Ceph - Bug #8815

mon: scrub error (osdmap encoding mismatch?) upgrading from 0.80 to ~0.80.2

07/11/2014 09:19 AM - Sage Weil

Status:	Resolved		**% Done:**	0%
Priority:	Urgent		**Spent time:**	0.00 hour
Assignee:	Sage Weil			
Category:				
Target version:				
Source:	Q/A		**Affected Versions:**	
Tags:			**ceph-qa-suite:**	
Backport:	firefly		**Pull request ID:**	
Regression:	No		**Crash signature (v1):**	
Severity:	3 - minor		**Crash signature (v2):**	
Reviewed:				

Description

ubuntu@teuthology:/a/sage-2014-07-10_20:55:57-upgrade:firefly-firefly-testing-basic-plana/353414

description: upgrade/firefly/{0-cluster/start.yaml 1-install/v0.80.yaml 2-workload/testrados.yaml 3-upgrade-sequence/upgrade-mon-osd-mds.yaml 4-final/{monthrash.yaml osdthrash.yaml testrgw.yaml}}
duration: 3798.3317320346832
failure_reason: "'2014-07-11 02:35:54.764798 mon.0 10.214.133.24:6789/0 9 : [ERR] mon.0 ScrubResult(keys
{auth=13,logm=1185,mdsmap=12,monmap=3,osdmap=1023,pgmap=516,pgmap_meta=6,pgmap_osd=6,pgmap_pg=72}
crc
{auth=4249049519,logm=1976909497,mdsmap=3432914802,monmap=132340688,osdmap=2754814452,pgmap=1350280295,pgmap_meta=1503530791,pgmap_osd=2157513224,pgmap_pg=290475359})"
in cluster log'

Related issues:

Copied to Ceph - Backport #12289: mon: scrub error (osdmap encoding mismatch?...	**Resolved**	**07/11/2014**

Associated revisions

Revision c93da05b - 07/11/2014 06:31 PM - Sage Weil

osd/osd_types: be pedantic about encoding last_force_op_resend without feature bit

The addition of the value is completely backward compatible, but if the
mon feature bits don't match it can cause monitor scrub noice (due to the
parallel OSDMap encoding). Avoid that by only adding the new field if the
feature (which was added 2 patches after the encoding, see
3152faf79f498a723ae0fe44301ccb21b15a96ab and
45e79a17a932192995f8328ae9f6e8a2a6348d10.

Fixes: #8815
Backport: firefly
Signed-off-by: Sage Weil <sage@redhat.com>

Revision a8f3d6e1 - 07/10/2015 08:38 PM - Sage Weil

osd/osd_types: be pedantic about encoding last_force_op_resend without feature bit

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Fixes: #8815
Backport: firefly
Signed-off-by: Sage Weil <<sage@redhat.com>>
(cherry picked from commit c93da05bd3dd6b73e8cfa182c6349359b042717c)

Conflicts:
src/osd/osd_types.cc
drop encode_compat variable which is otherwise unused in this context

History

#1 - 07/11/2014 09:42 AM - Sage Weil

- Priority changed from Immediate to Urgent

The problem is we added the pool_op_resent to pg_pool_t encoding, but didn't encoding conditionally based on teh feature. That is totally fine, the
encodings are fully backward compatible, except that it trips up the mon scrub. Will fix it up in the next release.

#2 - 07/14/2014 03:08 PM - Sage Weil

- Status changed from 12 to Resolved

#3 - 07/10/2015 08:32 PM - Nathan Cutler

- Status changed from Resolved to Pending Backport

- Backport set to firefly

- Regression set to No

#4 - 09/10/2015 09:51 AM - Nathan Cutler

- Status changed from Pending Backport to Resolved