

Linux kernel client - Bug #37577

kclient mount does not detect newly active rank 0

12/07/2018 07:11 PM - Patrick Donnelly

Status:	New	% Done:	0%
Priority:	High	Spent time:	0.00 hour
Assignee:			
Category:	fs/ceph		
Target version:			
Source:	Development	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Crash signature (v1):	
Severity:	3 - minor	Crash signature (v2):	
Description			
First setting the cluster down and failing rank 0, then I started this mount:			
<pre>time mount -t ceph \$(grep 'mon host' /etc/ceph/ceph.conf tr -d '[:space:][:alpha:]='):/ /cephfs -o secret=\$(grep key /etc/ceph/ceph.client.admin.keyring awk '{print \$3}'),name=admin,norequire_active_mds,mount_timeout=300</pre>			
mount error 5 = Input/output error			
<pre>real 10m0.036s user 0m0.009s sys 0m0.019s</pre>			
Following that, after ~5 minutes, I set cluster_down=false. The mount did not detect rank 0 coming up and try to connect.			

History

#1 - 12/07/2018 07:15 PM - Patrick Donnelly

The use of mount_timeout is confusing from a glance at the source code. For example, it's used to set the request timeout; I feel the request timeout should use a different mount option for that. The mount_timeout should be permitted to be infinite and the kernel should retry as necessary in the background.

#2 - 12/02/2020 04:25 PM - Patrick Donnelly

- Assignee deleted (Zheng Yan)