

Linux kernel client - Fix #11418

rbd: feature bits should be re-read during header refresh

04/16/2015 11:34 PM - Josh Durgin

Status:	Fix Under Review	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Douglas Fuller		
Category:	rbd		
Target version:			
Source:	Development	Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:		Crash signature:	
Reviewed:			

Description

The kernel client was originally assuming feature bits would not change, and just reading an image's features once during mapping. The exclusive lock and object map features can now be added by userspace dynamically.

The features should be refreshed during the usual header refresh path. It's debatable what should happen when these are added to a mapped image... The image should at least go read only, and perhaps return EIO as well.

If the features are removed, and only compatible features are left, krbd could start accepting requests again, but it may not be worth the complexity of avoiding an unmap/remap.

History

#1 - 04/22/2015 02:20 PM - Douglas Fuller

- Status changed from New to In Progress
- Assignee set to Douglas Fuller

#2 - 04/28/2015 04:10 PM - Josh Durgin

- Target version set to sprint2

#3 - 04/28/2015 09:12 PM - Josh Durgin

- Status changed from In Progress to Fix Under Review

#4 - 06/29/2020 06:48 PM - Patrick Donnelly

- Target version deleted (sprint2)

Unsetting old target version for open tickets.