

fs - Bug #43514

qa: test setUp may cause spurious MDS_INSUFFICIENT_STANDBY

01/07/2020 08:48 PM - Patrick Donnelly

Status:	Resolved	% Done:	0%
Priority:	Normal		
Assignee:	Patrick Donnelly		
Category:	Correctness/Safety		
Target version:	v15.0.0		
Source:	Q/A	Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:	nautilus	Component(FS):	qa-suite
Regression:	No	Labels (FS):	
Severity:	3 - minor	Pull request ID:	32532
Reviewed:		Crash signature:	

Description

```
2020-01-07T16:46:12.328 INFO:teuthology.orchestra.run:waiting for 300
2020-01-07T16:46:12.340 INFO:tasks.ceph.mds.a:Stopped
2020-01-07T16:46:12.340 DEBUG:teuthology.parallel:result is None
2020-01-07T16:46:12.373 INFO:tasks.ceph.mds.b:Stopped
2020-01-07T16:46:12.373 DEBUG:teuthology.parallel:result is None
2020-01-07T16:46:12.373 INFO:teuthology.orchestra.run.smithi093:> sudo adjust-ulimits ceph-coverag
e /home/ubuntu/ceph/test/archive/coverage timeout 120 ceph --cluster ceph mds fail a
2020-01-07T16:46:12.374 INFO:teuthology.orchestra.run.smithi093:> sudo adjust-ulimits ceph-coverag
e /home/ubuntu/ceph/test/archive/coverage timeout 120 ceph --cluster ceph mds fail b
...
2020-01-07T16:46:12.705 INFO:teuthology.orchestra.run.smithi093.stderr:2020-01-07T16:46:12.697+000
0 7f40cf974700 1 -- 172.21.15.93:0/3162667050 --> [v2:172.21.15.93:3300/0,v1:172.21.15.93:6789/0]
-- mon_command({"prefix": "mds fail", "role_or_gid": "b"} v 0) v1 -- 0x7f40c809be80 con 0x7f40c81
36950
2020-01-07T16:46:12.706 INFO:teuthology.orchestra.run.smithi093.stderr:2020-01-07T16:46:12.698+000
0 7fee475ec700 1 -- 172.21.15.93:0/3550511259 --> [v2:172.21.15.106:3300/0,v1:172.21.15.106:6789/
0] -- mon_command({"prefix": "mds fail", "role_or_gid": "a"} v 0) v1 -- 0x7fee40098b80 con 0x7fee4
007ebc0
2020-01-07T16:46:13.685 INFO:tasks.ceph.mon.a.smithi093.stderr:2020-01-07T16:46:13.682+0000 7fb42c
1c8700 -1 log_channel(cluster) log [ERR] : Health check failed: 1 filesystem is offline (MDS_ALL_D
OWN)
...
2020-01-07T16:52:08.538 INFO:tasks.ceph:Checking cluster log for badness...
2020-01-07T16:52:08.538 INFO:teuthology.orchestra.run.smithi093:> sudo egrep '\[ERR\]|\[WRN\]|\[SE
C\]' /var/log/ceph/ceph.log | egrep -v '\(MDS_ALL_DOWN\)' | egrep -v '\(MDS_UP_LESS_THAN_MAX\)' |
egrep -v 'overall HEALTH_' | egrep -v '\(FS_DEGRADED\)' | egrep -v '\(MDS_FAILED\)' | egrep -v '\(
MDS_DEGRADED\)' | egrep -v '\(FS_WITH_FAILED_MDS\)' | egrep -v '\(MDS_DAMAGE\)' | egrep -v '\(MDS_
ALL_DOWN\)' | egrep -v '\(MDS_UP_LESS_THAN_MAX\)' | egrep -v '\(FS_INLINE_DATA_DEPRECATED\)' | egr
ep -v 'overall HEALTH_' | egrep -v '\(OSD_DOWN\)' | egrep -v '\(OSD_' | egrep -v 'but it is still
running' | egrep -v 'is not responding' | head -n 1
2020-01-07T16:52:08.585 INFO:teuthology.orchestra.run.smithi093.stdout:2020-01-07T16:46:13.683438+
0000 mon.a (mon.0) 805 : cluster [WRN] Health check failed: insufficient standby MDS daemons avail
able (MDS_INSUFFICIENT_STANDBY)
```

It's not necessary to fail the MDS individually. They will restart when removed from the MDSMap.

Related issues:

Copied to fs - Backport #43568: nautilus: qa: test setUp may cause spurious M...

Resolved

History

#1 - 01/07/2020 08:53 PM - Patrick Donnelly

- Status changed from New to Fix Under Review

- Pull request ID set to 32532

#2 - 01/09/2020 08:25 PM - Patrick Donnelly

- Status changed from Fix Under Review to Pending Backport

#3 - 01/13/2020 11:48 AM - Nathan Cutler

- Copied to Backport #43568: nautilus: qa: test setUp may cause spurious MDS_INSUFFICIENT_STANDBY added

#4 - 02/11/2020 09:52 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved

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