Ceph - Bug #8254

Not logging missing_on_shards properly

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

Status:	Resolved		**% Done:**	100%
Priority:	Urgent		**Spent time:**	0.00 hour
Assignee:	Loïc Dachary			
Category:	OSD			
Target version:	0.82			
Source:	other		**Reviewed:**	
Tags:			**Affected Versions:**	
Backport:	firefly		**ceph-qa-suite:**	
Regression:	No		**Pull request ID:**	
Severity:	3 - minor		**Crash signature:**	

Description

```
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: {}) re
covery_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
```

Notice the missing_on_shards=^@ in the log message.

The ECBackend::RecoveryOp has "set<shard_id_t> missing_on_shards" that is output using operator<<() with the following:

```
 << " missing_on_shards=" << rhs.missing_on_shards
```

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".

Related issues:

Copied to Ceph - Backport #12965: Not logging missing_on_shards properly	**Rejected**

Associated revisions

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

- Category set to OSD

- Status changed from 12 to Fix Under Review

- Assignee set to Loïc Dachary

- % Done changed from 0 to 80

need review

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

- Status changed from Fix Under 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

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

- Priority changed from Normal to Urgent

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

- Category set to OSD