

## Ceph - Bug #22247

### ceph df report wrong pool usage pct

11/27/2017 06:27 AM - Xiaoxi Chen

<b>Status:</b> Resolved	<b>% Done:</b> 0%
<b>Priority:</b> Normal	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b> Xiaoxi Chen	
<b>Category:</b>	
<b>Target version:</b>	
<b>Source:</b> Community (dev)	<b>Affected Versions:</b>
<b>Tags:</b>	<b>ceph-qa-suite:</b>
<b>Backport:</b> luminous	<b>Pull request ID:</b>
<b>Regression:</b> No	<b>Crash signature (v1):</b>
<b>Severity:</b> 3 - minor	<b>Crash signature (v2):</b>
<b>Reviewed:</b>	

**Description**

In previous code we use USED/ USED + MAX\_AVAIL, in PR <https://github.com/ceph/ceph/pull/10584> however, the USED here is nominal amount stored by the pool, but MAX\_AVAIL is RAW\_AVAIL can be used by the pool.

```
root@ceph-dev-d-1337821:~# ceph df detail
GLOBAL:
  SIZE      AVAIL      RAW USED    %RAW USED   OBJECTS
  18592G    12574G     6017G      32.37       19246k
POOLS:
  NAME      ID      QUOTA OBJECTS  QUOTA BYTES  USED    %USED    MAX AVAIL  OBJ
  ECTS     DIRTY  READ   WRITE   RAW USED
  cephfs_meta  5      N/A    N/A    N/A      5950M   0.25     2334G     110
  65605     10806k 122M   2076M  17851M
  cephfs_data  6      N/A    N/A    N/A      1851G   18.77    8016G     86
  43254     8440k  460M   5590M  5555G
```

**Related issues:**

Duplicated by RADOS - Bug #22232: ceph df %used output is wrong	<b>Duplicate</b>	<b>11/23/2017</b>
Copied to RADOS - Backport #22270: ceph df report wrong pool usage pct	<b>Resolved</b>	

### History

#### #1 - 11/27/2017 06:27 AM - Xiaoxi Chen

- Backport set to luminous,jewel

#### #2 - 11/27/2017 06:31 AM - Xiaoxi Chen

- Assignee set to Xiaoxi Chen

- Source set to Community (dev)

#### #3 - 11/28/2017 04:20 AM - Kefu Chai

- Description updated

- Status changed from New to Fix Under Review

#### #4 - 11/28/2017 05:29 AM - Xiaoxi Chen

- Backport changed from luminous,jewel to luminous,kraken

Not need to backport to jewel.

**#5 - 11/29/2017 08:15 AM - Kefu Chai**

- Status changed from Fix Under Review to Pending Backport

**#6 - 11/29/2017 08:18 AM - Kefu Chai**

<https://github.com/ceph/ceph/pull/19165>

**#7 - 11/29/2017 08:19 AM - Kefu Chai**

- Copied to Backport #22270: ceph df report wrong pool usage pct added

**#8 - 11/29/2017 08:27 AM - Kefu Chai**

- Backport changed from luminous,kraken to luminous

kraken is EOL in August. removing from backport.

**#9 - 11/29/2017 09:26 PM - Greg Farnum**

- Status changed from Pending Backport to Resolved

<https://github.com/ceph/ceph/pull/19230> for luminous

**#10 - 12/12/2017 02:23 PM - Nathan Cutler**

- Duplicated by Bug #22232: ceph df %used output is wrong added