In practice, this means that replicated pgs will scan their log on the first operations after boot needlessly. EC pgs will tend to send an unnecessary transaction with the first operation after boot.

Related issues:
Related to Bug #11152: "Crash: 'wait_until_healthy' in upgrade:giant-giant-d... Resolved 03/18/2015
Duplicated by Bug #9971: OSD crashes again after restarting due to op thread ... Duplicate 10/30/2014

Associated revisions
Revision 1fe8b846 - 11/20/2014 11:16 PM - Samuel Just
PGLog: include rollback_info_trimmed_to in (read|write)_log
Fixes: #10157
Backport: firefly, giant
Signed-off-by: Samuel Just <sjust@redhat.com>

Revision c60da2f3 - 03/11/2015 01:58 PM - Samuel Just
PGLog: include rollback_info_trimmed_to in (read|write)_log
Fixes: #10157
Backport: firefly, giant
Signed-off-by: Samuel Just <sjust@redhat.com>
(cherry picked from commit 1fe8b846641486cc294fe7e1d2450132c38d2dba)
Conflicts:
src/osd/PGLog.cc
in the context coll_t::META_COLL was replaced with META_COLL

Revision fea29b1b - 03/18/2015 08:10 PM - Samuel Just
PGLog: include rollback_info_trimmed_to in (read|write)_log
Fixes: #10157
Backport: firefly, giant
Signed-off-by: Samuel Just <sjust@redhat.com>
(cherry picked from commit 1fe8b846641486cc294fe7e1d2450132c38d2dba)

History

#1 - 12/02/2014 01:39 PM - Samuel Just
- Status changed from New to Testing

#2 - 12/12/2014 02:37 PM - Samuel Just
- Status changed from Testing to Pending Backport
- Backport set to giant, firefly

#3 - 01/19/2015 08:01 PM - Dong Lei
Hi sam:
"EC pgs will tend to send an unnecessary transaction with the first operation after boot."
This unnecessary transaction is supposed to be very big if the log tail is far away from the last rollback_info_trimmed_to(before reboot), right?

#4 - 02/05/2015 05:52 PM - Samuel Just
- Status changed from Pending Backport to Testing

#5 - 02/10/2015 09:09 PM - Samuel Just
- Status changed from Testing to Pending Backport

#6 - 03/18/2015 10:30 PM - Loic Dachary
- giant backport fea29b1bcbdb17b3d1f642398ec70dbe258bbc98f

#7 - 03/26/2015 02:39 PM - Loic Dachary
fea29b1 PLog: include rollback_info_trimmed_to in (read|write)_log (in giant), c60dada2 PLog: include rollback_info_trimmed_to in (read|write)_log (in firefly).

#8 - 03/26/2015 02:39 PM - Loic Dachary
- Status changed from Pending Backport to Resolved