

CephFS - Bug #43637

nautilus: qa: Health check failed: Reduced data availability: 16 pgs inactive (PG_AVAILABILITY)

01/16/2020 05:45 PM - Ramana Raja

Status:	Triaged	% Done:	0%
Priority:	Normal		
Assignee:	Ramana Raja		
Category:			
Target version:	v14.2.7		
Source:	Q/A	ceph-qa-suite:	fs
Tags:		Component(FS):	qa-suite
Backport:		Labels (FS):	qa
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature (v1):	
Reviewed:		Crash signature (v2):	
Affected Versions:			

Description

```
2020-01-10T10:41:33.742 INFO:teuthology.orchestra.run.smithi166:> 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 'overall HEALTH_' | egrep -v '\(OSD_D
OWN\)' | egrep -v '\(OSD_' | egrep -v 'but it is still running' | egrep -v 'is not responding' | e
grep -v 'not responding, replacing' | egrep -v '\(MDS_INSUFFICIENT_STANDBY\)' | egrep -v '\(MDS_AL
L_DOWN\)' | egrep -v '\(MDS_UP_LESS_THAN_MAX\)' | head -n 1
2020-01-10T10:41:33.765 INFO:teuthology.orchestra.run.smithi166.stdout:2020-01-10 10:22:15.090135
mon.b (mon.0) 1750 : cluster [WRN] Health check failed: Reduced data availability: 16 pgs inactive
(PG_AVAILABILITY)
```

From /a/yuriw-2020-01-09_22:23:54-fs-wip-yuri6-testing-2020-01-09-1744-nautilus-distro-basic-smithi/4650211/

Seen this failure in 12 jobs in fs suite and kcephfs suite,

In fs suite, /a/yuriw-2020-01-09_22:23:54-fs-wip-yuri6-testing-2020-01-09-1744-nautilus-distro-basic-smithi/

```
Failure: "2020-01-10 10:22:15.090135 mon.b (mon.0) 1750 : cluster [WRN] Health check failed: Reduc
ed data availability: 16 pgs inactive (PG_AVAILABILITY)" in cluster log
5 jobs: ['4650211', '4650242', '4650177', '4650144', '4650276']
suites intersection: ['clusters/1a3s-mds-2c-client.yaml', 'conf/{client.yaml', 'fs/multifs/{begin.
yaml', 'mds.yaml', 'mon-debug.yaml', 'mon.yaml', 'mount/fuse.yaml', 'osd.yaml}', 'overrides/{frag_
enable.yaml', 'tasks/failover.yaml}', 'whitelist_health.yaml', 'whitelist_wrongly_marked_down.yaml
}']
suites union: ['clusters/1a3s-mds-2c-client.yaml', 'conf/{client.yaml', 'fs/multifs/{begin.yaml',
'mds.yaml', 'mon-debug.yaml', 'mon.yaml', 'mount/fuse.yaml', 'objectstore-ec/bluestore-bitmap.yaml
', 'objectstore-ec/bluestore-comp-ec-root.yaml', 'objectstore-ec/bluestore-comp.yaml', 'objectstor
e-ec/bluestore-ec-root.yaml', 'objectstore-ec/filestore-xfs.yaml', 'osd.yaml}', 'overrides/{frag_e
nable.yaml', 'supported-random-distros$/{centos_latest.yaml}', 'supported-random-distros$/{ubuntu
16.04.yaml}', 'supported-random-distros$/{ubuntu_latest.yaml}', 'tasks/failover.yaml}', 'whitelist
_health.yaml', 'whitelist_wrongly_marked_down.yaml}']
```

In kcephfs suite, /a/yuriw-2020-01-09_22:20:53-kcephfs-wip-yuri6-testing-2020-01-09-1744-nautilus-distro-basic-smithi,

```
Failure: "2020-01-10 01:06:47.884132 mon.a (mon.0) 2248 : cluster [WRN] Health check failed: Reduced data availability: 16 pgs inactive (PG_AVAILABILITY)" in cluster log
7 jobs: ['4649992', '4649994', '4650026', '4650028', '4650030', '4650048', '4649990']
suites intersection: ['clusters/1-mds-4-client.yaml', 'conf/{client.yaml', 'kcephfs/recovery/{begin.yaml', 'kclient/{mount.yaml', 'log-config.yaml', 'mds.yaml', 'mon.yaml', 'ms-die-on-skipped.yaml}}', 'osd-asserts.yaml', 'osd.yaml}', 'overrides/{frag_enable.yaml', 'whitelist_health.yaml', 'whitelist_wrongly_marked_down.yaml}']
suites union: ['clusters/1-mds-4-client.yaml', 'conf/{client.yaml', 'kcephfs/recovery/{begin.yaml', 'kclient/{mount.yaml', 'log-config.yaml', 'mds.yaml', 'mon.yaml', 'ms-die-on-skipped.yaml}}', 'objectstore-ec/bluestore-bitmap.yaml', 'objectstore-ec/bluestore-comp.yaml', 'objectstore-ec/bluestore-ec-root.yaml', 'objectstore-ec/filestore-xfss.yaml', 'osd-asserts.yaml', 'osd.yaml}', 'overrides/{distro/random/{k-testing.yaml', 'overrides/{distro/rhel/{k-distro.yaml', 'overrides/{frag_enable.yaml', 'rhel_latest.yaml}', 'supported$/{rhel_latest.yaml}}', 'supported$/{ubuntu_latest.yaml}}', 'tasks/damage.yaml}', 'tasks/data-scan.yaml}', 'tasks/failover.yaml}', 'tasks/volume-client.yaml}', 'whitelist_health.yaml', 'whitelist_wrongly_marked_down.yaml}']
```

History

#1 - 01/16/2020 08:06 PM - Ramana Raja

- Subject changed from qa: task_failover.yaml failure to nautilus qa: task_failover.yaml failure
- Target version changed from v14.2.5 to v14.2.7
- Component(FS) deleted (qa-suite)

#2 - 01/20/2020 02:47 PM - Patrick Donnelly

- Subject changed from nautilus qa: task_failover.yaml failure to nautilus: qa: task_failover.yaml failure
- Status changed from New to Triaged
- Assignee set to Ramana Raja

#3 - 02/12/2020 04:37 PM - Patrick Donnelly

- Subject changed from nautilus: qa: task_failover.yaml failure to nautilus: qa: Health check failed: Reduced data availability: 16 pgs inactive (PG_AVAILABILITY)
- ceph-qa-suite deleted (kcephfs)
- Component(FS) qa-suite added