Messengers - Bug #38493

msg/async: connection race + winner fault can leave connection stuck at replacing forever

02/27/2019 06:49 AM - xie xingguo

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>xie xingguo</td>
</tr>
<tr>
<td>Category:</td>
<td>AsyncMessenger</td>
</tr>
<tr>
<td>Target version:</td>
<td>v14.0.0</td>
</tr>
<tr>
<td>Source:</td>
<td>Community (dev)</td>
</tr>
<tr>
<td>Backport:</td>
<td>luminous,mimic,nautilus</td>
</tr>
<tr>
<td>Regression:</td>
<td>No</td>
</tr>
<tr>
<td>Severity:</td>
<td>3 - minor</td>
</tr>
<tr>
<td>Reviewed:</td>
<td></td>
</tr>
<tr>
<td>Affected Versions:</td>
<td>v12.2.10</td>
</tr>
<tr>
<td>ceph-qa-suite:</td>
<td></td>
</tr>
<tr>
<td>Pull request ID:</td>
<td></td>
</tr>
<tr>
<td>Crash signature (v1):</td>
<td></td>
</tr>
<tr>
<td>Crash signature (v2):</td>
<td></td>
</tr>
<tr>
<td>Regression:</td>
<td>No</td>
</tr>
<tr>
<td>Crash signature (v1):</td>
<td></td>
</tr>
<tr>
<td>Crash signature (v2):</td>
<td></td>
</tr>
</tbody>
</table>

Description

2019-02-02 09:31:03.402291 7f5f4935e700 20 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0
l=0)._process_connection accept got peer connect_seq 55 global_seq 29026144

2019-02-02 09:31:03.402085 7f5f4935e700 10 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0
l=0).handle_connect_msg accept my proto 13, their proto 13

2019-02-02 09:31:03.402090 7f5f4935e700 10 mon.host-192-168-7-118@0(electing) e1 ms_verify_authorizer 100.100.7.122:6789/0
mon protocol 2

2019-02-02 09:31:03.402124 7f5f4935e700 10 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0
l=0).handle_connect_msg accept my proto 13, their proto 13

2019-02-02 09:31:03.402131 7f5f4935e700 1 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0
l=0).handle_connect_msg accept setting up session_security.

2019-02-02 09:31:03.402144 7f5f4935e700 10 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0
l=0).handle_connect_msg accept setting up session_security.

2019-02-02 09:31:03.402278 7f5f4935e700 10 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0
l=0).handle_connect_msg accept of host_type 1, policy.lossy=0 policy.server=0 policy.standby=1 policy.resetcheck=1

2019-02-02 09:31:03.402303 7f5f4935e700 10 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0
l=0).handle_connect_msg setting up session_security.

06/06/2021
2019-02-02 09:31:03.402349 7f5f4935e700 1 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789 s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0 l=0).handle_connect_msg existing racing replace happened while replacing.

2019-02-02 09:31:03.402363 7f5f4935e700 10 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789 s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0 l=0)._try_send sent bytes 62 remaining bytes 0

2019-02-02 09:31:03.402378 7f5f4935e700 20 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789 s=STATE_ACCEPTING_WAIT_CONNECT_MSG AUTH pgs=0 cs=0 l=0)._process_connection accept of host_type 1, policy.lossy=0 policy.server=0 policy.standby=1 policy.resetcheck=1

Related issues:

Copied to Messengers - Backport #39241: nautilus: msg/async: connection race ... Resolved
Copied to Messengers - Backport #39242: mimic: msg/async: connection race + w... Rejected
Copied to Messengers - Backport #39243: luminous: msg/async: connection race ... Resolved

History

#1 - 03/04/2019 10:10 PM - Greg Farnum
Hmm, I thought Sage just fixed this bug, what's the exact sha1?

#2 - 03/06/2019 02:23 AM - xie xingguo
Greg Farnum wrote:

Hmm, I thought Sage just fixed this bug, what's the exact sha1?

You mean http://tracker.ceph.com/issues/37779, right? Sadly it is not the same issue :-(

#3 - 03/12/2019 11:12 PM - Greg Farnum
- Project changed from Ceph to Messengers
- Category deleted (msgr)

#4 - 03/12/2019 11:26 PM - Greg Farnum
- Category set to AsyncMessenger

#5 - 04/11/2019 06:05 AM - xie xingguo
- Status changed from New to Pending Backport
- Backport set to luminous,mimic,nautilus

https://github.com/ceph/ceph/pull/27337
#6 - 04/11/2019 11:07 AM - Nathan Cutler
- Copied to Backport #39241: nautilus: msg/async: connection race + winner fault can leave connection stuck at replacing forever added

#7 - 04/11/2019 11:07 AM - Nathan Cutler
- Copied to Backport #39242: mimic: msg/async: connection race + winner fault can leave connection stuck at replacing forever added

#8 - 04/11/2019 11:07 AM - Nathan Cutler
- Copied to Backport #39243: luminous: msg/async: connection race + winner fault can leave connection stuck at replacing forever added

#9 - 01/27/2021 08:08 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".