

## Ceph - Bug #13664

### tests: testprofile must be removed before it is re-created

10/31/2015 03:31 PM - Yuri Weinstein

<b>Status:</b> Resolved	<b>% Done:</b> 0%
<b>Priority:</b> Urgent	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b> Loïc Dachary	
<b>Category:</b>	
<b>Target version:</b>	
<b>Source:</b> Q/A	<b>Affected Versions:</b>
<b>Tags:</b>	<b>ceph-qa-suite:</b> upgrade/firefly-hammer-x
<b>Backport:</b> infernalis,hammer	<b>Pull request ID:</b>
<b>Regression:</b> No	<b>Crash signature (v1):</b>
<b>Severity:</b> 3 - minor	<b>Crash signature (v2):</b>
<b>Reviewed:</b>	
<b>Description</b>	
Run: <a href="http://pulpito.ceph.com/teuthology-2015-10-30_20:10:03-upgrade:firefly-hammer-x-infernalis-distro-basic-multi/">http://pulpito.ceph.com/teuthology-2015-10-30_20:10:03-upgrade:firefly-hammer-x-infernalis-distro-basic-multi/</a> Jobs: 1131832 Logs: <a href="http://qa-proxy.ceph.com/teuthology/teuthology-2015-10-30_20:10:03-upgrade:firefly-hammer-x-infernalis-distro-basic-multi/1131832/teuthology.log">http://qa-proxy.ceph.com/teuthology/teuthology-2015-10-30_20:10:03-upgrade:firefly-hammer-x-infernalis-distro-basic-multi/1131832/teuthology.log</a>	
<b>Related issues:</b>	
Related to Ceph - Bug #13279: upgrade suite: pool_create failed with error -4...	<b>Duplicate</b> <b>09/29/2015</b>
Copied to Ceph - Backport #13672: tests: testprofile must be removed before i...	<b>Resolved</b>
Copied to Ceph - Backport #13671: tests: testprofile must be removed before i...	<b>Resolved</b>

### Associated revisions

#### Revision 47abab9a - 11/02/2015 07:32 PM - Loic Dachary

tests: destroy testprofile before creating one

The testprofile erasure code profile is destroyed before creating a new one so that it does not fail when another testprofile erasure code profile already exists with different parameters.

This must be done when creating erasure coded pools with the C++ interface, in the same way it's done with the C interface.

<http://tracker.ceph.com/issues/13664> Fixes: #13664

Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>

#### Revision 30237506 - 11/02/2015 10:20 PM - Loic Dachary

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Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>  
(cherry picked from commit 47abab9a6f182aa0abe5047c04402850379bcd6d)

**Revision a6034294 - 11/02/2015 11:21 PM - Loic Dachary**

tests: test/librados/test.cc must create profile

Now that the create\_one\_ec\_pool function removes the testprofile each time it is called, it must create the testprofile erasure code profile again for the test to use.

<http://tracker.ceph.com/issues/13664> Refs: #13664

Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>

**Revision 5105d50d - 11/03/2015 07:41 AM - Loic Dachary**

tests: test/librados/test.cc must create profile

Now that the create\_one\_ec\_pool function removes the testprofile each time it is called, it must create the testprofile erasure code profile again for the test to use.

<http://tracker.ceph.com/issues/13664> Refs: #13664

Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>  
(cherry picked from commit a60342942b5a42ee04d59af77a6b904ce62eefc4)

**Revision 26adf7a3 - 12/07/2015 08:25 AM - Loic Dachary**

tests: destroy testprofile before creating one

The testprofile erasure code profile is destroyed before creating a new one so that it does not fail when another testprofile erasure code profile already exists with different parameters.

This must be done when creating erasure coded pools with the C++ interface, in the same way it's done with the C interface.

<http://tracker.ceph.com/issues/13664> Fixes: #13664

Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>  
(cherry picked from commit 47abab9a6f182aa0abe5047c04402850379bcd6d)

## Revision 0eb2ddb0 - 12/07/2015 08:25 AM - Loic Dachary

tests: test/librados/test.cc must create profile

Now that the create\_one\_ec\_pool function removes the testprofile each time it is called, it must create the testprofile erasure code profile again for the test to use.

<http://tracker.ceph.com/issues/13664> Refs: #13664

Signed-off-by: Loic Dachary <[ldachary@redhat.com](mailto:ldachary@redhat.com)>  
(cherry picked from commit a60342942b5a42ee04d59af77a6b904ce62eefc4)

## History

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### #1 - 10/31/2015 03:32 PM - Yuri Weinstein

- Related to Bug #13279: upgrade suite: pool\_create failed with error -4 EINTR added

### #2 - 11/02/2015 06:19 PM - Sage Weil

- Status changed from New to 12

```
2015-10-31 00:11:48.733348 7fd5f9027700 2 mon.a@0(leader) e1 send_reply 0x7fd604837960 0x7fd6046a5200 mon_command_ack({"prefix":
"osd erasure-code-profile set", "name": "testprofile", "profile": [ "k=2", "m=1", "ruleset-failure-domain=osd"]})=-1 will not override erasure code profile
testprofile because the existing profile
{directory=/usr/lib/ceph/erasure-code,jerasure-per-chunk-alignment=false,k=2,m=1,plugin=jerasure,ruleset-failure-domain=osd,ruleset-root=default,te
chnique=reed_sol_van,w=8} is different from the proposed profile
{jerasure-per-chunk-alignment=false,k=2,m=1,plugin=jerasure,ruleset-failure-domain=osd,ruleset-root=default,technique=reed_sol_van,w=8} v1793)
v1
```

this is a test problem.. it needs to use a different profile than 'testprofile' because the parameters/values have changed.

### #3 - 11/02/2015 06:35 PM - Loic Dachary

- Status changed from 12 to In Progress

- Assignee set to Loic Dachary

### #4 - 11/02/2015 07:28 PM - Loic Dachary

- Status changed from In Progress to Fix Under Review

<https://github.com/ceph/ceph/pull/6446> (applies cleanly to firefly)

### #5 - 11/02/2015 08:30 PM - Loic Dachary

- Backport set to infernalis,hammer,firefly

### #6 - 11/02/2015 08:31 PM - Loic Dachary

- Subject changed from "[ FAILED ] LibRadosAioEC.MultiWrite\*" failed in upgrade:firefly-hammer-x-infernalis-distro-basic-multi to tests: testprofile must be removed before it is re-created

**#7 - 11/02/2015 08:35 PM - Loïc Dachary**

- Copied to Backport #13673: tests: testprofile must be removed before it is re-created added

**#8 - 11/02/2015 08:35 PM - Loïc Dachary**

- Copied to Backport #13672: tests: testprofile must be removed before it is re-created added

**#9 - 11/02/2015 08:35 PM - Loïc Dachary**

- Copied to Backport #13671: tests: testprofile must be removed before it is re-created added

**#10 - 11/02/2015 11:46 PM - Loïc Dachary**

<https://github.com/ceph/ceph/pull/6452> is missing

```
[-----] 34 tests from LibRadosAioEC
[ RUN      ] LibRadosAioEC.SimpleWrite
test/librados/aio.cc:1881: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-40) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[  FAILED  ] LibRadosAioEC.SimpleWrite (4 ms)
[ RUN      ] LibRadosAioEC.SimpleWritePP
[   OK     ] LibRadosAioEC.SimpleWritePP (11477 ms)
[ RUN      ] LibRadosAioEC.WaitForSafe
test/librados/aio.cc:1955: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-43) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[  FAILED  ] LibRadosAioEC.WaitForSafe (6 ms)
[ RUN      ] LibRadosAioEC.WaitForSafePP
[   OK     ] LibRadosAioEC.WaitForSafePP (7823 ms)
[ RUN      ] LibRadosAioEC.RoundTrip
test/librados/aio.cc:1990: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-45) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[  FAILED  ] LibRadosAioEC.RoundTrip (5 ms)
[ RUN      ] LibRadosAioEC.RoundTrip2
test/librados/aio.cc:2023: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-46) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[  FAILED  ] LibRadosAioEC.RoundTrip2 (3 ms)
[ RUN      ] LibRadosAioEC.RoundTripPP
[   OK     ] LibRadosAioEC.RoundTripPP (10567 ms)
[ RUN      ] LibRadosAioEC.RoundTripPP2
[   OK     ] LibRadosAioEC.RoundTripPP2 (11487 ms)
[ RUN      ] LibRadosAioEC.RoundTripPP3
[   OK     ] LibRadosAioEC.RoundTripPP3 (6761 ms)
[ RUN      ] LibRadosAioEC.RoundTripSparseReadPP
[   OK     ] LibRadosAioEC.RoundTripSparseReadPP (15589 ms)
[ RUN      ] LibRadosAioEC.RoundTripAppend
test/librados/aio.cc:2208: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-51) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[  FAILED  ] LibRadosAioEC.RoundTripAppend (7 ms)
[ RUN      ] LibRadosAioEC.RoundTripAppendPP
[   OK     ] LibRadosAioEC.RoundTripAppendPP (11793 ms)
[ RUN      ] LibRadosAioEC.IsComplete
test/librados/aio.cc:2347: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-53) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[  FAILED  ] LibRadosAioEC.IsComplete (4 ms)
```

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[ RUN      ] LibRadosAioEC.IsCompletePP
[ OK      ] LibRadosAioEC.IsCompletePP (10235 ms)
[ RUN      ] LibRadosAioEC.IsSafe
test/librados/aio.cc:2430: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-55) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.IsSafe (9 ms)
[ RUN      ] LibRadosAioEC.IsSafePP
[ OK      ] LibRadosAioEC.IsSafePP (11478 ms)
[ RUN      ] LibRadosAioEC.ReturnValue
test/librados/aio.cc:2511: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-57) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.ReturnValue (4 ms)
[ RUN      ] LibRadosAioEC.ReturnValuePP
[ OK      ] LibRadosAioEC.ReturnValuePP (9771 ms)
[ RUN      ] LibRadosAioEC.Flush
test/librados/aio.cc:2547: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-59) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.Flush (3 ms)
[ RUN      ] LibRadosAioEC.FlushPP
[ OK      ] LibRadosAioEC.FlushPP (11877 ms)
[ RUN      ] LibRadosAioEC.FlushAsync
test/librados/aio.cc:2608: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-61) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.FlushAsync (3 ms)
[ RUN      ] LibRadosAioEC.FlushAsyncPP
[ OK      ] LibRadosAioEC.FlushAsyncPP (12052 ms)
[ RUN      ] LibRadosAioEC.RoundTripWriteFull
test/librados/aio.cc:2693: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-63) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.RoundTripWriteFull (4 ms)
[ RUN      ] LibRadosAioEC.RoundTripWriteFullPP
[ OK      ] LibRadosAioEC.RoundTripWriteFullPP (11628 ms)
[ RUN      ] LibRadosAioEC.RoundTripWriteFullPP2
[ OK      ] LibRadosAioEC.RoundTripWriteFullPP2 (8118 ms)
[ RUN      ] LibRadosAioEC.SimpleStat
test/librados/aio.cc:2827: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-66) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.SimpleStat (4 ms)
[ RUN      ] LibRadosAioEC.SimpleStatPP
[ OK      ] LibRadosAioEC.SimpleStatPP (12610 ms)
[ RUN      ] LibRadosAioEC.SimpleStatNS
test/librados/aio.cc:2896: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-68) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.SimpleStatNS (3 ms)
[ RUN      ] LibRadosAioEC.SimpleStatPPNS
[ OK      ] LibRadosAioEC.SimpleStatPPNS (11236 ms)
[ RUN      ] LibRadosAioEC.StatRemove
test/librados/aio.cc:2994: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-70) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED  ] LibRadosAioEC.StatRemove (6 ms)
[ RUN      ] LibRadosAioEC.StatRemovePP

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[ OK ] LibRadosAioEC.StatRemovePP (11123 ms)
[ RUN ] LibRadosAioEC.OmapPP
[ OK ] LibRadosAioEC.OmapPP (8787 ms)
[ RUN ] LibRadosAioEC.MultiWrite
test/librados/aio.cc:3143: Failure
Value of: test_data.init()
  Actual: "create_one_ec_pool(test-rados-api-fold-21348-73) failed: error rados_mon_command erasure-code-profile set name:testprofile failed with error -22"
Expected: ""
[ FAILED ] LibRadosAioEC.MultiWrite (1553 ms)
[ RUN ] LibRadosAioEC.MultiWritePP
[ OK ] LibRadosAioEC.MultiWritePP (10960 ms)
[-----] 34 tests from LibRadosAioEC (206990 ms total)

[-----] Global test environment tear-down
[=====] 71 tests from 2 test cases ran. (474963 ms total)
[ PASSED ] 56 tests.
[ FAILED ] 15 tests, listed below:
[ FAILED ] LibRadosAioEC.SimpleWrite
[ FAILED ] LibRadosAioEC.WaitForSafe
[ FAILED ] LibRadosAioEC.RoundTrip
[ FAILED ] LibRadosAioEC.RoundTrip2
[ FAILED ] LibRadosAioEC.RoundTripAppend
[ FAILED ] LibRadosAioEC.IsComplete
[ FAILED ] LibRadosAioEC.IsSafe
[ FAILED ] LibRadosAioEC.ReturnValue
[ FAILED ] LibRadosAioEC.Flush
[ FAILED ] LibRadosAioEC.FlushAsync
[ FAILED ] LibRadosAioEC.RoundTripWriteFull
[ FAILED ] LibRadosAioEC.SimpleStat
[ FAILED ] LibRadosAioEC.SimpleStatNS
[ FAILED ] LibRadosAioEC.StatRemove
[ FAILED ] LibRadosAioEC.MultiWrite

```

15 FAILED TESTS

#11 - 11/03/2015 03:10 PM - Samuel Just

- Status changed from Fix Under Review to Pending Backport

**#12 - 01/28/2016 12:20 PM - Loïc Dachary**

- Backport changed from *infernalis,hammer,firefly* to *infernalis,hammer*

**#13 - 01/29/2016 03:53 AM - Loïc Dachary**

- Copied to deleted (Backport #13673: tests: testprofile must be removed before it is re-created)

**#14 - 02/08/2016 05:07 AM - Loïc Dachary**

- Status changed from *Pending Backport* to *Resolved*