

## CephFS - Bug #38270

### kcephfs TestClientLimits.test\_client\_pin fails with "client caps fell below min"

02/12/2019 01:14 PM - Venky Shankar

<b>Status:</b>	Resolved	<b>% Done:</b>	0%
<b>Priority:</b>	Normal		
<b>Assignee:</b>	Zheng Yan		
<b>Category:</b>	Testing		
<b>Target version:</b>	v14.0.0		
<b>Source:</b>	Community (dev)	<b>ceph-qa-suite:</b>	
<b>Tags:</b>		<b>Component(FS):</b>	kceph, qa-suite
<b>Backport:</b>	mimic,luminous	<b>Labels (FS):</b>	qa
<b>Regression:</b>	No	<b>Pull request ID:</b>	26818
<b>Severity:</b>	3 - minor	<b>Crash signature (v1):</b>	
<b>Reviewed:</b>		<b>Crash signature (v2):</b>	
<b>Affected Versions:</b>			

#### Description

test\_client\_pin assert failure as below (

[http://pulpito.ceph.com/yuriw-2019-02-06\\_16:27:19-kcephfs-wip-yuri6-testing-2019-02-06-0416-luminous-testing-basic-smithi/3557504/](http://pulpito.ceph.com/yuriw-2019-02-06_16:27:19-kcephfs-wip-yuri6-testing-2019-02-06-0416-luminous-testing-basic-smithi/3557504/))

```
2019-02-06T23:25:15.592 INFO:tasks.cephfs_test_runner:=====
=====
2019-02-06T23:25:15.592 INFO:tasks.cephfs_test_runner:ERROR: test_client_pin (tasks.cephfs.test_client_limits.TestClientLimits)
2019-02-06T23:25:15.592 INFO:tasks.cephfs_test_runner:-----
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2019-02-06T23:25:15.592 INFO:tasks.cephfs_test_runner:Traceback (most recent call last):
2019-02-06T23:25:15.592 INFO:tasks.cephfs_test_runner:  File "/home/teuthworker/src/github.com_cep
h_ceph-c_wip-yuri6-testing-2019-02-06-0416-luminous/qa/tasks/cephfs/test_client_limits.py", line 1
07, in test_client_pin
2019-02-06T23:25:15.593 INFO:tasks.cephfs_test_runner:      self._test_client_pin(True, 800)
2019-02-06T23:25:15.593 INFO:tasks.cephfs_test_runner:  File "/home/teuthworker/src/github.com_cep
h_ceph-c_wip-yuri6-testing-2019-02-06-0416-luminous/qa/tasks/cephfs/test_client_limits.py", line 9
9, in _test_client_pin
2019-02-06T23:25:15.593 INFO:tasks.cephfs_test_runner:      self.wait_until_true(expected_caps, time
out=60)
2019-02-06T23:25:15.593 INFO:tasks.cephfs_test_runner:  File "/home/teuthworker/src/github.com_cep
h_ceph-c_wip-yuri6-testing-2019-02-06-0416-luminous/qa/tasks/ceph_test_case.py", line 139, in wait
_until_true
2019-02-06T23:25:15.593 INFO:tasks.cephfs_test_runner:      if condition():
2019-02-06T23:25:15.594 INFO:tasks.cephfs_test_runner:  File "/home/teuthworker/src/github.com_cep
h_ceph-c_wip-yuri6-testing-2019-02-06-0416-luminous/qa/tasks/cephfs/test_client_limits.py", line 9
1, in expected_caps
2019-02-06T23:25:15.594 INFO:tasks.cephfs_test_runner:      raise RuntimeError("client caps fell bel
ow min!")
2019-02-06T23:25:15.595 INFO:tasks.cephfs_test_runner:RuntimeError: client caps fell below min!
```

Happens only with kcephfs. According to Zheng:

<yanzheng> Kernel removes inodes without valid caps from its cache

<yanzheng> So num\_caps become 1

#### Related issues:

Copied to CephFS - Backport #38686: luminous: kcephfs TestClientLimits.test\_c...

Resolved

## History

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### #1 - 02/19/2019 02:34 PM - Patrick Donnelly

- Assignee set to Zheng Yan
- Target version set to v14.0.0
- Backport set to mimic,luminous
- Component(FS) kceph, qa-suite added

### #2 - 03/07/2019 11:22 PM - Patrick Donnelly

- Target version changed from v14.0.0 to v15.0.0

### #3 - 03/07/2019 11:56 PM - Patrick Donnelly

- Status changed from New to Fix Under Review
- Target version changed from v15.0.0 to v14.0.0
- Start date deleted (02/12/2019)
- Pull request ID set to 26818

### #4 - 03/11/2019 04:22 PM - Patrick Donnelly

- Status changed from Fix Under Review to Pending Backport
- Labels (FS) qa added

### #5 - 03/12/2019 11:56 AM - Nathan Cutler

- Copied to Backport #38686: luminous: kcephfs TestClientLimits.test\_client\_pin fails with "client caps fell below min" added

### #6 - 03/12/2019 11:56 AM - Nathan Cutler

- Copied to Backport #38687: mimic: kcephfs TestClientLimits.test\_client\_pin fails with "client caps fell below min" added

### #7 - 07/25/2019 02:38 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved