CephFS - Feature #58550

Feature # 58488 (New): mds: avoid encoding srnode for each ancestor in an EMetaBlob log event

mds: add perf counter to track (relatively) larger log events

01/23/2023 03:12 PM - Venky Shankar

Status:	Resolved	**% Done:**	0%
Priority:	Normal		
Assignee:	Patrick Donnelly		
Category:	Administration/Usability		
Target version:	v19.0.0		
Source:	Development	**Affected Versions:**	
Tags:		**Component(FS):**	MDS
Backport:		**Labels (FS):**	
Reviewed:		**Pull request ID:**	48732

Description

Logging of large (in size) subtreemap over and over again in the log segment is a well know scalability limiting factor in the MDS. Its a bit hard to infer this though when a cluster starts experiencing slowness. Moreover, there *might* be other places where a large log event size could be making things worse. Adding a perf counter that increments whenever the log event size exceeds a certain threshold might help is inferring the extent of logging large log events over and over again.

History

#1 - 01/30/2023 01:53 PM - Venky Shankar

- *Category set to Administration/Usability*

- *Assignee set to Patrick Donnelly*

#2 - 02/01/2023 08:14 PM - Patrick Donnelly

- *Status changed from New to In Progress*

#3 - 02/01/2023 11:34 PM - Patrick Donnelly

- *Status changed from In Progress to Fix Under Review*

- *Pull request ID set to 48732*

#4 - 08/07/2023 03:34 PM - Patrick Donnelly

- *Status changed from Fix Under Review to Resolved*

- *Target version changed from v18.0.0 to v19.0.0*

- *Source set to Development*

- *Backport deleted (pacific,quincy)*

Not planning to backport this the minor log segment PR.