

CephFS - Bug #49309

nautilus: qa: "Assertion `cb_done' failed."

02/16/2021 04:57 PM - Patrick Donnelly

Status:	Pending Backport	% Done:	0%
Priority:	Normal		
Assignee:	Jeff Layton		
Category:			
Target version:	v17.0.0		
Source:	Q/A	ceph-qa-suite:	
Tags:		Component(FS):	qa-suite
Backport:	pacific,octopus,nautilus	Labels (FS):	qa, qa-failure
Regression:	No	Pull request ID:	39498
Severity:	3 - minor	Crash signature (v1):	
Reviewed:		Crash signature (v2):	
Affected Versions:			

Description

```
2021-02-16T04:57:21.926 INFO:teuthology.orchestra.run.gibba006.stdout:waiting for crash
2021-02-16T04:57:21.930 DEBUG:teuthology.orchestra.run.gibba006:> sudo TESTDIR=/home/ubuntu/cephtest bash -c ceph_test_ino_release_cb
2021-02-16T04:57:23.880 INFO:teuthology.orchestra.run.gibba006.stderr:ceph_test_ino_release_cb: /build/ceph-14.2.16-310-gca4a449b/src/test/fs/test_ino_release_cb.cc:75: int main(int, char**): Assertion `cb_done' failed.
2021-02-16T04:57:23.881 DEBUG:teuthology.orchestra.run:got remote process result: None
2021-02-16T04:57:23.881 ERROR:teuthology.run_tasks:Saw exception from tasks.
Traceback (most recent call last):
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/run_tasks.py", line 91, in run_tasks
    manager = run_one_task(taskname, ctx=ctx, config=config)
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/run_tasks.py", line 70, in run_one_task
    return task(**kwargs)
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/task/exec.py", line 54, in task
    c],
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/orchestra/remote.py", line 215, in run
    r = self._runner(client=self.ssh, name=self.shortname, **kwargs)
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/orchestra/run.py", line 455, in run
    r.wait()
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/orchestra/run.py", line 161, in wait
    self._raise_for_status()
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/orchestra/run.py", line 179, in _raise_for_status
    raise CommandCrashedError(command=self.command)
teuthology.exceptions.CommandCrashedError: Command crashed: 'sudo TESTDIR=/home/ubuntu/cephtest bash -c ceph_test_ino_release_cb'
2021-02-16T04:57:24.245 ERROR:teuthology.run_tasks: Sentry event: https://sentry.ceph.com/organizations/ceph/?query=443652519d1c46858c89099e3ff59ef0
Traceback (most recent call last):
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/run_tasks.py", line 91, in run_tasks
    manager = run_one_task(taskname, ctx=ctx, config=config)
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76/teuthology/run_tasks.py", line 70, in run_one_task
```

```
return task(**kwargs)
File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76
/teuthology/task/exec.py", line 54, in task
    c],
File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76
/teuthology/orchestra/remote.py", line 215, in run
    r = self._runner(client=self.ssh, name=self.shortname, **kwargs)
File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76
/teuthology/orchestra/run.py", line 455, in run
    r.wait()
File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76
/teuthology/orchestra/run.py", line 161, in wait
    self._raise_for_status()
File "/home/teuthworker/src/git.ceph.com_git_teuthology_64d5f18051c2fa3ad001b1c48f945134f60a8f76
/teuthology/orchestra/run.py", line 179, in _raise_for_status
    raise CommandCrashedError(command=self.command)
teuthology.exceptions.CommandCrashedError: Command crashed: 'sudo TESTDIR=/home/ubuntu/ceph-test ba
sh -c ceph_test_ino_release_cb'
```

From:
/ceph/teuthology-archive/yuriw-2021-02-15_21:26:29-fs-wip-yuri5-testing-2021-02-15-1156-nautilus-distro-basic-gibba/5885477/teuthology.log

Looking at the test, I'm wondering if this may be caused by `cb_done` being a volatile variable rather than atomic.

Related issues:

Copied to CephFS - Backport #49473: nautilus: nautilus: qa: "Assertion `cb_do...	In Progress
Copied to CephFS - Backport #49474: pacific: nautilus: qa: "Assertion `cb_don...	Resolved
Copied to CephFS - Backport #49475: octopus: nautilus: qa: "Assertion `cb_don...	In Progress
Copied to CephFS - Bug #49500: qa: "Assertion `cb_done' failed."	Pending Backport

History

#1 - 02/16/2021 05:29 PM - Jeff Layton

Could be. It wouldn't hurt to rework that with atomics and see whether it's reproducible. I'll do that and put up a PR.

The other possibility is that it just never got a callback for some reason, but let's rule out the volatile/atomic thing first.

#2 - 02/25/2021 03:11 AM - Patrick Donnelly

- Status changed from New to Pending Backport

Hoping that simple fix is all what's needed...

#3 - 02/25/2021 03:15 AM - Backport Bot

- Copied to Backport #49473: nautilus: nautilus: qa: "Assertion `cb_done' failed." added

#4 - 02/25/2021 03:15 AM - Backport Bot

- Copied to Backport #49474: pacific: nautilus: qa: "Assertion `cb_done' failed." added

#5 - 02/25/2021 03:15 AM - Backport Bot

- Copied to Backport #49475: octopus: nautilus: qa: "Assertion `cb_done' failed." added

#6 - 02/25/2021 10:17 PM - Patrick Donnelly

- Copied to Bug #49500: qa: "Assertion `cb_done' failed." added

#7 - 02/25/2021 10:18 PM - Patrick Donnelly

This is still alive: [#49500](#)

Cloned this ticket so that the good fix, which didn't help, will still get backported normally.

#8 - 03/12/2021 09:05 PM - Patrick Donnelly

- Pull request ID set to 39498