

## RADOS - Bug #21250

os/bluestore/BlueFS.cc: 1255: FAILED assert(!log\_file->fnode.extents.empty())

09/05/2017 06:51 PM - Sage Weil

|  |           |                           |            |
|--|-----------|---------------------------|------------|
| <b>Status:</b>   | Resolved  | <b>Start date:</b>        | 09/05/2017 |
| <b>Priority:</b>   | High      | <b>Due date:</b>          |            |
| <b>Assignee:</b>   | Sage Weil | <b>% Done:</b>            | 0%         |
| <b>Category:</b>   |           | <b>Estimated time:</b>    | 0.00 hour  |
| <b>Target version:</b>   |           | <b>Spent time:</b>        | 0.00 hour  |
| <b>Source:</b>   |           | <b>Reviewed:</b>          |            |
| <b>Tags:</b>   |           | <b>Affected Versions:</b> |            |
| <b>Backport:</b>   | luminous  | <b>ceph-qa-suite:</b>     |            |
| <b>Regression:</b>   | No        | <b>Component(RADOS):</b>  |            |
| <b>Severity:</b>   | 3 - minor | <b>Pull request ID:</b>   |            |
| <b>Description</b>   |           |                           |            |
| <pre>0&gt; 2017-09-02 23:59:44.253608 7f1d05399700 -1 /build/ceph-13.0.0-338-gbf905f8/src/os/bluestore/BlueFS.cc: In function 'void BlueFS::_compact_log_async(std::unique_lock&lt;std::mutex&gt;&amp;)' thread 7f1d05399700 time 2017-09-02 23:59:44.248140 /build/ceph-13.0.0-338-gbf905f8/src/os/bluestore/BlueFS.cc: 1255: FAILED assert(!log_file-&gt;fnode.extents.empty())  ceph version 13.0.0-338-gbf905f8 (bf905f878cf6a2ef02738b2e36188c0039afb458) mimic (dev) 1: (ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x102) [0xdd7c35a2e2] 2: (BlueFS::_compact_log_async(std::unique_lock&lt;std::mutex&gt;&amp;)+0xd0e) [0xdd7c2e309e] 3: (BlueFS::sync_metadata()+0x4ee) [0xdd7c2e470e] 4: (BlueRocksDirectory::Fsync()+0xd) [0xdd7c2f1d8d] 5: (rocksdb::FlushJob::WriteLevel0Table()+0x1048) [0xdd7c7b6668] 6: (rocksdb::FlushJob::Run(rocksdb::FileMetaData*)+0xf3) [0xdd7c7b8653] 7: (rocksdb::DBImpl::FlushMemTableToOutputFile(rocksdb::ColumnFamilyData*, rocksdb::MutableCFOptions const&amp;, bool*, rocksdb::JobContext*, rocksdb::LogBuffer*)+0x513) [0xdd7c78abb3] 8: (rocksdb::DBImpl::BackgroundFlush(bool*, rocksdb::JobContext*, rocksdb::LogBuffer*)+0x47e) [0xdd7c78b76e] 9: (rocksdb::DBImpl::BackgroundCallFlush()+0x10b) [0xdd7c79060b] 10: (rocksdb::DBImpl::BGWorkFlush(void*)+0x82) [0xdd7c790b12] 11: (rocksdb::ThreadPoolImpl::Impl::BGThread(unsigned long)+0x24e) [0xdd7c80316e] 12: (rocksdb::ThreadPoolImpl::Impl::BGThreadWrapper(void*)+0x3d) [0xdd7c80334d] 13: (()+0xb8c80) [0x7f1d2a007c80] 14: (()+0x770a) [0x7f1d2a6f670a] 15: (clone()+0x6d) [0x7f1d2976d82d]</pre> |           |                           |            |
| <a href="#">/a/sage-2017-09-02_21:10:18-rados-wip-sage-testing-2017-09-02-1439-distro-basic-smithi/1591262</a>   |           |                           |            |
| <b>Related issues:</b>   |           |                           |            |
| Copied to RADOS - Backport #21276: luminous: os/bluestore/BlueFS.cc: 1255: FA...   |           | <b>Resolved</b>           |            |

## History

### #1 - 09/05/2017 06:53 PM - Sage Weil

looks like two concurrent threads trying to compact\_log\_async:

```
-268> 2017-09-02 23:59:44.246520 7f1d05399700 10 bluefs _compact_log_async
-267> 2017-09-02 23:59:44.246526 7f1d05399700 10 bluefs _compact_log_async old_log_jump_to 0x2800000 need 0x2c00000
...
-195> 2017-09-02 23:59:44.247389 7f1d1b3c5700 10 bluefs _compact_log_async
-194> 2017-09-02 23:59:44.247390 7f1d1b3c5700 10 bluefs _compact_log_async old_log_jump_to 0x2c00000 need 0x
```

**#2 - 09/05/2017 06:53 PM - Sage Weil**

- Backport set to luminous

**#3 - 09/05/2017 07:02 PM - Sage Weil**

- Status changed from Verified to Need Review

<https://github.com/ceph/ceph/pull/17503>

**#4 - 09/06/2017 08:52 PM - Sage Weil**

- Status changed from Need Review to Pending Backport

**#5 - 09/07/2017 07:35 AM - Nathan Cutler**

- Copied to Backport #21276: luminous: os/bluestore/BlueFS.cc: 1255: FAILED assert(!log\_file->inode.extents.empty()) added

**#6 - 09/08/2017 06:37 PM - Nathan Cutler**

- Status changed from Pending Backport to Resolved