

CephFS - Bug #40927

mgr/volumes: unable to create subvolumegroups/subvolumes when ceph-mgr is run as non-root user

07/24/2019 04:36 PM - Ramana Raja

Status:	Resolved	% Done:	0%
Priority:	Immediate		
Assignee:	Ramana Raja		
Category:			
Target version:	v15.0.0		
Source:	Development	Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	nautilus	Component(FS):	mgr/volumes
Regression:	No	Labels (FS):	
Severity:	3 - minor	Pull request ID:	29355
Reviewed:		Crash signature:	
Description			
<pre>\$./bin/ceph fs subvolumegroup create a csi Error EINVAL: Traceback (most recent call last): File "/home/rraja/git/ceph/src/pybind/mgr/volumes/fs/subvolume.py", line 53, in _mkdir_p self.fs.stat(subpath) File "cephfs.pyx", line 1071, in cephfs.LibCephFS.stat cephfs.ObjectNotFound: [Errno 2] error in stat: b'volumes'</pre>			
During handling of the above exception, another exception occurred:			
<pre>Traceback (most recent call last): File "/home/rraja/git/ceph/src/pybind/mgr/mgr_module.py", line 889, in _handle_command return self.handle_command(inbuf, cmd) File "/home/rraja/git/ceph/src/pybind/mgr/volumes/module.py", line 188, in handle_command return handler(inbuf, cmd) File "/home/rraja/git/ceph/src/pybind/mgr/volumes/module.py", line 211, in _cmd_fs_subvolumegrou p_create pool_layout=cmd.get('pool_layout', None), mode=cmd.get('mode', '755')) File "/home/rraja/git/ceph/src/pybind/mgr/volumes/fs/volume.py", line 361, in conn_wrapper result = func(self, fs_h, **kwargs) File "/home/rraja/git/ceph/src/pybind/mgr/volumes/fs/volume.py", line 501, in create_subvolume_g roup sv.create_group(spec, pool=pool, mode=self.octal_str_to_decimal_int(mode)) File "/home/rraja/git/ceph/src/pybind/mgr/volumes/fs/subvolume.py", line 206, in create_group self._mkdir_p(path, mode) File "/home/rraja/git/ceph/src/pybind/mgr/volumes/fs/subvolume.py", line 55, in _mkdir_p self.fs.mkdir(subpath, mode) File "cephfs.pyx", line 765, in cephfs.LibCephFS.mkdir cephfs.Error: (13, "error in mkdir 'b'volumes': error code 13")</pre>			
Solution: Inside the ceph-mgr's volumes module, have the filesystem client have uid/gid as 0/0 by using `conf_set` interface, before mounting the ceph filesystem and creating directories.			
Related issues:			
Copied to CephFS - Backport #41071: nautilus: mgr/volumes: unable to create s...		Resolved	

History

#1 - 07/24/2019 04:38 PM - Ramana Raja

- Description updated

#2 - 07/24/2019 04:51 PM - Ramana Raja

- Description updated

#3 - 07/24/2019 04:52 PM - Ramana Raja

- Description updated

#4 - 07/24/2019 06:23 PM - Patrick Donnelly

- Description updated

- Assignee set to Ramana Raja

- Priority changed from Normal to Immediate

- Target version set to v15.0.0

- Source set to Development

- Backport set to nautilus

Also need a ticket to allow setting the uid/gid of the subvolume (Feature).

#5 - 07/25/2019 02:46 PM - Ramana Raja

- Description updated

- Assignee deleted (Ramana Raja)

- Priority changed from Immediate to Normal

- Target version deleted (v15.0.0)

- Source deleted (Development)

#6 - 07/25/2019 02:47 PM - Ramana Raja

Patrick Donnelly wrote:

Also need a ticket to allow setting the uid/gid of the subvolume (Feature).

Done. <http://tracker.ceph.com/issues/40959>

#7 - 07/25/2019 09:13 PM - Ramana Raja

- Priority changed from Normal to Immediate

- Target version set to v15.0.0

#8 - 07/25/2019 09:13 PM - Ramana Raja

- Assignee set to Ramana Raja

#9 - 07/26/2019 06:34 PM - Patrick Donnelly

- Status changed from New to Fix Under Review

- Start date deleted (07/24/2019)

- Source set to Development

- Pull request ID set to 29355

#10 - 07/31/2019 06:34 PM - Patrick Donnelly

- Status changed from Fix Under Review to Pending Backport

#11 - 08/05/2019 11:58 AM - Ramana Raja

- Copied to Backport #41071: nautilus: mgr/volumes: unable to create subvolumegroups/subvolumes when ceph-mgr is run as non-root user added

#12 - 08/07/2019 08:03 PM - Patrick Donnelly

- Status changed from Pending Backport to Resolved