Ceph - Bug #16113

unfound objects after setting sortbitwise on a cluster after jewel upgrade

06/01/2016 10:00 PM - Samuel Just

Status:	Resolved		**Start date:**	06/01/2016
Priority:	Urgent		**Due date:**	
Assignee:	Samuel Just		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:			**Spent time:**	0.00 hour
Source:	other		**Reviewed:**	
Tags:			**Affected Versions:**	
Backport:	jewel		**ceph-qa-suite:**	
Regression:	No		**Pull request ID:**	
Severity:	3 - minor			

Description

Bug seen on sepia long running cluster, and some reports on list

2016-06-01 14:33:07.665212 7f305bf01700 10 osd.123 pg_epoch: 724336 pg[1.2e(v 724309'6620010
(724089'6616950,724309'6620010] local-les=724336 n=23575 ec=1 les/c/f 724299/724024/652051 724318/724326/724007)
[123,100,20,12] r=0 lpr=724326 pi=724007-724325/7 crt=724308'6620007 lcod 724308'6620007 mlcod 0'0 inactive]
search_for_missing 1:7442c937:::100177fc6c5.00000000:head 724309'6620009 also missing on osd.123 (last_backfill MAX but with
wrong sort order)
2016-06-01 14:33:07.665322 7f3063710700 15 osd.123 724336 project_pg_history 4.fd0 from 724327 to 724336, start ec=322215
les/c/f 724281/724281/652051 724318/724327/720451
2016-06-01 14:33:07.665321 7f305bf01700 10 osd.123 pg_epoch: 724336 pg[1.2e(v 724309'6620010
(724089'6616950,724309'6620010] local-les=724336 n=23575 ec=1 les/c/f 724299/724024/652051 724318/724326/724007)
[123,100,20,12] r=0 lpr=724326 pi=724007-724325/7 crt=724308'6620007 lcod 724308'6620007 mlcod 0'0 inactive]
search_for_missing 1:77a52b15:::100177fc398.00000000:head 724309'6620010 also missing on osd.123 (last_backfill MAX but with
wrong sort order)

Related issues:

Copied to Ceph - Backport #16282: jewel: unfound objects after setting sortbi...		**Resolved**

History

#1 - 06/01/2016 10:04 PM - Samuel Just

- Backport set to jewel

#2 - 06/01/2016 10:20 PM - Samuel Just

- Status changed from New to Testing

https://github.com/ceph/ceph/tree/wip-16113

#3 - 06/01/2016 11:21 PM - Samuel Just

This is what a max last_backfill value should be:

```
"last_backfill": {
        "oid": "",
        "key": "",
        "snapid": 0,
        "hash": 0,
        "max": 1,
        "pool": -9223372036854775808,
        "namespace": ""
    },
```

1.2e on the LRC had a value of:

```
"last_backfill": {
        "oid": "",
        "key": "",
        "snapid": 0,
        "hash": 0,
        "max": 1,
        "pool": -1,
        "namespace": ""
    },
```

I think the issue is that hammer creates max() objects with the old min pool value instead of the new one. The above branch should fix it, but I'm surprised this hasn't come up in testing. I'll look into that tomorrow.

#4 - 06/01/2016 11:27 PM - Samuel Just

https://github.com/ceph/ceph/pull/9432

#5 - 06/13/2016 10:44 AM - Nathan Cutler

- Status changed from Testing to Pending Backport

#6 - 06/14/2016 07:15 AM - Nathan Cutler

- Copied to Backport #16282: jewel: unfound objects after setting sortbitwise on a cluster after jewel upgrade added

#7 - 06/30/2016 08:55 AM - Loic Dachary

- Status changed from Pending Backport to Resolved