

## Ceph - Bug #20167

### osd/PG.cc: 806: FAILED assert(past\_intervals.empty())

06/02/2017 01:28 PM - Sage Weil

<b>Status:</b>	Resolved	<b>Start date:</b>	06/02/2017
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<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>		<b>ceph-qa-suite:</b>	
<b>Regression:</b>	No	<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor		

#### Description

```
-2> 2017-06-02 13:35:41.966528 7fed8da4c700 -1 log_channel(cluster) log [ERR] : 4.37e62 required past_interval bounds are empty [38671,36979) but past_intervals is not: ([36971,36978] interval s=([36971,36978] acting 3959,4347,4791))
```

```
-1> 2017-06-02 13:35:41.966544 7fed8da4c700 -1 osd.3959 pg_epoch: 41208 pg[4.37e62 ( v 36978'14 95 (0'0,36978'1495) local-lis/les=36971/36978 n=747 ec=36971/36688 lis/c 36971/36971 les/c/f 36978 /36978/0 36979/36979/36979) [2358,2154,690] r=-1 lpr=41207 pi=[36971,36979)/1 crt=36978'1495 lcod 0'0 unknown NOTIFY] 4.37e62 required past_interval bounds are empty [38671,36979) but past_intervals is not: ([36971,36978] intervals=([36971,36978] acting 3959,4347,4791))
```

```
0> 2017-06-02 13:35:41.970220 7fed8da4c700 -1 /mnt/jenkins/workspace/ceph-dev-new-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos7/DIST/centos7/MACHINE_SIZE/huge/release/12.0.2-1883-gb3f5819/rpm/e17/BUILD/ceph-12.0.2-1883-gb3f5819/src/osd/PG.cc: In function 'void PG::check_past_interval_bounds() const' thread 7fed8da4c700 time 2017-06-02 13:35:41.966557 /mnt/jenkins/workspace/ceph-dev-new-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos7/DIST/centos7/MACHINE_SIZE/huge/release/12.0.2-1883-gb3f5819/rpm/e17/BUILD/ceph-12.0.2-1883-gb3f5819/src/osd/PG.cc: 806: FAILED assert(past_intervals.empty())
```

```
ceph version 12.0.2-1883-gb3f5819 (b3f5819735f1d09f5595c8db176774b3eadf8ca8)
1: (ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x110) [0x7feda78d8b00]
2: (PG::check_past_interval_bounds() const+0x8f0) [0x7feda7420650]
3: (PG::RecoveryState::Reset::react(PG::AdvMap const&)+0x217) [0x7feda74620c7]
4: (boost::statechart::simple_state<PG::RecoveryState::Reset, PG::RecoveryState::RecoveryMachine, boost::mpl::list<mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na, mpl::na>, (boost::statechart::history_mode)0>::react_impl(boost::statechart::event_base const&, void const*)+0x21c) [0x7feda74a678c]
5: (boost::statechart::state_machine<PG::RecoveryState::RecoveryMachine, PG::RecoveryState::Initial, std::allocator<void>, boost::statechart::null_exception_translator>::send_event(boost::statechart::event_base const&)+0x6b) [0x7feda748305b]
6: (PG::handle_advance_map(std::shared_ptr<OSDMap const>, std::shared_ptr<OSDMap const>, std::vector<int, std::allocator<int>> &, int, std::vector<int, std::allocator<int>> &, int, PG::RecoveryCtx*)+0x48b) [0x7feda744ee8b]
7: (OSD::advance_pg(unsigned int, PG*, ThreadPool::TPHandle&, PG::RecoveryCtx*, std::set<boost::intrusive_ptr<PG>, std::less<boost::intrusive_ptr<PG>>, std::allocator<boost::intrusive_ptr<PG>>>*)+0x2c7) [0x7feda739f8f7]
8: (OSD::process_peering_events(std::list<PG*, std::allocator<PG*>> const&, ThreadPool::TPHandle&)+0x173) [0x7feda73a0373]
9: (OSD::PeeringWQ::_process(std::list<PG*, std::allocator<PG*>> const&, ThreadPool::TPHandle&)+0x17) [0x7feda73fda27]
10: (ThreadPool::worker(ThreadPool::WorkThread*)+0xb59) [0x7feda78df939]
11: (ThreadPool::WorkThread::entry()+0x10) [0x7feda78e0910]
12: (()+0x7dc5) [0x7feda4512dc5]
13: (clone()+0x6d) [0x7feda340176d]
```

(bigbang)

**Related issues:**

Related to Ceph - Bug #20687: osd: crashing on ec read partial failure

**Resolved**

**07/19/2017**

**History**

**#1 - 06/02/2017 01:28 PM - Sage Weil**

- *Description updated*

**#2 - 06/12/2017 07:41 PM - Sage Weil**

- *Status changed from New to Need More Info*

- *Priority changed from Immediate to High*

**#3 - 06/15/2017 01:59 PM - Sage Weil**

- *Status changed from Need More Info to Resolved*

**#4 - 08/14/2017 07:23 PM - David Zafman**

- *Related to Bug #20687: osd: crashing on ec read partial failure added*