

## rbd - Feature #11766

### rbd-mirror: basic structure

05/26/2015 05:44 PM - Josh Durgin

<b>Status:</b>	Resolved	<b>% Done:</b>	100%
<b>Priority:</b>	Normal	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Josh Durgin		
<b>Category:</b>			
<b>Target version:</b>	10.0.2		
<b>Source:</b>	other	<b>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	
<b>Backport:</b>		<b>Pull request ID:</b>	

#### Description

design discussion: [http://pad.ceph.com/p/rbd\\_mirror\\_daemon](http://pad.ceph.com/p/rbd_mirror_daemon) (backup: <http://fpaste.org/335877/raw/>)

#### Subtasks:

Subtask # 14412: Track epoch and period for mirrored images	Resolved
Subtask # 14413: Pull full image from remote peer when out-of-sync	Resolved
Subtask # 14414: Add new "exclusive lock released" journal event to librbd	Closed
Subtask # 14415: Pull journal events from remote peer to local journal	Resolved
Subtask # 14417: Interlock RBD mirroring daemon and acquiring exclusive lock	Resolved
Subtask # 14419: RBD mirroring settings should be moved to new pool object	Resolved
Subtask # 14420: New RBD notification pool object for recording mirroring errors	Resolved
Subtask # 14421: Propagate image deletes from remote pool to local pool	Resolved
Subtask # 14530: Journal close should be non-blocking	Resolved
Subtask # 14663: Integrate librbd with journal tag allocation	Resolved
Subtask # 14673: Asynchronously open and close image replayers	Resolved
Subtask # 14739: Support deleting a journal when its being replayed by the RBD mirrorin...	Can't reproduce
Subtask # 14869: journal library should re-use thread pool and timer	Resolved
Subtask # 14937: Cloned images must only be bootstrapped after parent image successfull...	Resolved
Subtask # 14981: rbd-mirror daemon systemd / upstart scripts	Resolved
Subtask # 15029: Use watch/notify to alert to specific changes in the rbd_mirroring object	Resolved
Subtask # 15108: Periodically update the sync point object number during sync	Resolved
Subtask # 15109: Integrate image sync process within rbd-mirror image replayer	Resolved
Subtask # 15110: Image sync should sync full snapshot state	Resolved
Subtask # 15142: Integrate the rbd mirroring directory within the replay daemon	Resolved
Subtask # 15232: Support failover / failback	Resolved
Subtask # 15238: Switch fsid over to mirror uuid	Resolved
Subtask # 15239: Throttle in-flight image syncs to only a X concurrent	Resolved
Subtask # 15670: Delete image when a resync is requested	Resolved
Subtask # 15710: The exclusive lock policy should support skipping the journal	Closed
Subtask # 15718: rbd-mirror admin socket commands to start/stop/restart	Resolved

#### History

#1 - 05/26/2015 05:48 PM - Josh Durgin

- Target version set to v9.0.4

#2 - 05/26/2015 05:50 PM - Josh Durgin

- Assignee set to Josh Durgin

#3 - 08/04/2015 03:44 PM - Josh Durgin

- Target version changed from v9.0.4 to v10.0.1

**#4 - 12/08/2015 04:50 PM - Josh Durgin**

- Target version changed from v10.0.1 to 10.0.2

**#5 - 02/18/2016 04:33 PM - Jason Dillaman**

- Description updated

**#6 - 03/08/2016 09:18 PM - Josh Durgin**

- Description updated

**#7 - 08/12/2016 07:30 PM - Jason Dillaman**

- Status changed from New to Resolved