

## fs - Bug #14697

### mds: assert in SafeTimer while suiciding

02/08/2016 06:32 PM - Greg Farnum

<b>Status:</b>	Resolved	<b>Start date:</b>	02/08/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Greg Farnum	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected Versions:</b>	
<b>Source:</b>	Development	<b>ceph-qa-suite:</b>	
<b>Tags:</b>		<b>Component(FS):</b>	MDS
<b>Backport:</b>		<b>Labels (FS):</b>	
<b>Regression:</b>	No	<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor		
<b>Reviewed:</b>			

#### Description

[http://pulpito.ceph.com/gregf-2016-02-08\\_00:50:24-fs-greg-fs-testing-27-1---basic-mira/10767/](http://pulpito.ceph.com/gregf-2016-02-08_00:50:24-fs-greg-fs-testing-27-1---basic-mira/10767/)

```
2016-02-08T02:00:32.446 INFO:tasks.ceph.mds.a-s.mira064.stderr:2016-02-08 10:00:31.363700 1466a700
-1 mds.a-s *** got signal Terminated ***
2016-02-08T02:00:34.587 INFO:tasks.ceph.mds.a-s.mira064.stderr:Thread::join(): pthread_join failed
with error 22
2016-02-08T02:00:34.628 INFO:tasks.ceph.mds.a-s.mira064.stderr:common/Thread.cc: In function 'int
Thread::join(void**)' thread 18277700 time 2016-02-08 10:00:34.589274
2016-02-08T02:00:34.628 INFO:tasks.ceph.mds.a-s.mira064.stderr:common/Thread.cc: 174: FAILED asser
t(status == 0)
2016-02-08T02:00:34.681 INFO:tasks.ceph.mds.a-s.mira064.stderr: ceph version 10.0.2-1868-g68f97e4
(68f97e4626554229d8670e6faf4fdad1824e025c)
2016-02-08T02:00:34.682 INFO:tasks.ceph.mds.a-s.mira064.stderr: 1: (ceph::__ceph_assert_fail(char
const*, char const*, int, char const*)+0x8b) [0x6b2deb]
2016-02-08T02:00:34.682 INFO:tasks.ceph.mds.a-s.mira064.stderr: 2: (Thread::join(void**)+0xaa) [0x
6a608a]
2016-02-08T02:00:34.682 INFO:tasks.ceph.mds.a-s.mira064.stderr: 3: (SafeTimer::shutdown()+0xa6) [0
x6aa7d6]
2016-02-08T02:00:34.682 INFO:tasks.ceph.mds.a-s.mira064.stderr: 4: (MDSDaemon::suicide()+0x20b) [0
x31458b]
2016-02-08T02:00:34.683 INFO:tasks.ceph.mds.a-s.mira064.stderr: 5: (Context::complete(int)+0x9) [0
x3205a9]
2016-02-08T02:00:34.683 INFO:tasks.ceph.mds.a-s.mira064.stderr: 6: (MDSRank::suicide()+0x18) [0x32
8868]
2016-02-08T02:00:34.683 INFO:tasks.ceph.mds.a-s.mira064.stderr: 7: (MDSRank::boot_start(MDSRank::B
ootStep, int)+0xf3c) [0x33b9bc]
2016-02-08T02:00:34.683 INFO:tasks.ceph.mds.a-s.mira064.stderr: 8: (MDSInternalContextBase::comple
te(int)+0x1db) [0x54f71b]
2016-02-08T02:00:34.684 INFO:tasks.ceph.mds.a-s.mira064.stderr: 9: (void finish_contexts<MDSIntern
alContextBase>(CephContext*, std::list<MDSInternalContextBase*, std::allocator<MDSInternalContextB
ase*> >&, int)+0x94) [0x3451c4]
2016-02-08T02:00:34.684 INFO:tasks.ceph.mds.a-s.mira064.stderr: 10: (MDLog::_replay_thread()+0x219
) [0x55dd89]
2016-02-08T02:00:34.684 INFO:tasks.ceph.mds.a-s.mira064.stderr: 11: (MDLog::ReplayThread::entry()+
0xd) [0x34403d]
2016-02-08T02:00:34.684 INFO:tasks.ceph.mds.a-s.mira064.stderr: 12: (()+0x8182) [0xa9d6182]
2016-02-08T02:00:34.685 INFO:tasks.ceph.mds.a-s.mira064.stderr: 13: (clone()+0x6d) [0xc4bc47d]
2016-02-08T02:00:34.685 INFO:tasks.ceph.mds.a-s.mira064.stderr: NOTE: a copy of the executable, or
`objdump -rds <executable>` is needed to interpret this.
2016-02-08T02:00:34.686 INFO:tasks.ceph.mds.a-s.mira064.stderr:2016-02-08 10:00:34.682640 18277700
-1 common/Thread.cc: In function 'int Thread::join(void**)' thread 18277700 time 2016-02-08 10:00
```

:34.589274

```
2016-02-08T02:00:34.686 INFO:tasks.ceph.mds.a-s.mira064.stderr:common/Thread.cc: 174: FAILED assert(status == 0)
```

This was in an integration branch, but I don't think any of the branches included had any impact on this bit.

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## Associated revisions

### Revision 03800546 - 02/11/2016 11:26 PM - Greg Farnum

mds: don't double-shutdown the timer when suiciding

Fixes: #14697

Signed-off-by: Greg Farnum <[gfarnum@redhat.com](mailto:gfarnum@redhat.com)>

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## History

### #1 - 02/09/2016 11:59 PM - Yuri Weinstein

- Related to Bug #14716: "Thread.cc: 143: FAILED assert(status == 0)" in fs-hammer---basic-smithi added

### #2 - 02/11/2016 11:38 PM - Greg Farnum

2016-02-08T02:00:34.587 INFO:tasks.ceph.mds.a-s.mira064.stderr:Thread::join(): pthread\_join failed with error 22

22 is EINVAL, which is returned if "The value specified by thread does not refer to a joinable thread." Looks like we call timer.shutdown() twice when suiciding — once directly, and once in MDSRankDispatcher::shutdown().

<https://github.com/ceph/ceph/pull/7616> (untested as yet)

### #3 - 02/11/2016 11:39 PM - Greg Farnum

- Status changed from New to Need Test

### #4 - 02/11/2016 11:39 PM - Greg Farnum

- Related to deleted (Bug #14716: "Thread.cc: 143: FAILED assert(status == 0)" in fs-hammer---basic-smithi)

### #5 - 02/12/2016 12:16 AM - Greg Farnum

- Assignee set to Greg Farnum

### #6 - 02/16/2016 04:35 AM - Greg Farnum

- Status changed from Need Test to Resolved

### #7 - 07/13/2016 05:54 AM - Greg Farnum

- Component(FS) MDS added