

## rgw - Bug #38134

### rgw: `radosgw-admin bucket rm ... --purge-objects` can hang...

01/31/2019 09:37 PM - Eric Ivancich

<b>Status:</b> Resolved	<b>Start date:</b> 01/31/2019
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Eric Ivancich	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> v14.0.0	<b>Spent time:</b> 0.00 hour
<b>Source:</b>	<b>Reviewed:</b>
<b>Tags:</b>	<b>Affected Versions:</b>
<b>Backport:</b> mimic,luminous	<b>ceph-qa-suite:</b>
<b>Regression:</b> No	<b>Pull request ID:</b> 26231
<b>Severity:</b> 2 - major	

**Description**

This command can hang (i.e., enter an infinite loop) due to problematic bucket index entries left as a result of bug <https://tracker.ceph.com/issues/38007>.

The fix is to ignore the false bucket index entries -- since they do not represent actual objects -- and remove all actual objects in the bucket, so that bucket itself can be removed.

This fixes the both code paths whether `--bypass-gc` is specified or not.

Furthermore, to made these operations more efficient, the internal listing of the bucket is done unordered. This would improve behavior when removing buckets with a large number of objects.

**Related issues:**

Related to rgw - Bug #38470: Radosgw-admin can't delete bucket and radosgw-admin...	<b>Verified</b>	<b>02/25/2019</b>
Duplicated by rgw - Bug #18507: bucket and user can't be deleted	<b>Duplicate</b>	<b>01/12/2017</b>
Copied to rgw - Backport #38148: luminous: rgw: `radosgw-admin bucket rm ...`	<b>Resolved</b>	
Copied to rgw - Backport #38147: mimic: rgw: `radosgw-admin bucket rm ... --p...	<b>Resolved</b>	

## History

### #1 - 01/31/2019 09:38 PM - Eric Ivancich

- Subject changed from rgw: `radosgw-admin bucket rm ... --purge-objects` hangs to rgw: `radosgw-admin bucket rm ... --purge-objects` can hang...

### #2 - 01/31/2019 09:58 PM - Casey Bodley

- Status changed from In Progress to Testing

<https://github.com/ceph/ceph/pull/26231>

### #3 - 01/31/2019 10:07 PM - Casey Bodley

- Duplicated by Bug #18507: bucket and user can't be deleted added

### #4 - 02/01/2019 02:17 PM - Eric Ivancich

- Copied to Backport #38148: luminous: rgw: `radosgw-admin bucket rm ... --purge-objects` can hang... added

### #5 - 02/01/2019 02:18 PM - Eric Ivancich

- Copied to Backport #38147: mimic: rgw: `radosgw-admin bucket rm ... --purge-objects` can hang... added

### #6 - 02/01/2019 02:19 PM - Eric Ivancich

- Status changed from Testing to Pending Backport

**#7 - 02/03/2019 09:46 AM - Nathan Cutler**

- Pull request ID set to 26231

**#8 - 02/28/2019 06:39 PM - Casey Bodley**

- Related to Bug #38470: Radosg-admin can't delete bucket and radosgw-admin gc process not working (or very slowly) added

**#9 - 03/01/2019 10:32 AM - Nathan Cutler**

- Status changed from Pending Backport to Resolved