

## CephFS - Bug #46218

Bug # 41565 (Resolved): mds: detect MDS<->MDS messages that are not versioned

### mds: Add inter MDS messages to the corpus and enforce versioning

06/26/2020 05:29 AM - Jos Collin

<b>Status:</b> Triaged	<b>% Done:</b> 0%
<b>Priority:</b> Normal	
<b>Assignee:</b> Jos Collin	
<b>Category:</b> Code Hygiene	
<b>Target version:</b> v17.0.0	
<b>Source:</b> Development	<b>ceph-qa-suite:</b>
<b>Tags:</b>	<b>Component(FS):</b> MDS
<b>Backport:</b> pacific,octopus,nautilus	<b>Labels (FS):</b>
<b>Regression:</b> No	<b>Pull request ID:</b>
<b>Severity:</b> 3 - minor	<b>Crash signature (v1):</b>
<b>Reviewed:</b>	<b>Crash signature (v2):</b>
<b>Affected Versions:</b>	
<b>Description</b>	
<p>Now that the current and the new inter-MDS messages are <a href="#">guaranteed to be of type MMDSOp</a>. MMDSOp could be used to pass information between MDSs in the future too.</p> <p>But MMDSOp doesn't enforce versioning. As an MDS of release n should be able to talk to at least an MDS of release n-2, it'd be important to have the inter MDS messages collected in corpus to make sure the decoders of "n" release are able to read the messages emitted by "n-2" release. MMDSOp does not add any runtime/compile time error for "unversioned" inter MDS messages, it just guarantees same type. But if we add the MDS messages to corpus, we will be able to test the backward compatibility of the decoder of them.</p> <p>See the discussion: <a href="https://github.com/ceph/ceph/pull/31726#pullrequestreview-351937077">https://github.com/ceph/ceph/pull/31726#pullrequestreview-351937077</a>.</p>	
<b>Related issues:</b>	
Blocks CephFS - Feature #41566: mds: support rolling upgrades	<b>In Progress</b>

### History

#### #1 - 06/26/2020 05:30 AM - Jos Collin

- Blocks Feature #41566: mds: support rolling upgrades added

#### #2 - 06/29/2020 01:41 PM - Patrick Donnelly

- Status changed from New to Triaged

- Assignee set to Jos Collin

- Target version set to v16.0.0

#### #3 - 01/15/2021 10:44 PM - Patrick Donnelly

- Target version changed from v16.0.0 to v17.0.0

- Backport set to pacific,octopus,nautilus