

fs - Bug #36651

ceph-volume-client: cannot set mode for cephfs volumes as required by OpenShift

10/30/2018 07:12 PM - Tom Barron

Status:	Resolved	Start date:	
Priority:	High	Due date:	
Assignee:	Tom Barron	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	v14.0.0	Affected Versions:	
Source:	Development	ceph-qa-suite:	
Tags:		Component(FS):	VolumeClient
Backport:	mimic,luminous	Labels (FS):	Manila
Regression:	No	Pull request ID:	24839
Severity:	3 - minor		
Reviewed:			

Description

OpenShift developers report that when they use their dynamic external storage provider (in OpenShift 3.11) with manila and CephFS with NFS (ganesh) container workloads fail because they require that the backing CephFS volume be mode 775 but that these are created with mode 755. They require this because the user running in the container with the bind mount from the k8s host is non-root (it has a very high uid) but belongs to the root group. Group permissions allow the user running the workload in the k8s container to operate with the backing volume.

This BZ [1] was created for the overall issue. It requires that the cephfs driver in OpenStack manila be enhanced with a configuration option for the desired mode. This issue is for corresponding changes in the ceph_volume client so the driver can call its routines specifying a mode.

[1] https://bugzilla.redhat.com/show_bug.cgi?id=1643167

Related issues:

Copied to fs - Backport #37425: luminous: ceph-volume-client: cannot set mode...	Resolved
Copied to fs - Backport #37426: mimic: ceph-volume-client: cannot set mode fo...	Resolved

History

#1 - 10/30/2018 09:25 PM - Patrick Donnelly

- Status changed from New to Need Review
- Assignee set to Tom Barron
- Priority changed from Normal to High
- Target version changed from v12.2.9 to v14.0.0
- Start date deleted (10/30/2018)
- Source changed from Community (user) to Development
- Backport set to mimic,luminous
- Affected Versions deleted (v12.2.4)

#2 - 11/27/2018 09:55 PM - Patrick Donnelly

- Project changed from Ceph to fs
- Category changed from openstack to 87
- Status changed from Need Review to Pending Backport
- Pull request ID set to 24839
- Component(FS) VolumeClient added

#3 - 11/27/2018 10:27 PM - Nathan Cutler

- Copied to Backport #37425: luminous: ceph-volume-client: cannot set mode for cephfs volumes as required by OpenShift added

#4 - 11/27/2018 10:27 PM - Nathan Cutler

- Copied to Backport #37426: mimic: ceph-volume-client: cannot set mode for cephfs volumes as required by OpenShift added

#5 - 01/30/2019 06:18 PM - Patrick Donnelly

- Status changed from Pending Backport to Resolved

#6 - 03/09/2019 12:30 AM - Patrick Donnelly

- Category deleted (87)

- Labels (FS) Manila added