

CephFS - Bug #38743

cephfs-shell: mkdir creates directory with invalid octal mode

03/14/2019 12:58 PM - Milind Changire

Status:	Resolved	% Done:	0%
Priority:	Normal		
Assignee:	Milind Changire		
Category:			
Target version:	v15.0.0		
Source:	Development	Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	nautilus	Component(FS):	Client, cephfs-shell
Regression:	No	Labels (FS):	task(easy), task(intern)
Severity:	3 - minor	Pull request ID:	27235
Reviewed:		Crash signature:	
Description			
<pre>CephFS:~/>>> mkdir -m 07000 d3 CephFS:~/>>> ls -l drwxrwxrwx 0 25405 25405 2019-03-14 12:12:29 d1/ drwx----- 0 25405 25405 2019-03-14 18:04:46 d2/ d----- 0 25405 25405 2019-03-14 18:18:31 d3/ CephFS:~/>>> mkdir -m 070000 d4 CephFS:~/>>> ls -l drwxrwxrwx 0 25405 25405 2019-03-14 12:12:29 d1/ drwx----- 0 25405 25405 2019-03-14 18:04:46 d2/ d----- 0 25405 25405 2019-03-14 18:18:31 d3/ d----- 0 25405 25405 2019-03-14 18:18:48 d4/ CephFS:~/>>> mkdir -m 0700001 d5 CephFS:~/>>> ls -l drwxrwxrwx 0 25405 25405 2019-03-14 12:12:29 d1/ drwx----- 0 25405 25405 2019-03-14 18:04:46 d2/ d----- 0 25405 25405 2019-03-14 18:18:31 d3/ d----- 0 25405 25405 2019-03-14 18:18:48 d4/ d-----x 0 25405 25405 2019-03-14 18:21:50 d5/ CephFS:~/>>> mkdir -m -0700001 d6 CephFS:~/>>> ls -l drwxrwxrwx 0 25405 25405 2019-03-14 12:12:29 d1/ drwx----- 0 25405 25405 2019-03-14 18:04:46 d2/ d----- 0 25405 25405 2019-03-14 18:18:31 d3/ d----- 0 25405 25405 2019-03-14 18:18:48 d4/ d-----x 0 25405 25405 2019-03-14 18:21:50 d5/ drwxrwxrwx 0 25405 25405 2019-03-14 18:24:07 d6/</pre>			
Octal mode requires rigorous parsing and validation.			
This is also a bug with the Ceph client user-space library. We should validate the mode given for Client::create().			
Related issues:			
Copied to CephFS - Backport #39376: nautilus: cephfs-shell: mkdir creates dir...			Resolved

History

#1 - 03/14/2019 08:03 PM - Patrick Donnelly

- Description updated
- Assignee set to Milind Changire
- Target version set to v15.0.0
- Start date deleted (03/14/2019)
- Source set to Development
- Backport set to nautilus
- Component(FS) Client added
- Labels (FS) task(easy), task(intern) added

#2 - 04/04/2019 01:52 PM - Milind Changire

- Status changed from New to Fix Under Review
- Pull request ID set to 27235

#3 - 04/18/2019 12:08 AM - Patrick Donnelly

- Status changed from Fix Under Review to Pending Backport

#4 - 04/18/2019 09:20 AM - Nathan Cutler

- Copied to Backport #39376: nautilus: cephfs-shell: mkdir creates directory with invalid octal mode added

#5 - 06/10/2019 12:00 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved