

## rgw - Bug #39393

### inefficient unordered bucket listing

04/20/2019 12:50 AM - Casey Bodley

<b>Status:</b>	Resolved	<b>Start date:</b>	04/19/2019
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Casey Bodley	<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>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	
<b>Backport:</b>	luminous mimic nautilus	<b>ceph-qa-suite:</b>	
<b>Regression:</b>	No	<b>Pull request ID:</b>	27697
<b>Severity:</b>	3 - minor		
<b>Description</b>			
RGWRados::cls_bucket_list_unordered() loops over bucket index shards, but each loop uses CLSRGWIssueBucketList to send a [call rgw.bucket_list] osd op to every shard of the bucket index			
attached before/after logs of an unordered list_bucket request from s3tests_boto3.functional.test_s3.test_bucket_list_unordered with rgw_override_bucket_index_max_shards=8			
the difference is clear after counting the number of [call rgw.bucket_list] osd ops:			
<pre>\$ grep 'call rgw.bucket_list' unordered-8-shard-bucket-list-before.log   wc -l 64 \$ grep 'call rgw.bucket_list' unordered-8-shard-bucket-list-after.log   wc -l 8</pre>			
<b>Related issues:</b>			
Copied to rgw - Backport #39409: luminous: inefficient unordered bucket listing		<b>Resolved</b>	
Copied to rgw - Backport #39410: nautilus: inefficient unordered bucket listing		<b>Resolved</b>	
Copied to rgw - Backport #39411: mimic: inefficient unordered bucket listing		<b>Resolved</b>	

### History

#### #1 - 04/22/2019 03:23 PM - Casey Bodley

- File unordered-8-shard-bucket-list-after.log added
- File unordered-8-shard-bucket-list-before.log added
- Status changed from Need Review to Testing

#### #2 - 04/23/2019 12:07 PM - Casey Bodley

- Status changed from Testing to Pending Backport

#### #3 - 04/23/2019 01:03 PM - Nathan Cutler

- Copied to Backport #39409: luminous: inefficient unordered bucket listing added

#### #4 - 04/23/2019 01:03 PM - Nathan Cutler

- Copied to Backport #39410: nautilus: inefficient unordered bucket listing added

#### #5 - 04/23/2019 01:03 PM - Nathan Cutler

- Copied to Backport #39411: mimic: inefficient unordered bucket listing added

#6 - 06/14/2019 12:15 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved

**Files**

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unordered-8-shard-bucket-list-after.log	17.7 KB	04/22/2019	Casey Bodley
unordered-8-shard-bucket-list-before.log	51.6 KB	04/22/2019	Casey Bodley