

Messengers - Bug #38493

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

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

Status:	Resolved	% Done:	0%
Priority:	Normal		
Assignee:	xie xingguo		
Category:	AsyncMessenger		
Target version:	v14.0.0		
Source:	Community (dev)	Affected Versions:	v12.2.10
Tags:		ceph-qa-suite:	
Backport:	luminous,mimic,nautilus	Pull request ID:	
Regression:	No	Crash signature (v1):	
Severity:	3 - minor	Crash signature (v2):	
Reviewed:			

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 setting up session_security.
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 existing racing replace happened while replacing.
existing_state=STATE_ACCEPTING_WAIT_CONNECT_MSG
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)._try_send sent bytes 62 remaining bytes 0
2019-02-02 09:31:03.402154 7f5f4935e700 20 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG pgs=0 cs=0 l=0)
.process prev state is STATE_ACCEPTING_WAIT_CONNECT_MSG_AUTH
2019-02-02 09:31:03.402278 7f5f4935e700 20 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG pgs=0 cs=0 l=0)
.process prev state is STATE_ACCEPTING_WAIT_CONNECT_MSG
2019-02-02 09:31:03.402286 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 prev state is STATE_ACCEPTING_WAIT_CONNECT_MSG
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 09:31:03.402298 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)._process_connection 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 accept my proto 13, their proto 13
2019-02-02 09:31:03.402308 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 09:31:03.402342 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 09:31:03.402349 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.
existing_state=STATE_ACCEPTING_WAIT_CONNECT_MSG
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 pgs=0 cs=0 l=0)
.process prev state is STATE_ACCEPTING_WAIT_CONNECT_MSG_AUTH
2019-02-02 09:31:03.402503 7f5f4935e700 20 -- 100.100.7.118:6789/0 >> 100.100.7.122:6789/0 conn(0x55ec02821000 :6789
s=STATE_ACCEPTING_WAIT_CONNECT_MSG pgs=0 cs=0 l=0)
.process prev state is STATE_ACCEPTING_WAIT_CONNECT_MSG
2019-02-02 09:31:03.402515 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 prev state is STATE_ACCEPTING_WAIT_CONNECT_MSG
2019-02-02 09:31:03.402522 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 29026145
2019-02-02 09:31:03.402527 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)._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 (msg)

#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".