

Ceph - Bug #1440

mon: irtual void PGMonitor::encode_pending(ceph::bufferlist&)

08/24/2011 07:18 AM - Wido den Hollander

Status:	Resolved	% Done:	0%
Priority:	Normal	Spent time:	1.00 hour
Assignee:	Sage Weil		
Category:	Monitor		
Target version:	v0.34		
Source:		Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	

Description

After upgrading to v0.33 I'm encountering:

```
mon/PGMonitor.cc: In function 'virtual void PGMonitor::encode_pending(ceph::bufferlist&)', in thread '0x7f7ce1f5b760'
mon/PGMonitor.cc: 210: FAILED assert(paxos->get_version() + 1 == pending_inc.version)
ceph version 0.33 (commit:340b4348bf620fe81f4c0d3a685fdc832663a4cf)
1: (PGMonitor::encode_pending(ceph::buffer::list&)+0x108) [0x4bbec8]
2: (PaxosService::propose_pending()+0xc6) [0x483326]
3: (PGMonitor::check_osd_map(unsigned int)+0xca9) [0x4c60d9]
4: (OSDMonitor::update_from_paxos()+0xb0b) [0x49412b]
5: (PaxosService::_active()+0x39) [0x484319]
6: (PaxosService::election_finished()+0x1b6) [0x484676]
7: (Monitor::win_election(unsigned int, std::set<int, std::less<int>, std::allocator<int> >&)+0x234) [0x469b24]
8: (Monitor::win_standalone_election()+0x142) [0x469cb2]
9: (Monitor::init()+0x2a0) [0x469fc0]
10: (main()+0x1eda) [0x45affa]
11: (__libc_start_main()+0xed) [0x7f7ce04af30d]
12: /usr/bin/cmon() [0x45ca89]
```

I've raised the debug level (debug mon = 20) and this is showing:

```
2011-08-24 15:54:08.033926 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs scanning pg_pool(
rep pg_size 3 crush_ruleset 0 object_hash rjenkins pg_num 8 pgp_num 8 lpg_num 0 lpgp_num 0 last_ch
ange 44 owner 0)
2011-08-24 15:54:08.033945 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.0
2011-08-24 15:54:08.033959 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.1
2011-08-24 15:54:08.033971 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.2
2011-08-24 15:54:08.033984 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.3
2011-08-24 15:54:08.033997 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.4
2011-08-24 15:54:08.034010 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.5
2011-08-24 15:54:08.034022 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.6
2011-08-24 15:54:08.034035 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 12.7
2011-08-24 15:54:08.034048 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs scanning pg_pool(
rep pg_size 3 crush_ruleset 0 object_hash rjenkins pg_num 8 pgp_num 8 lpg_num 0 lpgp_num 0 last_ch
ange 45 owner 0)
2011-08-24 15:54:08.034061 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.0
2011-08-24 15:54:08.034074 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.1
2011-08-24 15:54:08.034091 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.2
2011-08-24 15:54:08.034104 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.3
2011-08-24 15:54:08.034117 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.4
2011-08-24 15:54:08.034130 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.5
```

```

2011-08-24 15:54:08.034142 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.6
2011-08-24 15:54:08.034155 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs will create 13.7
2011-08-24 15:54:08.034167 7f7ce1f5b760 mon.dga@0(leader).pg v0 register_new_pgs registered 8008 n
ew pgs, removed 0 uncreated pgs
2011-08-24 15:54:08.034182 7f7ce1f5b760 mon.dga@0(leader).pg v0 encode_pending v 1
mon/PGMonitor.cc: In function 'virtual void PGMonitor::encode_pending(ceph::bufferlist&)', in thre
ad '0x7f7ce1f5b760'
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6: (PaxosService::election_finished()+0x1b6) [0x484676]
7: (Monitor::win_election(unsigned int, std::set<int, std::less<int>, std::allocator<int> >&)+0x2
34) [0x469b24]
8: (Monitor::win_standalone_election()+0x142) [0x469cb2]
9: (Monitor::init()+0x2a0) [0x469fc0]
10: (main()+0x1eda) [0x45affa]
11: (__libc_start_main()+0xed) [0x7f7ce04af30d]
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12: /usr/bin/cmon() [0x45ca89]
*** Caught signal (Aborted) **
in thread 0x7f7ce1f5b760
ceph version 0.33 (commit:340b4348bf620fe81f4c0d3a685fdc832663a4cf)
1: /usr/bin/cmon() [0x58dbc6]
2: (()+0x10040) [0x7f7ce1b3e040]
3: (gsignal()+0x35) [0x7f7ce04c43a5]
4: (abort()+0x17b) [0x7f7ce04c7b0b]
5: (__gnu_cxx::__verbose_terminate_handler()+0x11d) [0x7f7ce0d82e6d]
6: (()+0xba016) [0x7f7ce0d81016]
7: (()+0xba043) [0x7f7ce0d81043]
8: (()+0xba13e) [0x7f7ce0d8113e]
9: (ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x193) [0x56c2d3]
10: (PGMonitor::encode_pending(ceph::buffer::list&)+0x108) [0x4bbec8]
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```

At the moment of starting the monitor there were no online OSDs.

This cluster has one monitor.

History

#1 - 08/24/2011 09:17 AM - Sage Weil

- *Status changed from New to Resolved*
- *Assignee set to Sage Weil*
- *Target version set to v0.34*

Tracked this down last night.. should be fixed by [eaaefece778b042b91d7c7e7fd8e00d418d7e93a](#)