Ceph - Bug #19733

clean up min/max span warning

04/21/2017 03:13 AM - David Zafman

Status:	Resolved	**% Done:**	0%
Priority:	High	**Spent time:**	0.00 hour
Assignee:	David Zafman		
Category:			
Target version:			
Source:		**Reviewed:**	
Tags:		**Affected Versions:**	
Backport:	kraken, jewel	**ceph-qa-suite:**	
Regression:	No	**Pull request ID:**	
Severity:	3 - minor	**Crash signature:**	

Description

Sage cleaned up the name of the config and some minor output changes:

https://github.com/ceph/ceph/pull/14611

Related issues:

Related to Ceph - Bug #15912: An OSD was seen getting ENOSPC even with osd_fa...	**Resolved**	**05/17/2016**
Related to RADOS - Bug #20730: need new OSD_SKEWED_USAGE implementation	**New**	
Copied to Ceph - Backport #19841: kraken: clean up min/max span warning	**Resolved**	
Copied to Ceph - Backport #19842: jewel: clean up min/max span warning	**Resolved**	

History

#1 - 04/21/2017 03:07 PM - David Zafman

- Related to Bug #15912: An OSD was seen getting ENOSPC even with osd_failsafe_full_ratio passed added

#2 - 05/01/2017 04:20 PM - Sage Weil

- Status changed from 7 to Pending Backport

#3 - 05/03/2017 08:19 PM - Nathan Cutler

- Copied to Backport #19841: kraken: clean up min/max span warning added

#4 - 05/03/2017 08:19 PM - Nathan Cutler

- Copied to Backport #19842: jewel: clean up min/max span warning added

#5 - 08/23/2017 06:53 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved

#6 - 08/23/2017 07:12 PM - David Zafman

Unfortunately, I think Sage removed this code later, so that probably needs to be backported too.

#7 - 08/23/2017 07:39 PM - Nathan Cutler

David, do you mean daa0793c393a21bd2dd2ec52a0efd181e1032400 ?

```
smithfarm@wilbur:~/src/ceph/smithfarm/ceph> git log -S 'difference between min' src/mon/PGMonitor.cc
commit daa0793c393a21bd2dd2ec52a0efd181e1032400
Author: Sage Weil <sage@redhat.com>
Date:   Tue May 16 13:20:51 2017 -0400
```

```
    mon/PGMonitor: move most of get_health into PGMap

    Leave the legacy full/nearfull stuff in PGMonitor (although we'll still
    need to clean out the PGMap fields too).

    This is cut and paste, some stripping of pg_map., g_conf -> cct->_conf,
    and a bit of whitespace cleanup.

    Signed-off-by: Sage Weil <sage@redhat.com>

commit 489e810c37ed6fb9d32d1015634041a577501ee4
Author: Sage Weil <sage@redhat.com>
Date:   Tue Apr 18 13:54:56 2017 -0400

    mon/PGMonitor: clean up min/max span warning

    Clean up option naming.

    Signed-off-by: Sage Weil <sage@redhat.com>
```

#8 - 08/23/2017 09:04 PM - David Zafman

7832c53375ad24f3b54a68a3c63b056e69e3fa0d removed it after it was moved by daa0793c393a21bd2dd2ec52a0efd181e1032400

```
commit 7832c53375ad24f3b54a68a3c63b056e69e3fa0d
Author: Sage Weil <sage@redhat.com>
Date:   Fri Jul 21 11:58:08 2017 -0400

    mon/PGMap: remove skewed utilizatoin warning

    This has a few problems:

    1- It does not do it's analysis over CRUSH rule roots/classes, which
    means that an innocent user of classes will see skewed usage (bc hdds are
    more full than ssds, say)

    2- It does not take degraded clusters into account, which means the warning
    will appear when a fresh OSD is added.

    See http://tracker.ceph.com/issues/20730

    Signed-off-by: Sage Weil <sage@redhat.com>
```

#9 - 08/23/2017 09:05 PM - David Zafman

- Related to Bug #20730: need new OSD_SKEWED_USAGE implementation added

#10 - 08/23/2017 09:06 PM - David Zafman

The tracker for the removal is http://tracker.ceph.com/issues/20730. I added it to related issues.