CephFS - Bug #40784

mds: metadata changes may be lost when MDS is restarted

07/16/2019 07:35 AM - shen hang

Status:	Resolved	**% Done:**	0%
Priority:	Normal		
Assignee:	shen hang		
Category:			
Target version:	v15.0.0		
Source:	Community (dev)	**Affected Versions:**	
Tags:		**ceph-qa-suite:**	
Backport:	nautilus,mimic	**Component(FS):**	MDS
Regression:	No	**Labels (FS):**	
Severity:	3 - minor	**Pull request ID:**	29059
Reviewed:		**Crash signature:**	

Description

Assumed a client copied some obj to another location in ceph. when early_replied was received ⬚ the cp command would return normally⬚But the op may not be journaled when the mds was restarted. If the client didn't send reconnect msg duiring reconnect phase in time,t he obj may not exists in the destination location.
It looks like below:

root@xxx.yyy:/zzz/src1

1. cp src969 src123
   root@xxx.yyy:/zzz/src1
2. ls
   ^C^C^C^C^C^C^C^C
   root@xxx.yyy:/zzz/src1
3. ls
   src969

Related issues:

Copied to CephFS - Backport #43344: mimic: mds: metadata changes may be lost ...	**Rejected**
Copied to CephFS - Backport #43345: nautilus: mds: metadata changes may be lo...	**Resolved**

History

#1 - 07/22/2019 09:10 PM - Patrick Donnelly

- Project changed from Ceph to CephFS

- Subject changed from data may be lost when mds is restarted,and client didn't send reconnect msg during reconnect phase to mds: data may be lost when mds is restarted,and client didn't send reconnect msg during reconnect phase

- Status changed from New to Fix Under Review

- Assignee set to shen hang

- Start date deleted (07/16/2019)

- Backport changed from nautilus,mimic,luminous to nautilus,mimic

- Component(FS) MDS added

#2 - 12/04/2019 11:07 PM - Patrick Donnelly

- Subject changed from mds: data may be lost when mds is restarted,and client didn't send reconnect msg during reconnect phase to mds: metadata changes may be lost when MDS is restarted

- Tags deleted (cephfs mds)

#3 - 12/17/2019 12:08 AM - Patrick Donnelly

- Status changed from Fix Under Review to Pending Backport

#4 - 12/17/2019 09:18 AM - Nathan Cutler

- Copied to Backport #43344: mimic: mds: metadata changes may be lost when MDS is restarted added

#5 - 12/17/2019 09:18 AM - Nathan Cutler

- Copied to Backport #43345: nautilus: mds: metadata changes may be lost when MDS is restarted added

#6 - 02/11/2020 09:56 PM - Nathan Cutler   2/2

- 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".