

CephFS - Bug #20659

MDSMonitor: assertion failure if two mds report same health warning

07/18/2017 05:22 AM - Patrick Donnelly

Status:	Resolved	% Done:	0%
Priority:	Immediate		
Assignee:	John Spray		
Category:			
Target version:	v12.1.0		
Source:	Q/A	Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:		Component(FS):	MDSMonitor
Regression:	No	Labels (FS):	
Severity:	3 - minor	Pull request ID:	
Reviewed:		Crash signature:	

Description

```
(gdb) bt
#0 0x00007f782719323b in raise () from /lib64/libpthread.so.0
#1 0x0000003226a47d36 in reraise_fatal (signum=6) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/global/signal_handler.cc:74
#2 handle_fatal_signal (signum=6) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/global/signal_handler.cc:138
#3 <signal handler called>
#4 0x00007f78244631d7 in raise () from /lib64/libc.so.6
#5 0x00007f78244648c8 in abort () from /lib64/libc.so.6
#6 0x00000032267ba274 in ceph::__ceph_assert_fail (assertion=assertion@entry=0x3226c2060a "checks.count(code) == 0",
    file=file@entry=0x3226c20dd0 "/home/jenkins-build/build/workspace/ceph-dev-new-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos7/DIST/centos7/MACHINE_SIZE/huge/release/12.1.0-990-gb36c57d/rpm/el7/BUILD/ceph-12.1.0-990"... , line=line@entry=97,
    func=func@entry=0x3226c44f80 <_ZZN18health_check_map_t3addERKSS15health_status_tS1_E19__PRETTY_FUNCTION__> "health_check_t& health_check_map_t::add(const string&, health_status_t, const string&)" )
    at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/common/assert.cc:66
#7 0x000000322674e929 in add (summary="%num% MDSs report slow requests", severity=HEALTH_WARN, code="MDS_SLOW_REQUEST", this=0x7f7820bcb170) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/mon/health_check.h:97
#8 MDSMonitor::encode_pending (this=0x32308ec800, t=warning: RTTI symbol not found for class 'std::_Sp_counted_ptr<MonitorDBStore::Transaction*, (__gnu_cxx::__Lock_policy)2>'
warning: RTTI symbol not found for class 'std::_Sp_counted_ptr<MonitorDBStore::Transaction*, (__gnu_cxx::__Lock_policy)2>'
std::shared_ptr (count 3, weak 0) 0x3230b70400) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/mon/MDSMonitor.cc:209
#9 0x00000032266b52dd in PaxosService::propose_pending (this=0x32308ec800) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/mon/PaxosService.cc:213
#10 0x000000322656b797 in operator() (a0=<optimized out>, this=<optimized out>) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/build/boost/include/boost/function/function_template.hpp:771
#11 finish (r=<optimized out>, this=<optimized out>) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/include/Context.h:493
#12 C_MonContext::finish (this=<optimized out>, r=<optimized out>) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/mon/Monitor.cc:132
#13 0x00000032265a7129 in Context::complete (this=0x32313a44f0, r=<optimized out>) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/include/Context.h:70
#14 0x00000032267b69a4 in SafeTimer::timer_thread (this=0x32308e6490) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/common/Timer.cc:97
#15 0x00000032267b83cd in SafeTimerThread::entry (this=<optimized out>) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/common/Timer.cc:30
```

```
#16 0x00007f782718bdc5 in start_thread () from /lib64/libpthread.so.0
#17 0x00007f782452573d in clone () from /lib64/libc.so.6
(gdb) frame 7
#7 0x000000322674e929 in add (summary="%num% MDSs report slow requests", severity=HEALTH_WARN, code="MDS_SLOW_REQUEST", this=0x7f7820bcb170) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/mon/health_check.h:97
97         assert(checks.count(code) == 0);
(gdb) print checks
$1 = std::map with 1 elements = [{"MDS_SLOW_REQUEST"} = {severity = HEALTH_WARN, summary = "%num% MDSs report slow requests", detail = std::list = {[0] = "mdsh(mds.8): 2 slow requests are blocked > 30 sec"}}}
(gdb) frame 8
#8 MDSMonitor::encode_pending (this=0x32308ec800, t=warning: RTTI symbol not found for class 'std::_Sp_counted_ptr<MonitorDBStore::Transaction*, (__gnu_cxx::_Lock_policy)2>'
warning: RTTI symbol not found for class 'std::_Sp_counted_ptr<MonitorDBStore::Transaction*, (__gnu_cxx::_Lock_policy)2>'
std::shared_ptr (count 3, weak 0) 0x3230b70400) at /usr/src/debug/ceph-12.1.0-990-gb36c57d/src/mon/MDSMonitor.cc:209
209         mds_metric_summary(metric.type));
(gdb) print rank
$2 = 5
```

From:
/ceph/teuthology-archive/pdonnell-2017-07-14_04:41:06-multimds-wip-pdonnell-20170713-testing-basic-smithi/1399292/remote/smit
hi008/coredump/1500017698.78430.core
and:
/ceph/teuthology-archive/pdonnell-2017-07-14_04:41:06-multimds-wip-pdonnell-20170713-testing-basic-smithi/1399292/remote/smit
hi008/coredump/1500017698.78430.core

History

#1 - 07/18/2017 10:56 AM - John Spray

- Status changed from New to Resolved

Unless this test run was more recent than the fix, I think this is <https://github.com/ceph/ceph/pull/16302>

#2 - 07/18/2017 01:29 PM - Patrick Donnelly

No it isn't more recent. Thanks!