

## Ceph - Bug #19877

### check\_past\_interval\_bounds assert after split

05/06/2017 01:20 PM - Sage Weil

<b>Status:</b>	Resolved	<b>Start date:</b>	05/06/2017
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Sage Weil	<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>	3 - minor
<b>Tags:</b>		<b>Reviewed:</b>	
<b>Backport:</b>		<b>Affected Versions:</b>	
<b>Regression:</b>	No	<b>ceph-qa-suite:</b>	

#### Description

- pg A is created in epoch X
- pg A does not go active
- pg A splits into pg B in epoch Y

but then,

- pg B has past intervals from [X,Y)
- pg B epoch\_created is Y \*\*\*
- pg B required past intervals is [Y,Y)
- fails check\_past\_interval\_bounds check

The problem is that we really want the **pool** creation epoch, not the most recent split epoch, and we don't have that.

#### History

##### #1 - 05/15/2017 06:12 PM - Sage Weil

- Status changed from New to Need Review

##### #2 - 05/16/2017 08:14 PM - Yuri Weinstein

<https://github.com/ceph/ceph/pull/14989> merged

##### #3 - 05/16/2017 09:35 PM - Sage Weil

- Status changed from Need Review to Resolved