

CephFS - Bug #10542

ceph-fuse cap trimming fails with: mount: only root can use "--options" option

01/14/2015 01:54 PM - John Spray

Status:	Resolved	% Done:	0%
Priority:	Normal		
Assignee:			
Category:	Administration/Usability		
Target version:			
Source:	other	ceph-qa-suite:	
Tags:		Component(FS):	ceph-fuse
Backport:		Labels (FS):	
Regression:		Pull request ID:	
Severity:	3 - minor	Crash signature (v1):	
Reviewed:		Crash signature (v2):	
Affected Versions:			
Description			
This appears to be from:			
<pre>760 static void remount_cb(void *handle) 761 { 762 // used for trimming kernel dcache. when remounting a file system, linux kernel 763 // trims all unused dentries in the file system 764 char cmd[1024]; 765 CephFuse::Handle *cfuse = (CephFuse::Handle *)handle; 766 snprintf(cmd, sizeof(cmd), "mount -i -o remount %s", cfuse->mountpoint); 767 system(cmd); 768 }</pre>			
Seen on fedora when running ceph-fuse as unprivileged user.			
ceph-qa-suite runs ceph-fuse as root, so presumably doesn't see this issue. Side note : maybe we should be running ceph-fuse as an unprivileged user in testing?			
Related issues:			
Related to CephFS - Bug #10277: ceph-fuse: Consistent pjd failure in getcwd		Resolved	12/08/2014

History

#1 - 02/10/2015 05:47 PM - Greg Farnum

I tested this on Fedora 20 (rex004) and am not seeing any warnings. Where did it show up for you?

#2 - 02/11/2015 01:33 PM - John Spray

It comes out of stdout/stderr (i.e. not the ceph log). Was visible for me in a ./ceph-fuse -d terminal.

#3 - 02/12/2015 06:38 AM - Greg Farnum

Ah, I managed to get it with the "-d" flag. I was under the apparently mistaken impression that if it ran as a process we would get the stdout in the terminal anyway, but I guess we managed to shut it up some time in the last several years. :)

#4 - 02/26/2015 11:55 PM - Greg Farnum

This is at least no longer an issue on kernels older than 3.18 as we aren't doing remount with them as of

commit:5f42b54ab15e77c983cb0d8ac81df383c395f6f0 :)

#5 - 07/20/2016 05:35 AM - Greg Farnum

- *Category set to Administration/Usability*
- *Component(FS) ceph-fuse added*

I think this got resolved into one of the many fuse cache invalidate PRs, but I'm not sure.

#6 - 07/20/2017 11:33 PM - Patrick Donnelly

- *Status changed from New to Resolved*

This is caught during startup now and causes ceph-fuse to fail unless --client-die-on-failed-remount=false is set. Marking this as resolved.