

## RADOS - Bug #24686

### change default filestore\_merge\_threshold to -10

06/28/2018 02:18 PM - Douglas Fuller

|   |                            |                           |                   |
|---|----------------------------|---------------------------|-------------------|
| <b>Status:</b>  | Resolved                   | <b>Start date:</b>        | 06/28/2018        |
| <b>Priority:</b>  | High                       | <b>Due date:</b>          |                   |
| <b>Assignee:</b>  | Douglas Fuller             | <b>% Done:</b>            | 0%                |
| <b>Category:</b>  | Performance/Resource Usage | <b>Estimated time:</b>    | 0.00 hour         |
| <b>Target version:</b>  |                            | <b>Spent time:</b>        | 0.00 hour         |
| <b>Source:</b>  | Development                | <b>Reviewed:</b>          |                   |
| <b>Tags:</b>  |                            | <b>Affected Versions:</b> |                   |
| <b>Backport:</b>  | luminous, mimic            | <b>ceph-qa-suite:</b>     |                   |
| <b>Regression:</b>  | No                         | <b>Component(RADOS):</b>  | FileStore         |
| <b>Severity:</b>  | 2 - major                  | <b>Pull request ID:</b>   |                   |
| <b>Description</b>  |                            |                           |                   |
| Performance evaluations of medium to large size Ceph clusters have demonstrated negligible performance impact from unnecessarily deep directory hierarchies but significant performance impact from filestore split and merge activity. Disable merges by default |                            |                           |                   |
| <b>Related issues:</b>  |                            |                           |                   |
| Blocks RADOS - Bug #24687: Automatically set expected_num_objects for new poo...  |                            | <b>Resolved</b>           | <b>06/28/2018</b> |
| Copied to RADOS - Backport #24747: mimic: change default filestore_merge_thre...  |                            | <b>Resolved</b>           |                   |
| Copied to RADOS - Backport #24748: luminous: change default filestore_merge_t...  |                            | <b>Resolved</b>           |                   |

### History

#### #1 - 06/28/2018 02:50 PM - Douglas Fuller

- Blocks Bug #24687: Automatically set expected\_num\_objects for new pools with >=100 PGs per OSD added

#### #2 - 06/28/2018 02:50 PM - Douglas Fuller

- Status changed from New to In Progress

#### #3 - 07/03/2018 12:36 AM - Josh Durgin

- Status changed from In Progress to Pending Backport

- Backport changed from luminous to luminous, mimic

#### #4 - 07/03/2018 07:55 AM - Nathan Cutler

- Copied to Backport #24747: mimic: change default filestore\_merge\_threshold to -10 added

#### #5 - 07/03/2018 07:55 AM - Nathan Cutler

- Copied to Backport #24748: luminous: change default filestore\_merge\_threshold to -10 added

#### #6 - 07/03/2018 10:47 AM - Nathan Cutler

master PR: <https://github.com/ceph/ceph/pull/22761>

#### #7 - 07/30/2018 06:53 PM - Nathan Cutler

- Status changed from Pending Backport to Resolved