

RADOS - Bug #39439

osd: segv in _preboot -> heartbeat

04/23/2019 06:01 PM - Sage Weil

Status:	Resolved	% Done:	0%
Priority:	High	Spent time:	0.00 hour
Assignee:			
Category:			
Target version:			
Source:		Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	nautilus, mimic, luminous	Component(RADOS):	
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature (v1):	
Reviewed:		Crash signature (v2):	

Description

```
(gdb) bt
#0 raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c:51
#1 0x000055dfa438c096 in reraise_fatal (signum=6) at ./src/global/signal_handler.cc:326
#2 handle_fatal_signal(int) () at ./src/global/signal_handler.cc:326
#3 <signal handler called>
#4 __GI_raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c:51
#5 0x00007ff1afb85801 in __GI_abort () at abort.c:79
#6 0x00007ff1afb7539a in __assert_fail_base (fmt=0x7ff1afcfc7d8 "%s%s: %u: %s%sAssertion `%s' failed.\n\n", assertion=assertion@entry=0x55dfa4a1d470 "px != 0", file=file@entry=0x55dfa4a1d470 "/build/ceph-15.0.0-573-gc3211a0/obj-x86_64-linux-gnu/boost/include/boost/smart_ptr/intrusive_ptr.hpp",
    line=line@entry=199, function=function@entry=0x55dfa4a28da0 <boost::intrusive_ptr<Connection>::operator->() const: __PRETTY_FUNCTION__> "T* boost::intrusive_ptr<T>::operator->() const [with T = Connection]") at assert.c:92
#7 0x00007ff1afb75412 in __GI___assert_fail (assertion=assertion@entry=0x55dfa4a1d470 "px != 0", file=file@entry=0x55dfa4a1d470 "/build/ceph-15.0.0-573-gc3211a0/obj-x86_64-linux-gnu/boost/include/boost/smart_ptr/intrusive_ptr.hpp", line=line@entry=199,
    function=function@entry=0x55dfa4a28da0 <boost::intrusive_ptr<Connection>::operator->() const: __PRETTY_FUNCTION__> "T* boost::intrusive_ptr<T>::operator->() const [with T = Connection]") at assert.c:101
#8 0x000055dfa3da1063 in boost::intrusive_ptr<Connection>::operator-> (this=<optimized out>) at ./obj-x86_64-linux-gnu/boost/include/boost/smart_ptr/intrusive_ptr.hpp:197
#9 0x000055dfa3ddf9b in boost::intrusive_ptr<Connection>::operator-> (this=0x55dfaf2f1e18) at ./src/log/Entry.h:35
#10 OSD::heartbeat () () at ./src/osd/OSD.cc:5266
#11 0x000055dfa3de05cf in OSD::_preboot(unsigned int, unsigned int) () at ./src/osd/OSD.cc:5864
#12 0x000055dfa3de0c3e in OSD::_got_mon_epochs(unsigned int, unsigned int) () at ./src/osd/OSD.cc:5853
#13 0x000055dfa3e10519 in Context::complete (this=0x55dfb2b5d360, r=<optimized out>) at ./src/include/Context.h:77
#14 0x000055dfa439d3ef in Finisher::finisher_thread_entry () () at ./src/common/Finisher.cc:67
#15 0x00007ff1b0ecb6db in start_thread (arg=0x7ff19adce700) at pthread_create.c:463
#16 0x00007ff1afc6688f in clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95
(gdb) f 10
#10 OSD::heartbeat () () at ./src/osd/OSD.cc:5266
5266     in ./src/osd/OSD.cc
(gdb) p i
$7 =
    {first = 2, second = {peer = 2, con_front = {px = 0x55dfb29d9200}, con_back = {px = 0x55dfb2d08480}, first_tx = {tv = {tv_sec = 1556037089, tv_nsec = 650117913}}, last_tx = {tv = {tv_sec = 1556037089, tv_nsec = 650117913}}, last_rx_front = {tv = {tv_sec = 0, tv_nsec = 0}}, last_rx_back = {
```

```
tv = {tv_sec = 0, tv_nsec = 0}}, epoch = 51, static HEARTBEAT_MAX_CONN = 2, ping_history = std::ma
p with 0 elements}}
```

when the code is

```
i->second.con_back->send_message(new MOSDPing(monc->get_fsid(),
    service.get_osdmap_epoch(),
    MOSDPing::PING, now,
    cct->_conf->osd_heartbeat_min_size));
```

Related issues:

Copied to RADOS - Backport #39513: mimic: osd: segv in _preboot -> heartbeat	Resolved
Copied to RADOS - Backport #39514: nautilus: osd: segv in _preboot -> heartbeat	Resolved
Copied to RADOS - Backport #39515: luminous: osd: segv in _preboot -> heartbeat	Rejected

History

#1 - 04/23/2019 06:04 PM - Sage Weil

- Status changed from 12 to Fix Under Review

<https://github.com/ceph/ceph/pull/27729>

#2 - 04/26/2019 06:23 PM - Sage Weil

- Status changed from Fix Under Review to Pending Backport

#3 - 04/29/2019 10:22 AM - Nathan Cutler

- Copied to Backport #39513: mimic: osd: segv in _preboot -> heartbeat added

#4 - 04/29/2019 10:22 AM - Nathan Cutler

- Copied to Backport #39514: nautilus: osd: segv in _preboot -> heartbeat added

#5 - 04/29/2019 10:22 AM - Nathan Cutler

- Copied to Backport #39515: luminous: osd: segv in _preboot -> heartbeat added

#6 - 01/27/2021 07:12 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".