CephFS - Bug #39510

test_volume_client: test_put_object_versioned is unreliable

04/28/2019 04:12 PM - Rishabh Dave

Status:	Resolved		**% Done:**	0%
Priority:	Normal			
Assignee:	Rishabh Dave			
Category:				
Target version:	v15.0.0			
Source:	Development		**ceph-qa-suite:**	
Tags:			**Component(FS):**	
Backport:	nautilus,mimic,luminous		**Labels (FS):**	
Regression:	No		**Pull request ID:**	28692
Severity:	3 - minor		**Crash signature (v1):**	
Reviewed:			**Crash signature (v2):**	
Affected Versions:				

Description

test_put_object_versioned in test_volume_client.py succeeds if it receives a CommandFailedError exception from the embedded python program. This manner of testing is unreliable since the embedded python program contains multiple statements and the same exception may be raised by any of those. This has happened twice AFAIR: first, the test never failed despite of the fact that ceph_volume_client.py's put_object_versioned() was buggy[1] and second while i am working to make the embedded python programs in test_volume_client.py python3 compatible. Therefore, it's best to rewrite this test so it doesn't depend on a generic exception for passing[2].

I'll add a commit for this to [2].

Related issues:

Copied to CephFS - Backport #40853: mimic: test_volume_client: test_put_objec...	**Resolved**
Copied to CephFS - Backport #40854: nautilus: test_volume_client: test_put_ob...	**Resolved**
Copied to CephFS - Backport #40855: luminous: test_volume_client: test_put_ob...	**Rejected**

History

#1 - 05/13/2019 01:47 PM - Patrick Donnelly

- Status changed from In Progress to Fix Under Review

- Target version set to v15.0.0

- Source set to Development

- Backport set to nautilus,mimic,luminous

- Pull request ID set to 27718

#2 - 07/18/2019 09:04 PM - Patrick Donnelly

- Status changed from Fix Under Review to Pending Backport

#3 - 07/22/2019 08:23 AM - Nathan Cutler

- Copied to Backport #40853: mimic: test_volume_client: test_put_object_versioned is unreliable added

#4 - 07/22/2019 08:23 AM - Nathan Cutler

- Copied to Backport #40854: nautilus: test_volume_client: test_put_object_versioned is unreliable added

#5 - 07/22/2019 08:23 AM - Nathan Cutler

- Copied to Backport #40855: luminous: test_volume_client: test_put_object_versioned is unreliable added

#6 - 08/30/2019 08:55 AM - Nathan Cutler

- Pull request ID changed from 27718 to 28692

27718 was replaced by https://github.com/ceph/ceph/pull/28692

#7 - 05/11/2020 02:33 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved *2/2*

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".

#6 - 08/30/2019 08:55 AM - Nathan Cutler

- Pull request ID changed from 27718 to 28692

27718 was replaced by https://github.com/ceph/ceph/pull/28692

#7 - 05/11/2020 02:33 PM - Nathan Cutler