

CephFS - Bug #44288

MDSMap encoder "ev" (extended version) is not checked for validity when decoding

02/25/2020 03:18 PM - Greg Farnum

Status: Won't Fix	% Done: 0%
Priority: Normal	
Assignee: Jos Collin	
Category: Correctness/Safety	
Target version: v16.0.0	
Source: Development	Affected Versions:
Tags:	ceph-qa-suite:
Backport:	Component(FS): MDS, MDSMonitor
Regression: No	Labels (FS): task(easy), task(intern)
Severity: 3 - minor	Pull request ID: 33835
Reviewed:	Crash signature:
Description	
<p>This is going to be a necessity as we try and enable rolling upgrades! We encode an extended version and use it to decide how much to decode, but for some reason we don't have any kind of compatibility check to see if we're allowed to look at the enclosed data or not. Compare this to OSDMap which actually nests ENCODE_START/DECODE_FINISH blocks. (we could totally do this; it's nice!)</p> <p>I ran into this working on https://github.com/ceph/ceph/pull/33522 when I wanted to disallow any non-custom MDSes from looking at the data...</p>	
Related issues:	
Blocks CephFS - Feature #41566: mds: support rolling upgrades	In Progress

History

#1 - 02/25/2020 09:56 PM - Patrick Donnelly

- Status changed from New to Triaged
- Assignee set to Jos Collin
- Target version set to v16.0.0
- Source set to Development

#2 - 02/26/2020 11:42 AM - Jos Collin

For later reference: <https://github.com/ceph/ceph/blob/master/src/osd/OSDMap.cc#L555>

#3 - 02/27/2020 09:18 AM - Jos Collin

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

#4 - 04/13/2020 09:00 AM - Jos Collin

- Status changed from Triaged to Fix Under Review
- Pull request ID set to 33835

#5 - 11/10/2020 05:51 PM - Patrick Donnelly

- Status changed from Fix Under Review to Won't Fix