RADOS - Feature #23129

After creating a snapshot of a rados pool when we try to rollback the pool it allows only specific object to rollback.

02/26/2018 04:35 AM - Debashis Mondal

Status:	New		**% Done:**	0%
Priority:	Normal		**Spent time:**	0.00 hour
Assignee:				
Category:				
Target version:				
Source:			**Affected Versions:**	v10.2.7
Tags:			**Component(RADOS):**	
Backport:			**Pull request ID:**	
Reviewed:				

Description

Execution Steps:
----

1. Creating a pool   # ceph osd pool create testpool 16 16
2. Add two objects in pool   # rados -p testpool put myobject1 tmp.txt   # rados -p testpool put myobject2 tmp.txt
3. Check the pool content   # rados -p testpool ls
4. Create a snapshot of the pool   # rados -p testpool mksnap testpool-snap
5. Remove two objects one by one from the pool   # rados -p pooltest1 rm myobject1   # rados -p pooltest1 rm myobject2
6. Rollback the pool data from snapshot   # rados ~~p testpool rollback myobject1 testpool-snap~~
[Note : Only mentioned object is roll backed from snapshot]

Observation

Rados pool rollback has a feature to rollback entire pool from snapshot. But ,it only allows to rollback the specific object.
But if multiple objects are being deleted then rollback the pool data is complex. So there should be an option to rollback the entire pool from a certain point.

Solution:

Code level investigation is necessary to enhance the feature and to propose other solutions. We are analyzing the code.

History

#1 - 02/26/2018 04:37 AM - Debashis Mondal

rados -p testpool rollback myobject1 testpool-snap

```
[Note :- Only mentioned object is roll backed from snapshot]
```

#2 - 02/26/2018 01:10 PM - Jason Dillaman

- Project changed from rbd to RADOS

Files

rados_pool_rollback.txt	538 Bytes	02/26/2018	Debashis Mondal