

Dashboard - Feature #25166

mgr/dashboard: Add cache pool support

07/30/2018 02:47 PM - Stephan Müller

Status:	New	% Done:	0%
Priority:	Normal		
Assignee:			
Category:	Component - Pools		
Target version:			
Source:		Reviewed:	
Tags:		Affected Versions:	
Backport:		Pull request ID:	
Description <p>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:</p> Purpose <p>Use a pool of fast storage devices (probably SSDs) and use it as a cache for an existing slower and larger pool.</p> <p>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.</p> <p>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.</p> See also: <p>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/packtlb/book/Application-Development/9781784393502/8/ch08lv1sec91/Creating%20a%20pool%20for%20cache%20tiering</p>			
Related issues: <p>Related to Dashboard - Feature #48388: mgr,mgr/dashboard: implement multi-lay... In Progress</p>			

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 137 to Component - Pools