

## fs - Bug #36350

### mds: "src/mds/MDLog.cc: 281: FAILED ceph\_assert(!capped)" during max\_mds thrashing

10/08/2018 11:10 PM - Patrick Donnelly

<b>Status:</b>	Resolved	<b>Start date:</b>	10/08/2018
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Zheng Yan	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v14.0.0	<b>Affected Versions:</b>	
<b>Source:</b>	Q/A	<b>ceph-qa-suite:</b>	
<b>Tags:</b>		<b>Component(FS):</b>	MDS
<b>Backport:</b>	mimic,luminous	<b>Labels (FS):</b>	crash
<b>Regression:</b>	No	<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor		
<b>Reviewed:</b>			

#### Description

```
2018-10-06T23:06:23.135 INFO:tasks.ceph.mds.a.smithi023.stderr:/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/14.0.0-3907-g276c86e/rpm/el7/BUILD/ceph-14.0.0-3907-g276c86e/src/mds/MDLog.cc: In function 'void MDLog::_submit_entry(LogEvent*, MDSLogContextBase*)' thread 7f2734577700 time 2018-10-06 23:06:23.139488
2018-10-06T23:06:23.136 INFO:tasks.ceph.mds.a.smithi023.stderr:/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/14.0.0-3907-g276c86e/rpm/el7/BUILD/ceph-14.0.0-3907-g276c86e/src/mds/MDLog.cc: 281: FAILED ceph_assert(!capped)
2018-10-06T23:06:23.136 INFO:tasks.ceph.mds.a.smithi023.stderr: ceph version 14.0.0-3907-g276c86e (276c86e4890a25e5e74b3f30dbb94987ede03b5a) nautilus (dev)
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 1: (ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x153) [0x7f274142d829]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 2: (ceph::__ceph_assertf_fail(char const*, char const*, int, char const*, char const*, ...) +0) [0x7f274142d9f0]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 3: (MDLog::_submit_entry(LogEvent*, MDSLogContextBase*)+0x591) [0x557160cd6a31]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 4: (Locker::scatter_writebehind(ScatterLock*)+0x2b4) [0x557160bbb6b4]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 5: (Locker::simple_lock(SimpleLock*, bool*)+0x320) [0x557160bbcd30]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 6: (Locker::scatter_nudge(ScatterLock*, MDSInternalContextBase*, bool)+0x4a3) [0x557160bc03c3]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 7: (LogSegment::try_to_expire(MDSRank*, C_GatherBuilderBase<MDSInternalContextBase, MDSGather>&, int)+0x1232) [0x557160d39352]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 8: (MDLog::try_expire(LogSegment*, int)+0x66) [0x557160cd7636]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 9: (MDLog::trim(int)+0x80c) [0x557160cd830c]
2018-10-06T23:06:23.137 INFO:tasks.ceph.mds.a.smithi023.stderr: 10: (MDCache::shutdown_pass()+0x82d) [0x557160b6960d]
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: 11: (MDSRankDispatcher::tick()+0x2b8) [0x557160a4a068]
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: 12: (FunctionContext::finish(int)+0x2c) [0x557160a348ec]
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: 13: (Context::complete(int)+0x9) [0x557160a32789]
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: 14: (SafeTimer::timer_thread()+0x189) [0x7f27414ceae9]
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: 15: (SafeTimerThread::entry()+0xd) [0x7f27414d0ecd]
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2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: 16: (()+0x7dd5) [0x7f273f0b8dd5]
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: 17: (clone()+0x6d) [0x7f273dd6bb3d
]
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr:*** Caught signal (Aborted) **
2018-10-06T23:06:23.138 INFO:tasks.ceph.mds.a.smithi023.stderr: in thread 7f2734577700 thread_name
:safe_timer
```

From:  
/ceph/teuthology-archive/pdonnell-2018-10-06\_01:15:54-multimds-wip-pdonnell-testing-20181005.225845-distro-basic-smithi/3107275/teuthology.log

Core:  
/ceph/teuthology-archive/pdonnell-2018-10-06\_01:15:54-multimds-wip-pdonnell-testing-20181005.225845-distro-basic-smithi/3107275/remote/smithi023/coredump/1538867183.36265.core

Branch: <https://github.com/batrick/ceph/tree/wip-pdonnell-testing-20181005.225845>

**Related issues:**

Copied to fs - Backport #37092: luminous: mds: "src/mds/MDLog.cc: 281: FAILED...	<b>Resolved</b>
Copied to fs - Backport #37093: mimic: mds: "src/mds/MDLog.cc: 281: FAILED ce...	<b>Resolved</b>

**History**

**#1 - 10/09/2018 10:49 AM - Zheng Yan**

<https://github.com/ceph/ceph/pull/24490>

**#2 - 10/09/2018 10:50 AM - Zheng Yan**

- Status changed from New to Need Review

**#3 - 11/13/2018 09:04 PM - Patrick Donnelly**

- Status changed from Need Review to Pending Backport

- Assignee set to Zheng Yan

**#4 - 11/13/2018 09:18 PM - Nathan Cutler**

- Copied to Backport #37092: luminous: mds: "src/mds/MDLog.cc: 281: FAILED ceph\_assert(lcapped)" during max\_mds thrashing added

**#5 - 11/13/2018 09:18 PM - Nathan Cutler**

- Copied to Backport #37093: mimic: mds: "src/mds/MDLog.cc: 281: FAILED ceph\_assert(lcapped)" during max\_mds thrashing added

**#6 - 01/16/2019 02:22 PM - Patrick Donnelly**

- Status changed from Pending Backport to Resolved