

fs - Bug #24780

Some cephfs tool commands silently operate on only rank 0, even if multiple ranks exist

07/05/2018 01:28 PM - John Spray

Status:	Resolved	Start date:	
Priority:	High	Due date:	
Assignee:	Venky Shankar	% Done:	0%
Category:	Administration/Usability	Estimated time:	0.00 hour
Target version:	v14.0.0	Affected Versions:	
Source:	Development	ceph-qa-suite:	
Tags:		Component(FS):	tools
Backport:	luminous,mimic	Labels (FS):	task(medium)
Regression:	No	Pull request ID:	
Severity:	3 - minor	Crash signature:	
Reviewed:			
Description			
I think this is biting people, e.g. in thread "[ceph-users] CephFS - How to handle "loaded dup inode" errors"			
We made commands like cephfs-journal-tool operate on rank 0 by default, at a time when single MDS systems were the norm.			
On a system with many MDS ranks, it is confusing to run this command, see it succeed, but have it only act on one rank. Maybe we should change the default to all ranks, or maybe we should warn the user that they're only acting on one, but the current silent behaviour is a bit awkward.			
We could get rid of the default option entirely, as it is also kind of scary that these commands will operate (I think?) on the default filesystem when there are multiple filesystems, which makes it easy for someone to forget they have multiple filesystems, and do a "reset" on a particular rank forgetting which one they're acting on.			
Related issues:			
Copied to fs - Backport #36217: luminous: Some cephfs tool commands silently ...		Resolved	
Copied to fs - Backport #36218: mimic: Some cephfs tool commands silently ope...		Resolved	

History

#1 - 07/06/2018 09:36 PM - Patrick Donnelly

- Assignee set to Venky Shankar
- Priority changed from Normal to High
- Target version set to v14.0.0
- Start date deleted (07/05/2018)
- Source set to Development
- Backport set to luminous,mimic
- Component(FS) tools added
- Labels (FS) task(medium) added

#2 - 07/23/2018 05:30 PM - Venky Shankar

- Status changed from New to Need Review

PR <https://github.com/ceph/ceph/pull/23187>

#3 - 09/24/2018 09:49 PM - Patrick Donnelly

- Status changed from Need Review to Pending Backport

#4 - 09/26/2018 04:19 PM - Nathan Cutler

- Copied to Backport #36217: luminous: Some cephfs tool commands silently operate on only rank 0, even if multiple ranks exist added

#5 - 09/26/2018 04:19 PM - Nathan Cutler

- Copied to Backport #36218: mimic: Some cephfs tool commands silently operate on only rank 0, even if multiple ranks exist added

#6 - 01/07/2019 08:15 PM - Patrick Donnelly

- Status changed from Pending Backport to Resolved