

## mgr - Bug #48022

mgr/DaemonServer.cc: FAILED ceph\_assert(pending\_service\_map.epoch > service\_map.epoch)

10/27/2020 11:06 PM - Neha Ojha

<b>Status:</b>	Resolved	<b>% Done:</b>	0%
<b>Priority:</b>	Urgent	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>			
<b>Category:</b>			
<b>Target version:</b>			
<b>Source:</b>		<b>Affected Versions:</b>	
<b>Tags:</b>		<b>ceph-qa-suite:</b>	rados
<b>Backport:</b>	pacific	<b>Pull request ID:</b>	40219
<b>Regression:</b>	No	<b>Crash signature (v1):</b>	
<b>Severity:</b>	3 - minor	<b>Crash signature (v2):</b>	
<b>Reviewed:</b>			

### Description

```
2020-10-26T19:31:33.678 INFO:teuthology.orchestra.run.smithi120.stderr:2020-10-26T19:31:33.679+000
0 7f5b56d9e700 1 -- 172.21.15.120:0/2411503374 shutdown_connections
2020-10-26T19:31:33.679 INFO:teuthology.orchestra.run.smithi120.stderr:2020-10-26T19:31:33.679+000
0 7f5b56d9e700 1 -- 172.21.15.120:0/2411503374 wait complete.
2020-10-26T19:31:33.681 INFO:tasks.ceph.mgr.z.smithi105.stderr:/home/jenkins-build/build/workspace
/ceph-dev-new-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_
SIZE/gigantic/release/16.0.0-6666-g5af54f2e/rpm/el8/BUILD/ceph-16.0.0-6666-g5af54f2e/src/mgr/Daemo
nServer.cc: In function 'DaemonServer::got_service_map()::<lambda(const ServiceMap&)>' thread 7f1d
96de1700 time 2020-10-26T19:31:33.682982+0000
2020-10-26T19:31:33.681 INFO:tasks.ceph.mgr.z.smithi105.stderr:/home/jenkins-build/build/workspace
/ceph-dev-new-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_
SIZE/gigantic/release/16.0.0-6666-g5af54f2e/rpm/el8/BUILD/ceph-16.0.0-6666-g5af54f2e/src/mgr/Daemo
nServer.cc: 2816: FAILED ceph_assert(pending_service_map.epoch > service_map.epoch)
2020-10-26T19:31:33.682 INFO:tasks.ceph.mgr.z.smithi105.stderr: ceph version 16.0.0-6666-g5af54f2e
(5af54f2ebc54c8319e53a7e64fe7b4bdbbcd15bb) pacific (dev)
2020-10-26T19:31:33.682 INFO:tasks.ceph.mgr.z.smithi105.stderr: 1: (ceph::__ceph_assert_fail(char
const*, char const*, int, char const*)+0x158) [0x7f1da0acc274]
2020-10-26T19:31:33.682 INFO:tasks.ceph.mgr.z.smithi105.stderr: 2: /usr/lib64/ceph/libceph-common.
so.2(+0x27148e) [0x7f1da0acc48e]
2020-10-26T19:31:33.682 INFO:tasks.ceph.mgr.z.smithi105.stderr: 3: (DaemonServer::got_service_map(
)+0xb2d) [0x55c193bb051d]
2020-10-26T19:31:33.682 INFO:tasks.ceph.mgr.z.smithi105.stderr: 4: (Mgr::handle_service_map(boost:
:intrusive_ptr<MServiceMap>)+0x14b) [0x55c193bdfff7b]
2020-10-26T19:31:33.683 INFO:tasks.ceph.mgr.z.smithi105.stderr: 5: (Mgr::ms_dispatch2(boost::intru
sive_ptr<Message> const&)+0x2c7) [0x55c193be2117]
2020-10-26T19:31:33.683 INFO:tasks.ceph.mgr.z.smithi105.stderr: 6: (MgrStandby::ms_dispatch2(boost
::intrusive_ptr<Message> const&)+0xa5) [0x55c193beb2e5]
2020-10-26T19:31:33.683 INFO:tasks.ceph.mgr.z.smithi105.stderr: 7: (DispatchQueue::entry()+0x126a)
[0x7f1da0cf077a]
2020-10-26T19:31:33.683 INFO:tasks.ceph.mgr.z.smithi105.stderr: 8: (DispatchQueue::DispatchThread:
:entry()+0x11) [0x7f1da0da0291]
2020-10-26T19:31:33.683 INFO:tasks.ceph.mgr.z.smithi105.stderr: 9: /lib64/libpthread.so.0(+0x82de)
[0x7f1d9ef592de]
2020-10-26T19:31:33.684 INFO:tasks.ceph.mgr.z.smithi105.stderr: 10: clone()
```

<https://jenkins.ceph.com/blue/organizations/jenkins/ceph-api-nightly-octopus-backend/detail/ceph-api-nightly-octopus-backend/233/pipeline>  
/a/yuriw-2020-10-26\_17:47:19-rados-wip-yuri-testing-2020-10-26-0817-distro-basic-smithi/5562236

**Related issues:**

Duplicated by mgr - Bug #49255: src/mgr/DaemonServer.cc: FAILED ceph_assert(p...	<b>Duplicate</b>
Duplicated by mgr - Bug #49476: DaemonServer.cc: 2827: FAILED ceph_assert(pen...	<b>Duplicate</b>
Copied to mgr - Backport #49908: pacific: mgr/DaemonServer.cc: FAILED ceph_as...	<b>Resolved</b>

**History****#1 - 02/12/2021 10:14 PM - Neha Ojha**

- Duplicated by Bug #49255: src/mgr/DaemonServer.cc: FAILED ceph\_assert(pending\_service\_map.epoch > service\_map.epoch) added

**#2 - 02/12/2021 10:14 PM - Neha Ojha**

- Priority changed from Normal to High

**#3 - 03/05/2021 11:46 PM - Neha Ojha**

- Duplicated by Bug #49476: DaemonServer.cc: 2827: FAILED ceph\_assert(pending\_service\_map.epoch > service\_map.epoch) added

**#4 - 03/17/2021 07:00 PM - Neha Ojha**

- Priority changed from High to Urgent

```
nojha@reesi001:~$ sudo ceph crash info 2021-03-15T17:01:04.327050Z_07ce30e5-460a-4a7a-9eff-70902f36f327
{
  "assert_condition": "pending_service_map.epoch > service_map.epoch",
  "assert_file": "/home/jenkins-build/build/workspace/ceph-dev-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_SIZE/gigantic/release/16.1.0-736-g8191ac78/rpm/el8/BUILD/ceph-16.1.0-736-g8191ac78/src/mgr/DaemonServer.cc",
  "assert_func": "DaemonServer::got_service_map()::<lambda(const ServiceMap&)>",
  "assert_line": 2924,
  "assert_msg": "/home/jenkins-build/build/workspace/ceph-dev-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_SIZE/gigantic/release/16.1.0-736-g8191ac78/rpm/el8/BUILD/ceph-16.1.0-736-g8191ac78/src/mgr/DaemonServer.cc: In function 'DaemonServer::got_service_map()::<lambda(const ServiceMap&)>' thread 7f6f979a0700 time 2021-03-15T17:01:04.322742+0000\n/home/jenkins-build/build/workspace/ceph-dev-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_SIZE/gigantic/release/16.1.0-736-g8191ac78/rpm/el8/BUILD/ceph-16.1.0-736-g8191ac78/src/mgr/DaemonServer.cc: 2924: FAILED ceph_assert(pending_service_map.epoch > service_map.epoch)\n",
  "assert_thread_name": "ms_dispatch",
  "backtrace": [
    "/lib64/libpthread.so.0(+0x12b20) [0x7f6f9fdb2b20]",
    "gsignal()",
    "abort()",
    "(ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x1a9) [0x7f6fa11c738b]",
    "/usr/lib64/ceph/libceph-common.so.2(+0x276554) [0x7f6fa11c7554]",
    "(DaemonServer::got_service_map()+0xb2d) [0x555f7b3c730d]",
    "(Mgr::handle_service_map(boost::intrusive_ptr<MServiceMap>)+0x14b) [0x555f7b3f5b7b]",
    "(Mgr::ms_dispatch2(boost::intrusive_ptr<Message> const&)+0x884) [0x555f7b3f8764]",
    "(MgrStandby::ms_dispatch2(boost::intrusive_ptr<Message> const&)+0xa5) [0x555f7b401d25]",
    "(DispatchQueue::entry()+0x126a) [0x7f6fa13ff52a]",
    "(DispatchQueue::DispatchThread::entry()+0x11) [0x7f6fa14ada41]",
    "/lib64/libpthread.so.0(+0x814a) [0x7f6f9fda814a]",
    "clone()"
  ],
  "ceph_version": "16.1.0-736-g8191ac78",
  "crash_id": "2021-03-15T17:01:04.327050Z_07ce30e5-460a-4a7a-9eff-70902f36f327",
  "entity_name": "mgr.reesi004.tplfvt",
  "os_id": "centos",
  "os_name": "CentOS Linux",
  "os_version": "8",
  "os_version_id": "8",
  "process_name": "ceph-mgr",
  "stack_sig": "aa3ccd51d5334df9e1e6472bc9c51691650124acbe5d28d1759e0f9c13c079e",
  "timestamp": "2021-03-15T17:01:04.327050Z",
  "utsname_hostname": "reesi004",
  "utsname_machine": "x86_64",
  "utsname_release": "5.4.0-66-generic",
  "utsname_sysname": "Linux",
  "utsname_version": "#74~18.04.2-Ubuntu SMP Fri Feb 5 11:17:31 UTC 2021"
}
```

**#5 - 03/17/2021 09:09 PM - Neha Ojha**

this is related to <https://github.com/ceph/ceph/pull/36964/commits/b9edfbd55f897ebaaad56dc67c15887f57ab61ad>

**#6 - 03/18/2021 10:32 AM - Mykola Golub**

- Status changed from New to In Progress
- Assignee set to Mykola Golub

**#7 - 03/18/2021 10:34 AM - Mykola Golub**

Neha, do you know any new enough case on the teuthology so I could look at the mgr and mon logs?

**#8 - 03/18/2021 02:42 PM - Neha Ojha**

Mykola Golub wrote:

Neha, do you know any new enough case on the teuthology so I could look at the mgr and mon logs?

<https://tracker.ceph.com/issues/49255> is the most recent failure from teuthology I have seen, but it does not have logs because the job died. I have not been able to find logs for any of these yet.

**#9 - 03/18/2021 04:46 PM - Sage Weil**

- Status changed from In Progress to Fix Under Review
- Assignee deleted (Mykola Golub)
- Pull request ID set to 40219

**#10 - 03/18/2021 04:46 PM - Sage Weil**

- Backport set to pacific

**#11 - 03/20/2021 01:17 PM - Sage Weil**

- Status changed from Fix Under Review to Pending Backport

**#12 - 03/20/2021 01:20 PM - Backport Bot**

- Copied to Backport #49908: pacific: mgr/DaemonServer.cc: FAILED ceph\_assert(pending\_service\_map.epoch > service\_map.epoch) added

**#13 - 04/02/2021 07:09 AM - Loïc Dachary**

- 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".

**#14 - 04/23/2021 09:43 AM - Wout van Heeswijk**

We are experiencing the same crash reports on Octopus 15.2.8. I've not found a backport issue for this issue to Octopus. Can and should this also be backported to Octopus?

Our crash report:

```
{
```

```

    "archived": "2021-04-22 07:53:13.871413",
    "assert_condition": "pending_service_map.epoch > service_map.epoch",
    "assert_file": "/home/jenkins-build/build/workspace/ceph-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_SIZE/gigantic/release/15.2.8/rpm/el8/BUILD/ceph-15.2.8/src/mgr/DaemonServer.cc",
    "assert_func": "DaemonServer::got_service_map()::<lambda(const ServiceMap&)>",
    "assert_line": 2796,
    "assert_msg": "/home/jenkins-build/build/workspace/ceph-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_SIZE/gigantic/release/15.2.8/rpm/el8/BUILD/ceph-15.2.8/src/mgr/DaemonServer.cc: In function 'DaemonServer::got_service_map()::<lambda(const ServiceMap&)>' thread 7fe68dfc8700 time 2021-04-22T08:12:49.479400+0200\n/home/jenkins-build/build/workspace/ceph-build/ARCH/x86_64/AVAILABLE_ARCH/x86_64/AVAILABLE_DIST/centos8/DIST/centos8/MACHINE_SIZE/gigantic/release/15.2.8/rpm/el8/BUILD/ceph-15.2.8/src/mgr/DaemonServer.cc: 2796: FAILED ceph_assert(pending_service_map.epoch > service_map.epoch)\n",
    "assert_thread_name": "ms_dispatch",
    "backtrace": [
      "((()+0x12b20) [0x7fe69d76bb20]",
      "(gsignal()+0x10f) [0x7fe69c1bc7ff]",
      "(abort()+0x127) [0x7fe69c1a6c35]",
      "(ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x1a9) [0x7fe69f2ca735]",
      "((()+0x27a8fe) [0x7fe69f2ca8fe]",
      "(DaemonServer::got_service_map()+0x9b5) [0x560a272d3d95]",
      "(Mgr::handle_service_map(boost::intrusive_ptr<MServiceMap>)+0x14b) [0x560a2730cb6b]",
      "(Mgr::ms_dispatch2(boost::intrusive_ptr<Message> const&)+0x2c7) [0x560a2730ebf7]",
      "(MgrStandby::ms_dispatch2(boost::intrusive_ptr<Message> const&)+0xb0) [0x560a27317ba0]",
      "(DispatchQueue::entry()+0x126a) [0x7fe69f4e909a]",
      "(DispatchQueue::DispatchThread::entry()+0x11) [0x7fe69f58b8a1]",
      "((()+0x814a) [0x7fe69d76114a]",
      "(clone()+0x43) [0x7fe69c281f23]"
    ],
    "ceph_version": "15.2.8",
    "crash_id": "2021-04-22T06:12:49.482382Z_c23cd42f-1c72-4598-a909-6519f6fcb842",
    "entity_name": "mgr.alpha",
    "os_id": "centos",
    "os_name": "CentOS Linux",
    "os_version": "8",
    "os_version_id": "8",
    "process_name": "ceph-mgr",
    "stack_sig": "86ab3a48e25206c884ac52034d1562c68826296d4fcbe7ceff0b9d8b9b4a56a1",
    "timestamp": "2021-04-22T06:12:49.482382Z",
    "utsname_hostname": "alpha",
    "utsname_machine": "x86_64",
    "utsname_release": "4.18.0-240.10.1.el8_3.x86_64",
    "utsname_sysname": "Linux",
    "utsname_version": "#1 SMP Mon Jan 18 17:05:51 UTC 2021"
  }
}

```

#15 - 06/07/2021 06:19 AM - Yongsoek Oh

```
{
  "os_version_id": "7",
  "assert_condition": "pending_service_map.epoch > service_map.epoch",
  "utsname_release": "3.10.0-1062.18.1.el7.x86_64",
  "os_name": "CentOS Linux",
  "entity_name": "mgr.LNVFSMDS1502",
  "assert_file": "/builddir/build/BUILD/ceph-14.2.16/src/mgr/DaemonServer.cc",
  "timestamp": "2021-06-05 06:07:23.855365Z",
  "process_name": "ceph-mgr",
  "utsname_machine": "x86_64",
  "assert_line": 2795,
  "utsname_sysname": "Linux",
  "os_version": "7 (Core)",
  "os_id": "centos",
  "assert_thread_name": "ms_dispatch",
  "utsname_version": "#1 SMP Tue Mar 17 23:49:17 UTC 2020",
  "backtrace": [
    "(()+0xc4c7aa) [0x55df1e00e7aa]",
    "(()+0xf5f0) [0x7f6435c3e5f0]",
    "(gsignal()+0x37) [0x7f643481c337]",
    "(abort()+0x148) [0x7f643481da28]",
    "(ceph::__ceph_assert_fail(char const*, char const*, int, char const*)+0x379) [0x7f6439394709]",
    "(()+0x12a17bc) [0x7f64393947bc]",
    "(()+0x9a179c) [0x55df1dd6379c]",
    "(()+0x9a470a) [0x55df1dd6670a]",
    "(DaemonServer::got_service_map()+0x6a) [0x55df1dd63888]",
    "(Mgr::handle_service_map(MServiceMap*)+0x140) [0x55df1ddb83fe]",
    "(Mgr::ms_dispatch(Message*)+0x3e8) [0x55df1ddb8aa8]",
    "(MgrStandby::ms_dispatch(Message*)+0x20a) [0x55df1ddcfd2]",
    "(Dispatcher::ms_dispatch2(boost::intrusive_ptr<Message> const&)+0x5c) [0x55df1dd6d090]",
    "(Messenger::ms_deliver_dispatch(boost::intrusive_ptr<Message> const&)+0xe9) [0x7f643955ff99]",
    "(DispatchQueue::entry()+0x5ec) [0x7f643955eb3a]",
    "(DispatchQueue::DispatchThread::entry()+0x1c) [0x7f64396c9366]",
    "(Thread::entry_wrapper()+0x78) [0x7f6439337228]",
    "(Thread::_entry_func(void*)+0x18) [0x7f64393371a6]",
    "(()+0x7e65) [0x7f6435c36e65]",
    "(clone()+0x6d) [0x7f64348e488d]"
  ],
  "utsname_hostname": "MDS002",
  "assert_msg": "/builddir/build/BUILD/ceph-14.2.16/src/mgr/DaemonServer.cc: In function 'DaemonServer::got_service_map():<lambda(const ServiceMap&)>' thread 7f642d0e7700 time 2021-06-05 15:07:23.828349\n/builddir/build/BUILD/ceph-14.2.16/src/mgr/DaemonServer.cc: 2795: FAILED ceph_assert(pending_service_map.epoch > service_map.epoch)\n",
  "crash_id": "2021-06-05_06:07:23.855365Z_badf1c8e-7978-4fb1-92a2-82b2137dbde0",
  "assert_func": "DaemonServer::got_service_map():<lambda(const ServiceMap&)>",
  "ceph_version": "14.2.16"
}
```

#16 - 06/07/2021 06:29 AM - Yongsoek Oh

Can I edit or remove the above message written by me?