

rbd - Bug #3664

osdc/ObjectCacher.cc: 517: FAILED assert(!i->size())

12/21/2012 08:32 AM - Sage Weil

Status:	Resolved	% Done:	100%
Priority:	Urgent	Spent time:	0.00 hour
Assignee:	Josh Durgin		
Category:			
Target version:	v0.61 - Cuttlefish		
Source:	Q/A	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:		Crash signature:	
Description			
<pre>2012-12-20T13:25:38.347 INFO:teuthology.orchestra.run.err:osdc/ObjectCacher.cc: In function 'ObjectCacher::~ObjectCacher()' thread 7f1a67748780 time 2012-12-20 13:25:01.308939 2012-12-20T13:25:38.347 INFO:teuthology.orchestra.run.err:osdc/ObjectCacher.cc: 517: FAILED assert(!i->size()) 2012-12-20T13:25:38.347 INFO:teuthology.orchestra.run.err: ceph version 0.55-320-g5497d22 (5497d228116a717da43ce29984ec20d1289780ae) 2012-12-20T13:25:38.348 INFO:teuthology.orchestra.run.err: 1: (ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x95) [0x7f1a6649c50d] 2012-12-20T13:25:38.348 INFO:teuthology.orchestra.run.err: 2: (ObjectCacher::~ObjectCacher()+0x67) [0x7f1a672d48b3] 2012-12-20T13:25:38.349 INFO:teuthology.orchestra.run.err: 3: (librbd::ImageCtx::~ImageCtx()+0x41) [0x7f1a672a667f] 2012-12-20T13:25:38.349 INFO:teuthology.orchestra.run.err: 4: (librbd::close_image(librbd::ImageCtx*)+0x1a8) [0x7f1a672c16d2] 2012-12-20T13:25:38.349 INFO:teuthology.orchestra.run.err: 5: (librbd::close_image(librbd::ImageCtx*)+0x160) [0x7f1a672c168a] 2012-12-20T13:25:38.349 INFO:teuthology.orchestra.run.err: 6: (librbd::refresh_parent(librbd::ImageCtx*)+0x1f0) [0x7f1a672bdd98] 2012-12-20T13:25:38.349 INFO:teuthology.orchestra.run.err: 7: (librbd::ictx_refresh(librbd::ImageCtx*)+0x132b) [0x7f1a672bf2aa] 2012-12-20T13:25:38.349 INFO:teuthology.orchestra.run.err: 8: (librbd::ictx_check(librbd::ImageCtx*)+0x189) [0x7f1a672bda0c] 2012-12-20T13:25:38.350 INFO:teuthology.orchestra.run.err: 9: (librbd::info(librbd::ImageCtx*, rbd_image_info_t&, unsigned long)+0x121) [0x7f1a672b9492] 2012-12-20T13:25:38.350 INFO:teuthology.orchestra.run.err: 10: (rbd_stat()+0x33) [0x7f1a67291d67] 2012-12-20T13:25:38.350 INFO:teuthology.orchestra.run.err: 11: (check_size()+0x32) [0x404132] 2012-12-20T13:25:38.350 INFO:teuthology.orchestra.run.err: 12: (test()+0x3c5) [0x405945] 2012-12-20T13:25:38.350 INFO:teuthology.orchestra.run.err: 13: (main()+0x7fc) [0x4031bc] 2012-12-20T13:25:38.350 INFO:teuthology.orchestra.run.err: 14: (__libc_start_main()+0xed) [0x7f1a6563c76d] 2012-12-20T13:25:38.350 INFO:teuthology.orchestra.run.err: 15: /tmp/ceph-test-binary/usr/local/bin/test-librbd-fsx() [0x403535] 2012-12-20T13:25:38.351 INFO:teuthology.orchestra.run.err: NOTE: a copy of the executable, or `objdump -rdS <executable>` is needed to interpret this. 2012-12-20T13:25:38.351 INFO:teuthology.orchestra.run.err:terminate called after throwing an instance of 'ceph::FailedAssertion'</pre>			
from job			
<pre>ubuntu@teuthology:/var/lib/teuthworker/archive/sam-ooo3/19022\$ cat orig.config.yaml nuke-on-error: true</pre>			

```

overrides:
  ceph:
    conf:
      client:
        rbd cache: true
      global:
        ms inject socket failures: 5000
    mon:
      debug mon: 20
      debug ms: 20
    osd:
      debug ms: 20
      debug osd: 20
  fs: ext4
  log-whitelist:
    - slow request
  valgrind:
    osd:
      - --tool=memcheck

```

```

roles:
- - mon.a
- - osd.0
- - osd.1
- - osd.2
- - mds.a
- - osd.3
- - osd.4
- - osd.5
- - client.0

```

```

tasks:
- chef: null
- clock: null
- ceph:
  log-whitelist:
    - wrongly marked me down
    - objects unfound and apparently lost
- thrashosds:
  timeout: 1200
- rbd_fsx:
  clients:
    - client.0
  ops: 2000

```

Subtasks:

Bug # 4417: rbd_fsx run failed in the nightlies: FAILED assert(i->empty())

Duplicate

Related issues:

Duplicated by rbd - Bug #4255: osdc/ObjectCacher.cc: 517: FAILED assert(i->em...

Duplicate

02/23/2013

Duplicated by rbd - Bug #3600: rbd: assert in objectcacher destructor after f...

Duplicate

12/10/2012

History

#1 - 01/10/2013 12:47 PM - Ian Colle

- Assignee set to Josh Durgin

#2 - 01/10/2013 12:55 PM - Ian Colle

- Project changed from Ceph to rbd

- Category deleted (librbd)

#3 - 02/11/2013 11:51 AM - Tamarasi muthamizhan

recent log: ubuntu@teuthology:/a/teuthology-2013-02-09_20:00:03-regression-bobtail-master-basic/3977

2013-02-10T00:35:17.538 INFO:teuthology.orchestra.run.err:osdc/ObjectCacher.cc: In function 'ObjectCacher::~Ob

```
jectCacher()' thread 7f3fad397780 time 2013-02-10 00:35:12.654134
2013-02-10T00:35:17.538 INFO:teuthology.orchestra.run.err:osdc/ObjectCacher.cc: 517: FAILED assert(!i->size())
2013-02-10T00:35:17.538 INFO:teuthology.orchestra.run.err: ceph version 0.56.2-29-gf11beb9 (f11beb954976f66bfae75e847937f84958beaf3)
2013-02-10T00:35:17.538 INFO:teuthology.orchestra.run.err: 1: (ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x95) [0x7f3fac0eaf8d]
2013-02-10T00:35:17.539 INFO:teuthology.orchestra.run.err: 2: (ObjectCacher::~ObjectCacher()+0x67) [0x7f3facf23b4f]
2013-02-10T00:35:17.539 INFO:teuthology.orchestra.run.err: 3: (librbd::ImageCtx::~ImageCtx()+0x41) [0x7f3facef5a19]
2013-02-10T00:35:17.539 INFO:teuthology.orchestra.run.err: 4: (librbd::close_image(librbd::ImageCtx*)+0x1a8) [0x7f3facf10986]
2013-02-10T00:35:17.539 INFO:teuthology.orchestra.run.err: 5: (librbd::close_image(librbd::ImageCtx*)+0x160) [0x7f3facf1093e]
2013-02-10T00:35:17.539 INFO:teuthology.orchestra.run.err: 6: (rbd_close()+0x20) [0x7f3facee0fbf]
2013-02-10T00:35:17.539 INFO:teuthology.orchestra.run.err: 7: (main()+0x825) [0x4031e5]
2013-02-10T00:35:17.540 INFO:teuthology.orchestra.run.err: 8: (__libc_start_main()+0xed) [0x7f3fab29576d]
2013-02-10T00:35:17.540 INFO:teuthology.orchestra.run.err: 9: /tmp/cephptest/binary/usr/local/bin/test_librbd_fsx() [0x403535]
2013-02-10T00:35:17.540 INFO:teuthology.orchestra.run.err: NOTE: a copy of the executable, or `objdump -rdS <executable>` is needed to interpret this.
```

```
ubuntu@teuthology:/a/teuthology-2013-02-09_20:00:03-regression-bobtail-master-basic/3977$ cat summary.yaml
ceph-shal: f11beb954976f66bfae75e847937f84958beaf3
client.0-kernel-shal: 0fa6ebc600bc8e830551aee47a0e929e818a1868
description: collection:rbd-thrash clusters:6-osd-3-machine.yaml fs:xfs.yaml msgr-failures:few.yaml
  thrashers:default.yaml workloads:rbd_fsx_cache_writethrough.yaml
duration: 696.5752260684967
failure_reason: 'Command crashed: ''CEPH_CONF=/tmp/cephptest/ceph.conf LD_LIBRARY_PATH=/tmp/cephptest/binary/usr/local/lib
  /tmp/cephptest/enable-coredump /tmp/cephptest/binary/usr/local/bin/ceph-coverage /tmp/cephptest/archive/coverage
  /tmp/cephptest/binary/usr/local/bin/test_librbd_fsx -d -W -R -p 100 -P /tmp/cephptest/archive
  -t 1 -l 1073741824 -S 0 -N 2000 pool_client.0 image_client.0'''
```

```
flavor: basic
mds.a-kernel-shal: 0fa6ebc600bc8e830551aee47a0e929e818a1868
mon.a-kernel-shal: 0fa6ebc600bc8e830551aee47a0e929e818a1868
owner: scheduled_teuthology@teuthology
success: false
```

```
ubuntu@teuthology:/a/teuthology-2013-02-09_20:00:03-regression-bobtail-master-basic/3977$ cat config.yaml
```

```
kernel: &id001
  kdb: true
  shal: 0fa6ebc600bc8e830551aee47a0e929e818a1868
nuke-on-error: true
overrides:
  ceph:
    conf:
      client:
        rbd cache: true
        rbd cache max dirty: 0
      global:
        ms inject socket failures: 5000
    fs: xfs
    log-whitelist:
      - slow request
    shal: f11beb954976f66bfae75e847937f84958beaf3
  s3tests:
    branch: bobtail
  workunit:
    shal: f11beb954976f66bfae75e847937f84958beaf3
```

```
roles:
- - mon.a
- - osd.0
- - osd.1
- - osd.2
- - mds.a
- - osd.3
- - osd.4
- - osd.5
- - client.0
```

```
targets:
  ubuntu@plana46.front.sepia.ceph.com: ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQCrD6s9otJ5xCNH4nyv0iJu6AqqlmNTFd8D0X9RfFBnmOMrMBWU9kwsFzPIOsuJGbsYbA8LctjWUwaWoXmBEFTMitxaDXp47gbVNXknHq7TGZHKWWoKku+tLSQBpCVzO/rzBbvJ9fcG7teWq5XcIHZ0IUXsUFuEuXR1HaTUJKic2twBpaeAGNvdd6IZ9Sz9TMkfiRV/aVdcHJ/yF8bsXi3pFRPR3puMK/Nyfq5Hz/aabQo1TSyK2o0weoWV7D8vD6S8f3D7p5/5ScBhL3zUcP85SsV47W+/hTFbU8kN1Gr1v2sx0fVMB/TUB/UNVdsHKGn5Nv6zb/qMqBEx9nSeZ9
```

```

ubuntu@plana59.front.sepia.ceph.com: ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQAC2ijQopw1P92QQaUVB/Dx8HLmRokvfKoN
4+2xGBvej1Qb/P67By9WNF92tQspMpLSpvqodRaXxcKixvrlLEJJQ161Y9xje2jNDWRjJ/AjnAg79qRA7N6L6BC7rccZ8oZWxqOpNKIKRNUUyn
+XwtVgkbbcUr5NjQG2CfsLPtoNkdX98a/UyvhefomanU6oStJHFiptLXe2WjgW6DoXofu9qIpyZrO75XFOiLEpC2QTXU6eTVGRxhL2qtVVR42z
7bcrNuVFr4TTTTvqaabyvW2mPZnZ3a8ojh/pb8gIZGFYydiG8aOsS9dapltOysmdwfBPXHsAoD/49vbPEHI dyjarp
ubuntu@plana60.front.sepia.ceph.com: ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQAC5sa9107pjxDijkXWrcqS3slUWftQJZtC3
hfn5cKt+oISIVRZoy4CNxFrOWhmXwKOZaIV7fs2Pz mhZQe9jfa5iRP7G/opl/5sMImzTIUUz8Qrlqb7epmwYHkoE196uN45y8iW/IDwsD7o69+
rOGIj0SgdT0nGBYXB27OhdECdumxHcST/vM8dFfiwwMienvhKKB+ghrS2bYa33DcfYHBQWdIPXrUf2brb/XRYDwVMg8W5uPyW8dx3GIONVxSWe
qunT0l m0FuMKB7BrVpH19+/H4DFOwj6vqSvvOYUWm3Go3FsQTvparxrg7/Rliee0RBWcBIE3D0gWk6r74HV0C4pnT
tasks:
- internal.lock_machines: 3
- internal.save_config: null
- internal.check_lock: null
- internal.connect: null
- internal.check_conflict: null
- kernel: *id001
- internal.base: null
- internal.archive: null
- internal.coredump: null
- internal.syslog: null
- internal.timer: null
- chef: null
- clock: null
- ceph:
  log-whitelist:
    - wrongly marked me down
    - objects unfound and apparently lost
- thrashosds:
  timeout: 1200
- rbd_fsx:
  clients:
    - client.0
  ops: 2000

```

#4 - 02/22/2013 11:37 AM - Josh Durgin

Need to reproduce with:

```

client:
  debug rbd: 20
  debug objectcacher: 20

```

debug ms: 1

#5 - 03/01/2013 11:16 AM - Josh Durgin

Reproduced with client side logging after running in a loop for several days.

#6 - 03/22/2013 09:01 AM - Sage Weil

ubuntu@teuthology:/var/lib/teuthworker/archive/teuthology-2013-03-20_07:49:52-rbd-master-testing-basic/36

#7 - 04/01/2013 11:41 AM - Ian Colle

- *Target version set to v0.61 - Cuttlefish*

#8 - 04/19/2013 08:53 AM - Ian Colle

Josh - any update? Are we still going to get this in Cuttlefish?

#9 - 04/22/2013 05:16 PM - Josh Durgin

- *Status changed from 12 to In Progress*

Looking at this again, hopefully will get it fixed tomorrow.

#10 - 04/22/2013 05:52 PM - Josh Durgin

Unfortunately the logs aren't there anymore (they weren't saved when a power failure restarted the machine running teuthology). Trying to reproduce again, although I've still got the core file at least.

#11 - 04/22/2013 05:53 PM - Josh Durgin

Nevermind, the logs were saved after all. Hooray!

#12 - 04/24/2013 08:13 AM - Sage Weil

ubuntu@teuthology:/a/teuthology-2013-04-23_19:55:59-rbd-next-testing-basic\$ less 148/teuthology.log

#13 - 04/24/2013 08:13 AM - Sage Weil

ubuntu@teuthology:/a/teuthology-2013-04-23_19:55:59-rbd-next-testing-basic\$ less 155/teuthology.log

#14 - 04/24/2013 04:02 PM - Josh Durgin

- *Status changed from In Progress to Fix Under Review*

#15 - 04/24/2013 04:22 PM - Josh Durgin

- *Status changed from Fix Under Review to Resolved*

commit:82d5cd601e0fb7cb24dda4ea1f0e9f12e5d18708