

Ceph - Bug #15403

rados/test.sh workunit timeout on OpenStack

04/06/2016 01:38 PM - Loïc Dachary

Status:	Resolved	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Loïc Dachary		
Category:			
Target version:			
Source:	other	Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	hammer, jewel	Pull request ID:	
Regression:	No	Crash signature (v1):	
Severity:	3 - minor	Crash signature (v2):	
Reviewed:			

Description

When the thrasher is in action together with a validator (lockdep or valgrind), a single test may hang for more than 360 seconds which is the hardcoded value in src/test/librados/test.h

http://167.114.242.130:8081/ubuntu-2016-04-06_10:58:21-rados-hammer-backports---basic-openstack/

```
2016-04-06T11:54:21.968 INFO:tasks.workunit.client.0.target167114239009.stdout:[ OK ] LibRad
osAio.TooBig (1158 ms)
2016-04-06T11:54:21.968 INFO:tasks.workunit.client.0.target167114239009.stdout:[ RUN ] LibRad
osAio.TooBigPP
2016-04-06T11:54:22.352 INFO:tasks.thrashosds.thrasher:in_osds: [0, 1, 3, 4, 5, 2] out_osds: []
dead_osds: [] live_osds: [1, 0, 3, 2, 5, 4]
2016-04-06T11:54:22.355 INFO:tasks.thrashosds.thrasher:choose_action: min_in 3 min_out 0 min_live
2 min_dead 0
...
2016-04-06T12:02:18.652 INFO:tasks.workunit.client.0.target167114239009.stderr:Alarm clock
2016-04-06T12:02:18.653 INFO:tasks.workunit:Stopping ['rados/test.sh'] on client.0...

2016-04-05T22:15:51.410 INFO:tasks.workunit.client.0.target167114225255.stdout:[ OK ] LibRad
osAioEC.StatRemovePP (7299 ms)
2016-04-05T22:15:51.410 INFO:tasks.workunit.client.0.target167114225255.stdout:[ RUN ] LibRad
osAioEC.OmapPP
2016-04-05T22:15:52.296 INFO:tasks.thrashosds.thrasher:in_osds: [4, 1, 0, 3, 5, 2] out_osds: []
dead_osds: [] live_osds: [1, 0, 3, 2, 5, 4]
2016-04-05T22:15:52.297 INFO:tasks.thrashosds.thrasher:choose_action: min_in 3 min_out 0 min_live
2 min_dead 0
2016-04-05T22:15:52.297 INFO:tasks.thrashosds.thrasher:Killing osd 5, live_osds are [1, 0, 3, 2, 5
, 4]
2016-04-05T22:15:52.298 DEBUG:tasks.ceph.osd.5:waiting for process to exit
...
2016-04-05T22:21:54.536 INFO:tasks.workunit.client.0.target167114225255.stderr:Alarm clock
2016-04-05T22:21:54.538 INFO:tasks.workunit:Stopping ['rados/test.sh'] on client.0...
```

Related issues:

Copied to Ceph - Backport #15699: hammer: rados/test.sh workunit timeout on ...

Resolved

Copied to Ceph - Backport #15700: jewel: rados/test.sh workunit timeout on O...

Resolved

History

#1 - 04/06/2016 05:49 PM - Loïc Dachary

I don't think it's the problem anymore. The underlying cluster blocks forever, with PG stuck in creating using the hammer-backports branch.

```
ubuntu@target167114242135:~$ sudo ceph -w
2016-04-06 17:45:26.502561 7f9a7ea2b700 0 lockdep start
cluster 5079a5a5-26d9-4b08-bf6c-21206aff8bf6
health HEALTH_WARN
  1 pgs stuck inactive
  1 pgs stuck unclean
  1 requests are blocked > 32 sec
  pool rbd pg_num 74 > pgp_num 64
  mon.a has mon_osd_down_out_interval set to 0
monmap el: 3 mons at {a=167.114.242.135:6789/0,b=167.114.242.140:6789/0,c=167.114.242.135:6790/0}
election epoch 4, quorum 0,1,2 a,b,c
osdmap e423: 6 osds: 6 up, 6 in; 1 remapped pgs
pgmap v850: 82 pgs, 2 pools, 128 bytes data, 1 objects
  19160 MB used, 207 GB / 236 GB avail
    81 active+clean
    1 creating

2016-04-06 17:45:23.165192 mon.0 [INF] pgmap v850: 82 pgs: 1 creating, 81 active+clean; 128 bytes data, 19160
MB used, 207 GB / 236 GB avail
^C2016-04-06 17:45:29.756575 7f9a7ea2b700 0 lockdep stop
(reverse-i-search)`': ^C
ubuntu@target167114242135:~$ ceph pg dump | grep create
2016-04-06 17:45:36.838845 7f85643e4700 0 lockdep start
dumped all in format plain
2016-04-06 17:45:36.950630 7f85643e4700 0 lockdep stop
ubuntu@target167114242135:~$ ceph pg dump | grep creatin
2016-04-06 17:45:38.356023 7f9089d6f700 0 lockdep start
dumped all in format plain
79.2  0  0  0  0  0  0  0  0  0  creating  0.000000  0'0  0:0  [0,1,2]  1  [0,NONE,
2]  0  0'0  2016-04-06 14:56:54.957350  0'0  2016-04-06 14:56:54.957350
2016-04-06 17:45:38.469395 7f9089d6f700 0 lockdep stop
ubuntu@target167114242135:~$ ceph osd dump | grep 79
2016-04-06 17:45:56.631351 7f0314807700 0 lockdep start
fsid 5079a5a5-26d9-4b08-bf6c-21206aff8bf6
pool 79 'test-rados-api-target167114242135.teuthology-16553-3' erasure size 3 min_size 2 crush_ruleset 2 objec
t_hash rjenkins pg_num 8 pgp_num 8 last_change 409 flags hashpspool stripe_width 4096
pg_temp 79.2 [0,2147483647,2]
2016-04-06 17:45:56.760952 7f0314807700 0 lockdep stop
ubuntu@target167114242135:~$ ceph osd map test-rados-api-target167114242135.teuthology-16553-3 79.2
2016-04-06 17:46:10.337018 7f72ec004700 0 lockdep start
osdmap e423 pool 'test-rados-api-target167114242135.teuthology-16553-3' (79) object '79.2' -> pg 79.66540d7d (
79.5) -> up ([0,4,2], p0) acting ([0,4,2], p0)
2016-04-06 17:46:10.452568 7f72ec004700 0 lockdep stop
```

and a run on hammer passed.

#2 - 05/03/2016 08:20 AM - Nathan Cutler

- Status changed from *In Progress* to *Fix Under Review*

master PR: <https://github.com/ceph/ceph/pull/8469>

#3 - 05/03/2016 08:51 AM - Nathan Cutler

- Status changed from *Fix Under Review* to *Pending Backport*

- Backport changed from *hammer, infernalis* to *hammer, jewel*

#4 - 05/03/2016 08:52 AM - Nathan Cutler

- Copied to Backport #15699: *hammer: rados/test.sh workunit timeout on OpenStack added*

#5 - 05/03/2016 08:52 AM - Nathan Cutler

- Copied to Backport #15700: *jewel: rados/test.sh workunit timeout on OpenStack added*

#6 - 07/25/2016 09:34 PM - Nathan Cutler

- Status changed from *Pending Backport* to *Resolved*