

rgw - Bug #42786

User use doscli can not get info or put objects in other buckets within ":" in those objects even the user have the permission.

11/13/2019 06:15 AM - he huang

Status: Triaged	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee: Adam Emerson	
Category:	
Target version: v15.0.0	
Source: Community (dev)	Reviewed:
Tags:	Affected Versions:
Backport:	ceph-qa-suite: rgw
Regression: No	Pull request ID:
Severity: 3 - minor	Crash signature:
Description	
Problem recurrence steps	
[Test Details]	
1. Create two users A and B	
2. Set bucket policy of user A and grant full access to user B.	
3. Upload an object with a ":" in the name to the bucket of user A, such as "AAA: BBB", and then use user B try to info and get the object.	
4. Use user B to try to put a new object with ":" in the name into the bucket of user A.	
[Expected Results]	
1. Steps 3 and 4 are successful	
[Actual Results]	
1. Steps 3 and 4: error reported and rejected	
The cause of the problem: S3 resource description statement is "arn: aws: S3::: bucket / object". When matching the bucket policy, we will first match the S3 resource description statement with regular expression "arn: ([^:]): ([^:] *): ([^:] *): ([^:] *): (.*)" . Finally, when comparing the "bucket / object" with the actual value, we will match the style with ":", such as the style "" and the actual value "bucket01 / aa: aa / " If they are divided into "" , "bucket01 / aa" and "aa", they will not match.	

History

#1 - 11/21/2019 04:43 PM - Casey Bodley

- Status changed from New to Triaged

- Assignee set to Adam Emerson

@Adam, does this look like a parsing bug?