

Dashboard - Feature #25166

mgr/dashboard: Add cache pool support

07/30/2018 02:47 PM - Stephan Müller

Status: New	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee:	
Category: dashboard/pools	
Target version:	
Source:	Reviewed:
Tags:	Affected Versions:
Backport:	Pull request ID:
Description Ceph provides a concept of cache pools . It should be possible for an administrator to define such a cache pool and assign it to an existing pool via dashboard:	
Purpose Use a pool of fast storage devices (probably SSDs) and use it as a cache for an existing slower and larger pool. Use a replicated pool as a front-end to service most I/O, and destage cold data to a separate erasure coded pool that does not currently (and cannot efficiently) handle the workload. We should be able to create and add a cache pool to an existing pool of data, and later remove it, without disrupting service or migrating data around.	
See also: http://lists.ceph.com/pipermail/ceph-users-ceph.com/2016-October/013880.html http://docs.ceph.com/docs/master/rados/operations/cache-tiering/ https://www.packtpub.com/packtlit/book/Application-Development/9781784393502/8/ch08lv1sec91/Creating%20a%20pool%20for%20cache%20tiering	
Related issues: Related to Dashboard - Feature #48388: mgr,mgr/dashboard: implement multi-lay... In Progress	

History

#1 - 11/08/2018 04:35 PM - Lenz Grimmer

- Subject changed from Add and remove a "cache pool" to an existing Ceph Pool, to improve the Pool's performance. to mgr/dashboard: Add cache pool support

- Description updated

#2 - 11/08/2018 04:35 PM - Lenz Grimmer

- Description updated

#3 - 03/23/2021 12:34 PM - Alfonso Martínez

- Related to Feature #48388: mgr,mgr/dashboard: implement multi-layered caching added

#4 - 04/15/2021 04:58 PM - Ernesto Puerta

- Project changed from mgr to Dashboard

- Category changed from dashboard/pools to dashboard/pools