Ceph - Bug #250

mon: delete old states to avoid filling disk

07/02/2010 09:46 PM - Sage Weil

Status:	Resolved	**% Done:**	0%
Priority:	Normal	**Spent time:**	0.00 hour
Assignee:			
Category:	Monitor		
Target version:	v0.38		
Source:		**Reviewed:**	
Tags:		**Affected Versions:**	
Backport:		**ceph-qa-suite:**	
Regression:	No	**Pull request ID:**	
Severity:	3 - minor	**Crash signature:**	

Description

We trim the pgmap (which gets the most activity), but not the others: logs, mdsmap, osdmap, etc. Unfortunately the others are trickier. mds may be safe, but for the osdmap the clients/osds currently needs a full history from where they are to present in order to behave. Need to be careful about throwing out old states. Maybe a min age would help?

History

#1 - 08/03/2010 10:52 AM - Sage Weil

- Target version set to 12

#2 - 06/21/2011 10:59 AM - Wido den Hollander

I keep running into this, my monitors keep running out of inodes which causes them to stall.

Right now I have cron's like:

```
@daily find /var/lib/ceph/mon.logger/logm -type f -ctime +7 -delete
```

pgmap already gets trimmed, but the logm doesn't.

I was thinking about a cron which runs every day and ships with the Ceph packages, would that be OK? Or do you prefer to implement this in the monitor itself?

#3 - 06/21/2011 11:10 AM - Greg Farnum

We should probably just do this in the monitor. The logm is never read so it's safe to delete whenever, unlike the other maps we're concerned about.

#4 - 06/21/2011 12:33 PM - Sage Weil

log trimming fixed by 4c1cb28cb6cbb3d23a1736d02f6af524481c886a

osdmap, mdsmap, monmap still need trimming, but that's a whole 'nother thing.

#5 - 08/31/2011 10:01 PM - Sage Weil

- Target version deleted (12)

#6 - 10/25/2011 10:28 PM - Sage Weil

- Target version set to v0.38

- translation missing: en.field_position deleted (569)

- translation missing: en.field_position set to 958   *2/2*

#7 - 10/25/2011 10:28 PM - Sage Weil

- Status changed from New to Resolved

- translation missing: en.field_position deleted (958)

- translation missing: en.field_position set to 958

#8 - 10/25/2011 10:28 PM - Sage Weil

- translation missing: en.field_position deleted (958)

- translation missing: en.field_position set to 958