Changing pg_num and other pool settings are ignored

06/06/2019 07:43 PM - Nathan Fish

Status: Duplicate
Priority: Normal
Assignee:
Category:
Target version:
Source: Community (user)
Tags:
Backport:
Regression:
Severity: 2 - major
Reviewed:

Description

root@dc-3558-422:~# ceph osd pool set cephfs_data_cscf-home pg_num 64
set pool 1 pg_num to 64
root@dc-3558-422:~# ceph osd pool get cephfs_data_cscf-home pg_num
pg_num: 16
root@dc-3558-422:~# ceph osd pool set cephfs_data_cscf-home pgp_num 64
Error EINVAL: specified pgp_num 64 > pg_num 16

Nautilus 14.2.1 on Ubuntu 18.04.2 (HWE kernel 4.18)

mon log snippet while running "ceph osd pool set cephfs_data_cscf-home pg_num 64" with "debug mon = 15":


I had the autoscaler enabled, I disabled it but that did not fix the problem. This worked on a previous edition of the cluster running 14.2.0. Should I roll back to 14.2.0 and try to reproduce it?

Related issues:
Duplicates RADOS - Bug #39570: nautilus with require_osd_release < nautilus c...

Resolved

05/02/2019

History

#1 - 06/10/2019 09:11 PM - Greg Farnum
- Project changed from Ceph to RADOS

#2 - 06/11/2019 02:02 PM - Nathan Fish
By the way, I tried rolling back to 14.2.0 (with existing cluster state) and also kernel 4.15. Neither did anything.

#3 - 06/12/2019 09:15 PM - Josh Durgin
- Duplicates Bug #39570: nautilus with require_osd_release < nautilus cannot increase pg_num added

#4 - 06/12/2019 09:15 PM - Josh Durgin
- Status changed from New to Duplicate

#5 - 06/12/2019 09:18 PM - Greg Farnum
Also check your cluster health — according to the monitor it’s got “736 pgs creating” which is unusual, and probably related to whatever’s not working
here.