

Linux kernel client - Bug #18161

kernel client failing to look up mds_namespace gives ENOENT (but it exists)

12/07/2016 12:10 AM - John Spray

Status:	Resolved	Start date:	12/06/2016
Priority:	Normal	Due date:	
Assignee:	Zheng Yan	% Done:	0%
Category:	fs/ceph	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Source:		Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor		

Description

See this failure:

http://pulpito.ceph.com/jspray-2016-12-06_12:37:38-kcephfs:recovery-master-testing-basic-smithi/611135

The client is getting the FSMapUser as we can see in the mon log:

```
2016-12-06 14:30:01.582024 7f07e8a13700 1 -- 172.21.15.1:6789/0 --> 172.21.15.95:0/1525586736 -- fsmap.user(e 45) v1 -- 0x564acc13d000 con 0
```

...but it's giving an ENOENT when trying to look up the mds_namespace 'alpha'

```
2016-12-06T14:30:01.563 INFO:teuthology.orchestra.run.smithi095:Running: 'sudo adjust-ulimits ceph -coverage /home/ubuntu/ceph-test/archive/coverage /sbin/mount.ceph 172.21.15.1:6789:/ /home/ubuntu/ceph-test/mnt.0 -v -o name=0,secretfile=/home/ubuntu/ceph-test/ceph.data/client.0.secret,mds_namespace=alpha'
2016-12-06T14:30:01.663 INFO:teuthology.orchestra.run.smithi095.stdout:parsing options: name=0,secretfile=/home/ubuntu/ceph-test/ceph.data/client.0.secret,mds_namespace=alpha
2016-12-06T14:30:01.663 INFO:teuthology.orchestra.run.smithi095.stdout:ceph: Unknown mount option mds_namespace
2016-12-06T14:30:01.663 INFO:teuthology.orchestra.run.smithi095.stdout:mount error 2 = No such file or directory
```

(The 'unknown mount option' seems unrelated <http://tracker.ceph.com/issues/18159> -- we can be certain that the option is making it to the kernel because it only subscribes to fsmap.user when mds_namespace is set)

History

#1 - 12/07/2016 02:17 PM - Zheng Yan

can't reproduce this manually. maybe the -ENOENT was from mds up check, please try adding 'norequire_active_mds' mount option

#2 - 12/07/2016 02:26 PM - John Spray

Ah, that could be it. I'll look again.

#3 - 12/13/2016 01:59 PM - John Spray

- Status changed from New to Resolved

Yep, that was it, I've added the `norequire_active_mds` option.

#4 - 01/04/2017 08:33 AM - Zheng Yan

- Status changed from *Resolved* to *Testing*

<https://github.com/ceph/ceph-client/commit/9c0e972bd7c467f1e70f123372e492404580296c>

#5 - 01/14/2017 12:25 AM - Greg Farnum

Should undo <https://github.com/ceph/ceph-qa-suite/pull/1156/commits/5f1abf9c310c2732cc6bcd0ff2bd2e947dfb414e> when this is completed.

#6 - 01/20/2017 11:36 AM - Ilya Dryomov

- Status changed from *Testing* to *Resolved*

- Assignee set to *Zheng Yan*

<https://git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=cc8e8342930129aa2c9b629e1653e4681f0896ea> in 4.10-rc4

#7 - 01/31/2017 01:26 PM - Nathan Cutler

Re-enable test: <https://github.com/ceph/ceph/pull/13200>