### fs - Feature #4138

**MDS: forward scrub: add functionality to verify disk data is consistent**

02/14/2013 06:34 PM - Greg Farnum

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>Start date:</th>
<th>02/14/2013</th>
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<tbody>
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<td>Priority:</td>
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<tr>
<td>Assignee:</td>
<td>Greg Farnum</td>
<td>% Done:</td>
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<td>Target version:</td>
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<td>Spent time:</td>
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<td>User Impact:</td>
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<td>Backport:</td>
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<td>Reviewed:</td>
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<td>Release:</td>
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#### Description

Design and implement a mechanism that, given a CInode, it will go check the actual disk state of that inode for consistency with the CInode. Initially we just need to verify the parent backpointers, and for directories that the rstats match. Design it considering the later addition of more extensive checks, such as verifying actual file sizes.

#### Related issues:

Copied to Feature #10952: MDS: forward scrub: add functionality to verify dis... Resolved 02/14/2013

#### History

**#1 - 02/19/2013 10:55 AM - Greg Farnum**
- Subject changed from MDS: add functionality to verify disk data is consistent to MDS: forward scrub: add functionality to verify disk data is consistent
- Parent task deleted (#4137)

**#2 - 02/19/2013 10:59 AM - Greg Farnum**
- Tracker changed from Subtask to Feature

**#3 - 07/08/2014 10:55 AM - Greg Farnum**
- Status changed from New to In Progress
- Assignee set to Greg Farnum

Starting on this now.

**#4 - 08/20/2014 07:19 PM - Greg Farnum**
- Target version set to v0.86

**#5 - 09/21/2014 07:04 PM - Sage Weil**
- Target version changed from v0.86 to v0.87

**#6 - 10/27/2014 06:17 PM - Greg Farnum**
- Status changed from In Progress to Need Review

This bit at least has been isolated and put into a PR: https://github.com/ceph/ceph/pull/2814

**#7 - 11/07/2014 04:16 PM - Greg Farnum**
- Status changed from Need Review to Resolved
This one ticket at least is definitely fulfilled by commit:daa9f9f8e2a811b5e0e69ef52241c4e0b7556bc