

Ceph - Feature #823

osd: make FULL and NEAR_FULL configurable

02/21/2011 04:36 AM - Wido den Hollander

Status: Resolved	% Done: 0%
Priority: Low	Spent time: 0.50 hour
Assignee: Greg Farnum	
Category: OSD	
Target version:	
Source:	Reviewed:
Tags:	Affected Versions:
Backport:	Pull request ID:
Description	
FULL and NEAR_FULL are set in osd/osd_types.h:	
<pre>#define CEPH_OSD_NEARFULL_RATIO .8 #define CEPH_OSD_FULL_RATIO .95</pre>	
While 95% seems FULL, on a 2TB disk you still have 100GB left. On a 3TB disk you even have 150GB of space left.	
I think it is up to the sysadmin to decide which values are acceptable. Make them configurable so we can choose.	

History

#1 - 02/22/2011 07:44 AM - Greg Farnum

- Assignee set to Greg Farnum

#2 - 02/22/2011 08:51 AM - Greg Farnum

- Status changed from New to Resolved

Made these configurable via mon_osd_full_ratio and mon_osd_nearfull_ratio in [158889b2e4089db2361b7f61d6e2e2c134fa26d6](#).

For the future, it might be nifty to adjust how this is handled a little bit so you could set these ratios individually on each OSD rather than as a blanket over the whole cluster.