

Ceph - Bug #8254

Not logging missing_on_shards properly

04/29/2014 06:39 PM - David Zafman

Status:	Resolved	Start date:	04/29/2014
Priority:	Urgent	Due date:	
Assignee:	Loic Dachary	% Done:	100%
Category:	OSD	Estimated time:	0.00 hour
Target version:	0.82	Spent time:	0.00 hour
Source:	other	Reviewed:	
Tags:		Affected Versions:	
Backport:	firefly	ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	
Description			
<pre>2014-04-18 17:01:34.565301 7f69feae6700 10 osd.1 pg_epoch: 77 pg[3.2s0(v 77'466 lc 40'64 (0'0,77'466] local-les=73 n=465 ec=8 les/c 73/26 72/72/72) [1,5,0] r=0 lpr=72 pi=25-71/1 luod=77'465 rops=15 crt=71'434 mlcod 38'58 active+recovering m=357] continue_recovery_op: READING return RecoveryOp (hoid=d362481a/plana1323219-759/head//3 v=40'71 missing_on=1(0) missing_on_shards=@ recovery_info=ObjectRecoveryInfo(d362481a/plana1323219-759/head//3@40'71, copy_subset: [], clone_subset: {}) recovery_progress=ObjectRecoveryProgress(!first, data_recovered_to:2920448, data_complete:true, omap_recovered_to:, omap_complete:true) pending_read=0 obc refcount=1 state=WRITING waiting_on_pushes=1(0) extent_requested=2105344,1052672</pre>			
<p>Notice the missing_on_shards=@ in the log message.</p> <p>The ECBackend::RecoveryOp has "set<shard_id_t> missing_on_shards" that is output using operator<<() with the following:</p> <pre><< " missing_on_shards=" << rhs.missing_on_shards</pre>			
<p>Since shard_id_t is a uint8_t which is really an unsigned char a value of 0 is getting logged as @ instead of "0".</p>			
Related issues:			
Copied to Ceph - Backport #12965: Not logging missing_on_shards properly		Rejected	

Associated revisions

Revision d723cac0 - 05/29/2014 09:11 PM - Loic Dachary

osd: factorize shard_id_t/shard_t into a struct

The struct contains a single uint8_t and is preferred to control conversions that would otherwise be implicit. There is no difference between shard_id_t and shard_t. The definition is moved in include/types.h so it is available to both hobject.h and osd_types.h

<http://tracker.ceph.com/issues/8254> Fixes: #8254

Signed-off-by: Loic Dachary <loic@dachary.org>

History

#1 - 05/20/2014 01:35 PM - Samuel Just

- Priority changed from Normal to Urgent

#2 - 05/24/2014 04:15 PM - Loic Dachary

- Category set to OSD

- Status changed from Verified to Need Review

- Assignee set to Loic Dachary

- % Done changed from 0 to 80

[need review](#)

#3 - 06/05/2014 04:53 AM - Loic Dachary

- Status changed from Need Review to Resolved

- Target version set to 0.82

- % Done changed from 80 to 100

#4 - 09/05/2015 11:42 AM - Nathan Cutler

- Backport set to firefly

- Regression set to No