

## Ceph - Bug #21964

### ceph\_test\_cls\_log failures related to cls\_cxx\_subop\_version()

10/28/2017 09:00 PM - Casey Bodley

<b>Status:</b>	Resolved	<b>Start date:</b>	10/28/2017
<b>Priority:</b>	Normal	<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>	luminous	<b>ceph-qa-suite:</b>	
<b>Regression:</b>		<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor		

**Description**

```
[ RUN      ] cls_rgw.test_log_add_same_time
/home/cbodley/ceph/src/test/cls_log/test_cls_log.cc:144: Failure
Expected: 10
To be equal to: (int)entries.size()
Which is: 1
[  FAILED  ] cls_rgw.test_log_add_same_time (1180 ms)
```

cls\_log\_add() relies on cls\_cxx\_subop\_version() to generate unique keys for log entries with the same timestamp. A change was introduced by <https://github.com/ceph/ceph/pull/16617> that resets ctx->current\_osd\_subop\_num = 0; in PrimaryLogPG::do\_osd\_ops() that causes all log entries in test\_log\_add\_same\_time() to use the same key:

```
2017-10-28 16:52:35.932 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.933 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.933 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.933 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.933 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.934 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.934 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.934 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.934 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.934 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
2017-10-28 16:52:35.934 7f67a0deb700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509223955.932005_1.1
```

With that single line in PrimaryLogPG::do\_osd\_ops() reverted, the test passes:

```
2017-10-28 16:58:30.796 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509224310.795312_1.1
2017-10-28 16:58:30.796 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: storing entry at 1_1509224310.795312_1.1
```

```
ng entry at 1_1509224310.795312_1.5
2017-10-28 16:58:30.796 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.9
2017-10-28 16:58:30.796 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.13
2017-10-28 16:58:30.797 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.17
2017-10-28 16:58:30.797 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.21
2017-10-28 16:58:30.797 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.25
2017-10-28 16:58:30.797 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.29
2017-10-28 16:58:30.798 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.33
2017-10-28 16:58:30.798 7ff97366c700 20 <cls> /home/cbodley/ceph/src/cls/log/cls_log.cc:123: stori
ng entry at 1_1509224310.795312_1.37
```

#### Related issues:

Related to RADOS - Bug #20783: osd: leak from do_extent_cmp	<b>Resolved</b>	<b>07/26/2017</b>
Copied to Ceph - Backport #22025: luminous: ceph_test_cls_log failures relate...	<b>Resolved</b>	

#### History

##### #1 - 10/28/2017 09:17 PM - Casey Bodley

- Status changed from New to Need Review

<https://github.com/ceph/ceph/pull/18610>

##### #2 - 10/28/2017 09:17 PM - Casey Bodley

- Related to Bug #20783: osd: leak from do\_extent\_cmp added

##### #3 - 11/01/2017 03:25 PM - Casey Bodley

- Status changed from Need Review to Pending Backport

- Backport set to luminous

##### #4 - 11/03/2017 03:49 PM - Nathan Cutler

- Copied to Backport #22025: luminous: ceph\_test\_cls\_log failures related to cls\_cxx\_subop\_version() added

##### #5 - 01/24/2018 05:51 AM - Nathan Cutler

- Status changed from Pending Backport to Resolved