

CephFS - Bug #38723

qa: tolerate longer heartbeat timeouts when using valgrind

03/13/2019 04:11 PM - Patrick Donnelly

Status:	Resolved	% Done:	0%
Priority:	Urgent		
Assignee:	Patrick Donnelly		
Category:			
Target version:	v14.0.0		
Source:	Q/A	ceph-qa-suite:	
Tags:		Component(FS):	qa-suite
Backport:	mimic,luminous	Labels (FS):	qa
Regression:	No	Pull request ID:	26935
Severity:	4 - irritation	Crash signature (v1):	
Reviewed:		Crash signature (v2):	
Affected Versions:			

Description

```
2019-03-07 18:32:29.701 1825f700 14 mds.3.cache remove_inode [inode 0x10000001614 [2,head] #100000
01614 rep@-2.1 v74 s=1614 n(v0 rc2019-03-07 17:54:24.569258 b1614 l=1+0) (iversion lock) 0x24d9c3d
0]
2019-03-07 18:32:29.702 1825f700 12 mds.3.cache sending expire to mds.0 on [dentry #0x1/client.1
/tmp/fsstress/ltp-full-20091231/testcases/open_posix_testsuite/conformance/interfaces/pthread_cond
_timedwait/assertions.xml [2,head] rep@0,-2.1 NULL (dversion lock) v=74 ino=(nil) state=0 0x24d9bb
10]
2019-03-07 18:32:29.702 1825f700 12 mds.3.cache.dir(0x1000000160a) remove_dentry [dentry #0x1/clie
nt.1/tmp/fsstress/ltp-full-20091231/testcases/open_posix_testsuite/conformance/interfaces/pthread_
cond_timedwait/assertions.xml [2,head] rep@0,-2.1 NULL (dversion lock) v=74 ino=(nil) state=0 0x24
d9bb10]
2019-03-07 18:32:29.702 1825f700 12 mds.3.cache.trim_dentry [dentry #0x1/client.1/tmp/fsstress/ltp
-full-20091231/testcases/open_posix_testsuite/conformance/interfaces/pthread_cond_timedwait/testfr
mw.c [2,head] rep@0,-2.1 (dversion lock) v=86 ino=0x1000000160e state=0 0x24d9a900]
2019-03-07 18:32:29.702 1825f700 12 mds.3.cache in container [dir 0x1 / [2,head] rep@0.1 REP dir_
auth=0 state=0 f(v0 m2019-03-07 17:31:14.606574 2=0+2) n(v9 rc2019-03-07 17:33:56.417465 b23823976
602=564+38)/n(v9 rc2019-03-07 17:33:51.382940 b23754428 580=544+36) hs=2+0,ss=0+0 | dnwaiter=0 ch
ild=1 subtree=1 0x1fc3f880]
2019-03-07 18:32:29.702 1b265700 1 heartbeat_map is_healthy 'MDSRank' had timed out after 15
2019-03-07 18:32:29.702 1b265700 0 mds.beacon.h Skipping beacon heartbeat to monitors (last acked
14.7606s ago); MDS internal heartbeat is not healthy!
2019-03-07 18:32:29.702 1b265700 20 mds.beacon.h sender thread waiting interval 0.5s
...
2019-03-07 18:32:32.556 1825f700 5 mds.3.14 laggy, deferring lock(a=mix inest 0x10000001ab2.head
) v1
2019-03-07 18:32:32.556 1825f700 1 -- [v2:172.21.15.83:6838/728624274,v1:172.21.15.83:6839/728624
274] <== mds.0 v2:172.21.15.83:6834/1096272366 7868 ==== lock(a=mix inest 0x10000001aad.head) v1 =
=== 69+0+0 (crc 0 0 0) 0x1ee7b6a0 con 0x1eeafd50
2019-03-07 18:32:32.556 1825f700 5 mds.3.14 laggy, deferring lock(a=mix inest 0x10000001aad.head
) v1
2019-03-07 18:32:32.556 1825f700 1 -- [v2:172.21.15.83:6838/728624274,v1:172.21.15.83:6839/728624
274] <== mds.0 v2:172.21.15.83:6834/1096272366 7869 ==== lock(a=mix inest 0x10000001ab0.head) v1 =
=== 69+0+0 (crc 0 0 0) 0x1f50a650 con 0x1eeafd50
2019-03-07 18:32:32.556 1825f700 5 mds.3.14 laggy, deferring lock(a=mix inest 0x10000001ab0.head
) v1
2019-03-07 18:32:32.528 15259700 1 -- [v2:172.21.15.83:6838/728624274,v1:172.21.15.83:6839/728624
274] <== mon.1 v2:172.21.15.83:3300/0 279 ==== mdsbeacon(4337/h up:active seq 930 v380) v7 ==== 12
6+0+0 (crc 0 0 0) 0x122c2590 con 0x245e7800
2019-03-07 18:32:32.568 15259700 5 mds.beacon.h received beacon reply up:active seq 930 rtt 0.358
991
```

2019-03-07 18:32:32.569 15259700 0 mds.beacon.h MDS is no longer laggy

From:
/ceph/teuthology-archive/pdonnell-2019-03-07_15:13:09-multimds-wip-pdonnell-testing-20190307.041917-distro-basic-smithi/3679075/remote/smithi083/log/ceph-mds.h.log.gz

This isn't causing a failure but the spurious "no longer laggy" message is making it harder to debug [#36540](#).

Related issues:

Copied to CephFS - Backport #38734: mimic: qa: tolerate longer heartbeat time... **Resolved**

Copied to CephFS - Backport #38735: luminous: qa: tolerate longer heartbeat t... **Resolved**

History**#1 - 03/13/2019 04:20 PM - Patrick Donnelly**

- Status changed from *In Progress* to *Fix Under Review*
- Pull request ID set to 26935

#2 - 03/14/2019 03:51 AM - Patrick Donnelly

- Status changed from *Fix Under Review* to *Pending Backport*

#3 - 03/14/2019 09:06 AM - Nathan Cutler

- Copied to Backport #38734: mimic: qa: tolerate longer heartbeat timeouts when using valgrind added

#4 - 03/14/2019 09:06 AM - Nathan Cutler

- Copied to Backport #38735: luminous: qa: tolerate longer heartbeat timeouts when using valgrind added

#5 - 05/01/2019 09:26 AM - Nathan Cutler

- Status changed from *Pending Backport* to *Resolved*