

Ceph - Bug #10150

osd/ReplicatedPG.cc: 10853: FAILED assert(r >= 0) (in _scan_range)

11/20/2014 08:34 AM - Sage Weil

Status: Resolved	% Done: 0%
Priority: Urgent	Spent time: 0.00 hour
Assignee: Samuel Just	
Category: OSD	
Target version:	
Source: Q/A	Affected Versions:
Tags:	ceph-qa-suite:
Backport: giant,firefly	Pull request ID:
Regression: No	Crash signature (v1):
Severity: 3 - minor	Crash signature (v2):
Reviewed:	
Description	
<pre>0> 2014-11-19 23:57:56.840585 7f1665bce700 -1 osd/ReplicatedPG.cc: In function 'void ReplicatedPG::scan_range(int, int, PG::BackfillInterval*, ThreadPool::TPHandle&)' thread 7f1665bce700 time 2014-11-19 23:57:56.813118 osd/ReplicatedPG.cc: 10853: FAILED assert(r >= 0) ceph version 0.87-27-gccfd241 (ccfd2414c68afda55bf4cefa2441ea6d53d87cc6) 1: (ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x8b) [0xb8249b] 2: (ReplicatedPG::scan_range(int, int, PG::BackfillInterval*, ThreadPool::TPHandle&)+0xd5f) [0x82d92f] 3: (ReplicatedPG::do_scan(std::tr1::shared_ptr<OpRequest>, ThreadPool::TPHandle&)+0x93d) [0x837e5d] 4: (ReplicatedPG::do_request(std::tr1::shared_ptr<OpRequest>&, ThreadPool::TPHandle&)+0x546) [0x81f796] 5: (OSD::dequeue_op(boost::intrusive_ptr<PG>, std::tr1::shared_ptr<OpRequest>, ThreadPool::TPHandle&)+0x3d5) [0x686b95] 6: (OSD::ShardedOpWQ::_process(unsigned int, ceph::heartbeat_handle_d*)+0x37b) [0x68712b] 7: (ShardedThreadPool::shardedthreadpool_worker(unsigned int)+0x821) [0xb725a1] 8: (ShardedThreadPool::WorkThreadSharded::entry()+0x10) [0xb746b0] 9: (()+0x8182) [0x7f1682cd2182] 10: (clone()+0x6d) [0x7f168123e30d]</pre>	
ubuntu@teuthology:/var/lib/teuthworker/archive/teuthology-2014-11-17_02:32:01-rados-giant-distro-basic-multi/604706	
Related issues:	
Related to Ceph - Bug #10117: OSD crashes if xattr "_" is absent for the file... Won't Fix 11/16/2014	

History

#1 - 11/20/2014 02:46 PM - Samuel Just

Hah, that assert isn't valid. The object in question might be in the process of being removed if it is at the start of the interval (last_backfill is usually included in the scan request).

#2 - 11/20/2014 02:46 PM - Samuel Just

- Assignee set to Samuel Just

#3 - 11/20/2014 02:51 PM - Samuel Just

- Status changed from New to 7

#4 - 12/12/2014 02:37 PM - Samuel Just

- Status changed from 7 to Pending Backport

- Backport set to giant, firefly

#5 - 03/11/2015 11:24 AM - Loïc Dachary

- firefly backport <https://github.com/ceph/ceph/pull/3962>

#6 - 03/18/2015 10:39 PM - Loïc Dachary

- giant backport <https://github.com/ceph/ceph/pull/4077>

#7 - 03/26/2015 01:38 PM - Loïc Dachary

[4d4eb9f](#) ReplicatedPG::scan_range: an object can disappear between the list and the attr get (in giant), [b0d0d44](#) ReplicatedPG::scan_range: an object can disappear between the list and the attr get (in firefly),

#8 - 03/26/2015 01:38 PM - Loïc Dachary

- Status changed from Pending Backport to Resolved