

**Ceph - MDS Reporting Slow requests** ..... 3

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# Ceph - MDS Reporting Slow requests

- Ceph MDS가 slow request 가 Ceph FS 가
- clients failing to respond to capability release 가

```
[root@ceph-monitor ~]# ceph -s
cluster:
  id:          xxxxxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxx
  health: HEALTH_WARN
             3 clients failing to respond to capability release
             2 MDSs report slow requests
[root@ceph-monitor ~]# ceph health detail
MDS_SLOW_REQUEST 2 MDSs report slow requests
  mdsceph-mds0(mds.1): 6707 slow requests are blocked > 30 sec
  mdsceph-mds1(mds.0): 6659 slow requests are blocked > 30 sec

MDS_CLIENT_LATE_RELEASE 3 clients failing to respond to capability release
  mdsceph-mds1(mds.0): Client xxxxxxxx:health_check failing to respond to
  capability releaseclient_id: 58094341
  mdsceph-mds1(mds.0): Client xxxxxxxx:health_check failing to respond to
  capability releaseclient_id: 58345871
  mdsceph-mds1(mds.0): Client xxxxxxxx:health_check failing to respond to
  capability releaseclient_id: 58412670
```

1.

```
# ceph health detail
HEALTH_WARN 3 clients failing to respond to capability release; 2 MDSs
report slow requests
MDS_CLIENT_LATE_RELEASE 3 clients failing to respond to capability release
  mdsceph-mds1(mds.0): Client 123456789:health_check failing to respond to
  capability releaseclient_id: 5555555
  mdsceph-mds1(mds.0): Client 123456789:health_check failing to respond to
  capability releaseclient_id: 5555554
  mdsceph-mds1(mds.0): Client 123456789:health_check failing to respond to
  capability releaseclient_id: 5555553
MDS_SLOW_REQUEST 2 MDSs report slow requests
  mdsceph-mds0(mds.1): 6707 slow requests are blocked > 30 sec
  mdsceph-mds1(mds.0): 6659 slow requests are blocked > 30 sec
```

```
# ceph -s
health: HEALTH_WARN
      3 clients failing to respond to capability release
      2 MDSs report slow requests
```

2. `ceph -s` 가 MDS가 ( `mds.0`) MDS  
`dump_ops_in_flight` . `client.123456789`가 rdlock  
가 .

```
# ceph daemon mds.0 dump_ops_in_flight
{
  "ops": [
    {
      "description": "client_request(client.123456789:12 lookup
#0x1/health_check 2018-03-30 14:28:21.223159 caller_uid=1001,
caller_gid=994{})",
      "initiated_at": "2018-03-30 14:28:21.223897",
      "age": 248958.400523,
      "duration": 248958.400541,
      "type_data": {
        "flag_point": "failed to rdlock, waiting",
        "reqid": "client.123456789:12",
        "op_type": "client_request",
        "client_info": {
          "client": "client.123456789",
          "tid": 12
        },
      },
      "events": [
        {
          "time": "2018-03-30 14:28:21.223897",
          "event": "initiated"
        },
        {
          "time": "2018-03-30 14:28:21.224145",
          "event": "failed to rdlock, waiting"
        }
      ]
    }
  ]
}
```

3. `ceph -s` 가 ( `client.123456789`) mds  
. `session ls` 가 ceph version 10.2.7  
.

```
# ceph daemon mds.0 session ls
{
  "id": 123456789,
  "num_leases": 0,
  "num_caps": 1,
  "state": "open",
  "replay_requests": 0,
}
```

```
"completed_requests": 0,  
"reconnecting": false,  
"inst": "client.123456789 1.2.3.4:0/1111111111",  
"client_metadata": {  
  "ceph_sha1": "50e863e0f4bc8f4b9e31156de690d765af245185",  
  "ceph_version": "ceph version 10.2.7  
(50e863e0f4bc8f4b9e31156de690d765af245185)",  
  "entity_id": "POOL",  
  "hostname": "ip-1.2.3.4",  
  "mount_point": "/home/sc/mnt/ceph",  
  "root": "/"  
}
```

가

MDS

```
# ceph tell mds.0 client evict id=123456789
```

- <https://access.redhat.com/solutions/3399771>
- <https://access.redhat.com/solutions/6979804>

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