

## Ceph - Bug #19542

### bluestore: segv in BlueStore::\_osr\_drain\_preceding

04/06/2017 10:07 PM - Sage Weil

<b>Status:</b>	Resolved	<b>Start date:</b>	04/06/2017
<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

```
2017-04-06T19:13:15.655 INFO:tasks.ceph.osd.1.smithi117.stderr:*** Caught signal (Aborted) **
2017-04-06T19:13:15.655 INFO:tasks.ceph.osd.1.smithi117.stderr: in thread 7f1f6c4c8700 thread_name
:tp_osd
2017-04-06T19:13:15.667 INFO:tasks.ceph.osd.1.smithi117.stderr: ceph version 12.0.0-2330-g880858b
(880858be35b5b586cabla9ca5605828c0c6de840)
2017-04-06T19:13:15.667 INFO:tasks.ceph.osd.1.smithi117.stderr: 1: (()+0xc7c072) [0x5578303b8072]
2017-04-06T19:13:15.667 INFO:tasks.ceph.osd.1.smithi117.stderr: 2: (()+0x113e0) [0x7f1f8217e3e0]
2017-04-06T19:13:15.667 INFO:tasks.ceph.osd.1.smithi117.stderr: 3: (pthread_cond_wait()+0xc0) [0x7
f1f8217a3b0]
2017-04-06T19:13:15.667 INFO:tasks.ceph.osd.1.smithi117.stderr: 4: (std::condition_variable::wait(
std::unique_lock<std::mutex>&)+0xc) [0x7f1f81a8091c]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 5: (BlueStore::_osr_drain_precedin
g(BlueStore::TransContext*)+0x23b) [0x55783028e5ab]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 6: (BlueStore::_split_collection(B
lueStore::TransContext*, boost::intrusive_ptr<BlueStore::Collection>&, boost::intrusive_ptr<BlueSt
ore::Collection>&, unsigned int, int)+0xb0) [0x55783028e8a0]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 7: (BlueStore::_txc_add_transactio
n(BlueStore::TransContext*, ObjectStore::Transaction*)+0x806) [0x5578302b74d6]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 8: (BlueStore::queue_transactions(
ObjectStore::Sequencer*, std::vector<ObjectStore::Transaction, std::allocator<ObjectStore::Transac
tion> >&, boost::intrusive_ptr<TrackedOp>, ThreadPool::TPHandle*)+0x546) [0x5578302b9ce6]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 9: (ObjectStore::queue_transaction
(ObjectStore::Sequencer*, ObjectStore::Transaction&&, Context*, Context*, Context*, boost::intrusi
ve_ptr<TrackedOp>, ThreadPool::TPHandle*)+0x17c) [0x55782fea7d4c]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 10: (OSD::dispatch_context_transac
tion(PG::RecoveryCtx&, PG*, ThreadPool::TPHandle*)+0x6c) [0x55782fe3611c]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 11: (OSD::process_peering_events(s
td::__cxx11::list<PG*, std::allocator<PG*> > const&, ThreadPool::TPHandle&)+0x451) [0x55782fe82cb1
]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 12: (ThreadPool::BatchWorkQueue<PG
>::_void_process(void*, ThreadPool::TPHandle&)+0x27) [0x55782fec7a97]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 13: (ThreadPool::worker(ThreadPool
::WorkThread*)+0xf2d) [0x55783042071d]
2017-04-06T19:13:15.668 INFO:tasks.ceph.osd.1.smithi117.stderr: 14: (ThreadPool::WorkThread::entry
()+0x10) [0x557830421880]
2017-04-06T19:13:15.669 INFO:tasks.ceph.osd.1.smithi117.stderr: 15: (()+0x770a) [0x7f1f8217470a]
2017-04-06T19:13:15.669 INFO:tasks.ceph.osd.1.smithi117.stderr: 16: (clone()+0x6d) [0x7f1f811eb82d
]
2017-04-06T19:13:15.669 INFO:tasks.ceph.osd.1.smithi117.stderr:2017-04-06 19:13:15.680241 7f1f6c4c
8700 -1 *** Caught signal (Aborted) **
2017-04-06T19:13:15.669 INFO:tasks.ceph.osd.1.smithi117.stderr: in thread 7f1f6c4c8700 thread_name
:tp_osd
```

## History

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### #1 - 04/06/2017 10:19 PM - Sage Weil

/a/sage-2017-04-06\_19:43:41-rados-wip-sage-testing---basic-smithi/994089

### #2 - 04/07/2017 01:41 PM - Sage Weil

pretty sure the deferred batchn = 32 setting in <https://github.com/ceph/ceph/pull/14306> is making this trigger more often.

### #3 - 04/07/2017 06:49 PM - Sage Weil

- *Status changed from New to Resolved*