

fs - Feature #12274

mds: start forward scrubs from all subtree roots, skip non-auth metadata

07/10/2015 01:16 PM - John Spray

| | | | |
|---|----------------------|---------------------------|------------------|
| Status: | In Progress | Start date: | 02/14/2013 |
| Priority: | Normal | Due date: | |
| Assignee: | Douglas Fuller | % Done: | 100% |
| Category: | fsck/damage handling | Estimated time: | 0.00 hour |
| Target version: | v15.0.0 | Affected Versions: | |
| Source: | Development | Component(FS): | MDS |
| Tags: | scrub | Labels (FS): | |
| Backport: | mimic | Pull request ID: | |
| Reviewed: | | | |
| Description | | | |
| <p>This is the basic principle that allows scrubs across multiple MDSs: everyone takes responsibility for their own subtrees, and stops at subtree boundaries.</p> <p>Modify scrub initiating commands such that instead of the input path causing us to acting on the named dentry, they act on any subtrees within the path specified. So if I had a subtree situation like this:</p> <p>MDS A: /foo /foo/bar/baz MDS B: /foo/bar</p> <p>Then a scrub initiated on MDS A for path "/foo" would find both subtrees and start scrubs from the root of both, rather than just from the /foo subtree.</p> | | | |
| Subtasks: | | | |
| Feature # 4142: MDS: forward scrub: Implement cross-MDS scrubbing | | | Duplicate |

History

#1 - 07/14/2016 01:10 AM - Greg Farnum

- Category changed from fsck/damage handling to 90
- Component(FS) MDS added

#2 - 08/15/2016 06:48 PM - Douglas Fuller

- Status changed from New to In Progress
- Assignee set to Douglas Fuller

#3 - 08/25/2016 05:33 PM - Douglas Fuller

- Status changed from In Progress to Need Review

<https://github.com/ceph/ceph/pull/10876>

#4 - 11/09/2016 11:21 PM - John Spray

- Target version set to v12.0.0

Using this ticket to track the task of implementing cross-MDS forward scrub (i.e. handing off at subtree bounds)

#5 - 04/09/2018 08:26 PM - Patrick Donnelly

- Subject changed from Start forward scrubs from all subtree roots, skip non-auth metadata to mds: start forward scrubs from all subtree roots, skip non-auth metadata
- Category changed from 90 to fsck/damage handling
- Status changed from Need Review to In Progress

- *Target version changed from v12.0.0 to v14.0.0*
- *Source changed from other to Development*
- *Tags set to scrub*
- *Backport set to mimic*

#6 - 03/07/2019 11:20 PM - Patrick Donnelly

- *Target version changed from v14.0.0 to v15.0.0*