Test cases in TestVolumes create subvolumes/groups/snapshots in format `<string>_<random_number>` . Some test cases will verify list commands by creating (say) 3 subvolumes/group/snapshots and expect that those come back while listing. Python's random number generator is not truly random leading to the same number getting repeated (unlucky) which caused the test case to fail as it would expect a certain count while listing.

In this run:


2019-11-05T06:17:51.441 INFO:teuthology.orchestra.run.mira061:> sudo adjust-ulimits ceph-coverage /home/ubuntu/cephtest/archive/coverage timeout 120 ceph --cluster ceph fs subvolume snapshot create cephfs subvolume_7617 snapshot_17
2019-11-05T06:17:52.171 INFO:teuthology.orchestra.run.mira061:> sudo adjust-ulimits ceph-coverage /home/ubuntu/cephtest/archive/coverage timeout 120 ceph --cluster ceph fs subvolume snapshot create cephfs subvolume_7617 snapshot_17
2019-11-05T06:17:52.877 INFO:teuthology.orchestra.run.mira061:> sudo adjust-ulimits ceph-coverage /home/ubuntu/cephtest/archive/coverage timeout 120 ceph --cluster ceph fs subvolume snapshot create cephfs subvolume_7617 snapshot_15

^^ creating `snapshot_17` gets repeated twice. `mgr/volumes` treats idempotent create/remove operations as valid.

Related issues:

Copied to CephFS - Backport #42951: nautilus: Test failure: test_subvolume_snapshot_ls... Resolved

History

#1 - 11/05/2019 03:07 PM - Venky Shankar
- Status changed from In Progress to Fix Under Review
- Pull request ID set to 31418

#2 - 11/20/2019 11:33 PM - Patrick Donnelly
- Status changed from Fix Under Review to Pending Backport

#3 - 11/22/2019 08:30 AM - Nathan Cutler
- Copied to Backport #42951: nautilus: Test failure: test_subvolume_snapshot_ls (tasks.cephfs.test_volumes.TestVolumes) added
- Status changed from Pending Backport to Resolved