'Authorization': 'AWS4-HMAC-SHA256  
Credential=NOPQRSTUVWXYZABCDEFGH/20170323/US/s3/aws4\_request,SignedHeaders=host;x-amz-content-sha256;x-amz-date,Signature=3f574  
5a715f283ce5cfaddc204f4bf9c542f3e70017089f90d7d000f4aee0fab', 'x-amz-date': '20170323T082519Z'}, body=(0 bytes)  
DEBUG: Response: {'status': 200, 'headers': {}, 'reason': '', 'data': '<LifecycleConfiguration  
xmlns="http://s3.amazonaws.com/doc/2006-03-01/"><LifecycleConfiguration>HTTP/1.1 200 OK\r\nx-amz-request-id:  
tx000000000000000000000000000000008-0058d3866f-5e31-default\r\nContent-Type: application/xml\r\nContent-Length: 937\r\nDate: Thu, 23 Mar 2017 08:25:19  
GMT\r\n\r\n<?xml version="1.0" encoding="UTF-8"?><AccessControlPolicy  
xmlns="http://s3.amazonaws.com/doc/2006-03-01/"><Owner><ID>56789abcdef0123456789abcdef0123456789abcdef01234</ID  
><DisplayName>john.doe</DisplayName></Owner><AccessControlList><Grant><Grantee  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="Group"><URI>  
xsi:type="CanonicalUser"><ID>56789abcdef0123456789abcdef0123456789abcdef01234</ID><DisplayName>john.doe</Display  
Name></Grantee><Permission>FULL\_CONTROL</Permission></Grant><Grant><Grantee  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:type="CanonicalUser"><ID>test</ID><DisplayName>Tester-Subuser</DisplayName></Grantee><Permission>READ</Permission></Grant></Ac  
cessControlList></AccessControlPolicy>'}  
DEBUG: ConnMan.put(): connection put back to pool (<http://localhost:8000#4>)  
ERROR: Error parsing xml: not well-formed (invalid token): line 1, column 101  
ERROR: <LifecycleConfiguration xmlns="http://s3.amazonaws.com/doc/2006-03-01/"><LifecycleConfiguration>HTTP/1.1 200 OK  
x-amz-request-id: tx000000000000000000000000000000008-0058d3866f-5e31-default  
Content-Type: application/xml  
Content-Length: 937  
Date: Thu, 23 Mar 2017 08:25:19 GMT

<?xml version="1.0" encoding="UTF-8"?><AccessControlPolicy  
xmlns="http://s3.amazonaws.com/doc/2006-03-01/"><Owner><ID>56789abcdef0123456789abcdef0123456789abcdef01234</ID  
><DisplayName>john.doe</DisplayName></Owner><AccessControlList><Grant><Grantee  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="Group"><URI>  
xsi:type="CanonicalUser"><ID>56789abcdef0123456789abcdef0123456789abcdef01234</ID><DisplayName>john.doe</Display  
Name></Grantee><Permission>FULL\_CONTROL</Permission></Grant><Grant><Grantee  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:type="CanonicalUser"><ID>test</ID><DisplayName>Tester-Subuser</DisplayName></Grantee><Permission>READ</Permission></Grant></Ac  
cessControlList></AccessControlPolicy>

**#2 - 03/23/2017 09:27 AM - Nathan Cutler**

- Project changed from Ceph to rgw
- Category deleted (22)

**#3 - 03/23/2017 01:24 PM - Chang Liu**

curl -v 'http://localhost:8000/liuchang/?lifecycle'

- Trying 127.0.0.1...
- Connected to localhost (127.0.0.1) port 8000 (#0)

```
GET /liuchang/?lifecycle HTTP/1.1
Host: localhost:8000
User-Agent: curl/7.47.0
Accept: */*
```

```
< HTTP/1.1 404 Not Found
< Content-Length: 236
< x-amz-request-id: tx00000000000000000009-0058d3cc18-1e4cb-default
< Accept-Ranges: bytes
< Content-Type: application/xml
< Date: Thu, 23 Mar 2017 13:22:32 GMT
<
```

- Excess found in a non pipelined read: excess = 97, size = 236, maxdownload = 236, bytecount = 0
- Connection #0 to host localhost left intact  
<?xml version="1.0" encoding="UTF-8"?><Error><Code>NoSuchLifecycleConfiguration</Code><BucketName>liuchang</BucketName><RequestId>tx00000000000000000009-0058d3cc18-1e4cb-default</RequestId><HostId>1e4cb-default-default</HostId></Error>%

**#4 - 03/23/2017 01:25 PM - Chang Liu**

curl -v 'http://localhost:8000/liuchang/?lifecycle'

```
* Trying 127.0.0.1...
* Connected to localhost (127.0.0.1) port 8000 (#0)
> GET /liuchang/?lifecycle HTTP/1.1
> Host: localhost:8000
> User-Agent: curl/7.47.0
> Accept: */*
>
< HTTP/1.1 404 Not Found
< Content-Length: 236
< x-amz-request-id: tx00000000000000000009-0058d3cc18-1e4cb-default
< Accept-Ranges: bytes
< Content-Type: application/xml
< Date: Thu, 23 Mar 2017 13:22:32 GMT
<
* Excess found in a non pipelined read: excess = 97, size = 236, maxdownload = 236, bytecount = 0
```

```
* Connection #0 to host localhost left intact
<?xml version="1.0" encoding="UTF-8"?><Error><Code>NoSuchLifecycleConfiguration</Code><BucketName>liuchang</BucketName><RequestId>tx000000000000000000000009-0058d3cc18-1e4cb-default</RequestId><HostId>1e4cb-default-default</HostId></Error>%
```

Here is a bug in LifeCycle API. I will try to fix it.

**#5 - 03/23/2017 05:37 PM - Yehuda Sadeh**

- *Description updated*

**#6 - 03/27/2017 05:26 AM - Chang Liu**

<https://github.com/ceph/ceph/pull/14160>

**#7 - 03/27/2017 03:01 PM - Casey Bodley**

- *Status changed from New to Need Review*

- *Backport set to kraken*

**#8 - 04/06/2017 05:50 PM - Yehuda Sadeh**

- *Status changed from Need Review to Resolved*