

fs - Feature #43423

mds: collect and show the dentry lease metric

12/26/2019 06:10 AM - Xiubo Li

Status:	Fix Under Review	% Done:	0%
Priority:	High		
Assignee:	Xiubo Li		
Category:			
Target version:	v16.0.0		
Source:	Development	Affected Versions:	
Tags:		Component(FS):	MDS
Backport:		Labels (FS):	
Reviewed:		Pull request ID:	32479
Description			
Kclient will collect the dentry lease metric and send it to the MDS, currently this hasn't been shown in the perf stats.			
Related issues:			
Related to fs - Feature #24285: mgr: add module which displays current usage ...		Fix Under Review	
Related to Linux kernel client - Feature #43215: kclient: send usage metrics ...		Resolved	

History

#1 - 12/26/2019 06:12 AM - Xiubo Li

Locally the patch is ready, but depend on <https://github.com/ceph/ceph/pull/26004>, which hasn't been merged yet.

```
# ./bin/ceph fs perf stats | python -m json.tool
{
  "client_metadata": {
    "client.4273": {
      "IP": "v1:192.168.195.165",
      "hostname": "fedora1",
      "mount_point": "N/A",
      "root": "/"
    }
  },
  "counters": [
    "cap_hit"
  ],
  "global_counters": [
    "read_latency",
    "write_latency",
    "metadata_latency",
    "dentry_lease_hit"
  ],
  "global_metrics": {
    "client.4273": [
      [
        0,
        0
      ],
      [
        0,
        0
      ],
      [
        0,
        0
      ],
      [
        41,
        0
      ]
    ]
  }
},
```

```
"metrics": {
  "delayed_ranks": [],
  "mds.0": {
    "client.4273": [
      [
        171,
        1
      ]
    ]
  }
}
```

#2 - 12/26/2019 06:14 AM - Xiubo Li

- Tracker changed from Bug to Feature

#3 - 12/26/2019 06:15 AM - Xiubo Li

<https://tracker.ceph.com/issues/24285>

#4 - 12/26/2019 06:16 AM - Xiubo Li

- Related to Feature #24285: mgr: add module which displays current usage of file system (`fs top`) added

#5 - 12/26/2019 06:16 AM - Xiubo Li

- Related to Feature #43215: kclient: send usage metrics to MDS added

#6 - 01/02/2020 07:02 PM - Patrick Donnelly

- Target version set to v15.0.0

- Source set to Development

#7 - 01/03/2020 01:51 AM - Xiubo Li

Patches are ready and waiting for the depending PR [1] to be merged.

[1] <https://github.com/ceph/ceph/pull/26004>

#8 - 01/09/2020 06:45 AM - Xiubo Li

- Status changed from In Progress to Fix Under Review

#9 - 01/24/2020 11:19 PM - Patrick Donnelly

- Status changed from Fix Under Review to In Progress

- Target version changed from v15.0.0 to v16.0.0

#10 - 06/08/2020 11:07 PM - Xiubo Li

- Status changed from In Progress to Fix Under Review

- Pull request ID set to 32479