

## mgr - Bug #22947

### Prometheus exporter module fails due to incorrect PG\_STATES

02/07/2018 02:49 PM - Alex Anderson

<b>Status:</b> Duplicate	<b>% Done:</b> 0%
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Source:</b> Community (user)	<b>Reviewed:</b>
<b>Tags:</b>	<b>Affected Versions:</b>
<b>Backport:</b>	<b>ceph-qa-suite:</b>
<b>Regression:</b> No	<b>Pull request ID:</b>
<b>Severity:</b> 3 - minor	<b>Crash signature:</b>
<b>Description</b>	
<p>The Prometheus exporter module (ceph: src/pybind/mgr/prometheus/module.py) has a bug where the list of "known" placement group states (PG_STATES) has values that do not entirely match what comes from Ceph.</p> <p>This may be because the values match an older version of Ceph - I currently don't have visibility of this.</p> <p>I have been fixing them in a local version to improve monitoring of my cluster, and have thus far have made the following changes:</p> <ol style="list-style-type: none"><li>1. Original, broken PG_STATES #PG_STATES = ['creating', 'active', 'clean', 'down', 'scrubbing', 'degraded', 'inconsistent', 'peering', 'repair', 'recovering', 'forced-recovery', 'backfill', 'forced-backfill', 'wait-backfill', 'backfill-toofull', 'incomplete', 'stale', 'remapped', 'undersized', 'peered']</li><li>1. PG_STATES, adjusted as new issues are found PG_STATES = ['creating', 'active', 'clean', 'down', 'scrubbing', 'degraded', 'inconsistent', 'peering', 'repair', 'recovering', 'incomplete', 'stale', 'remapped', 'undersized', 'peered',<ol style="list-style-type: none"><li>1. The following states are incorrectly named in the original list 'forced_recovery', 'backfilling', 'forced_backfill', 'backfill_wait', 'backfill_toofull',</li><li>1. the following states are missing, but documented on <a href="http://docs.ceph.com/docs/master/rados/operations/pg-states/">2. http://docs.ceph.com/docs/master/rados/operations/pg-states/</a> 'deep',</li><li>1. The following states are undefined on <a href="http://docs.ceph.com/docs/master/rados/operations/pg-states/">2. http://docs.ceph.com/docs/master/rados/operations/pg-states/</a> 'recovery_wait'</li></ol></li></ol>	
<b>Related issues:</b>	
Duplicates mgr - Bug #22116: prometheus module 500 if 'deep' in pg states	<b>Resolved</b> 11/13/2017

#### History

##### #1 - 02/12/2018 07:11 PM - Greg Farnum

- Project changed from Ceph to mgr
- Category deleted (common)

##### #2 - 02/13/2018 11:12 AM - John Spray

- Related to Bug #22116: prometheus module 500 if 'deep' in pg states added

##### #3 - 02/13/2018 11:12 AM - John Spray

- Related to deleted (Bug #22116: prometheus module 500 if 'deep' in pg states)

**#4 - 02/13/2018 11:12 AM - John Spray**

- Duplicates Bug #22116: prometheus module 500 if 'deep' in pg states added

**#5 - 02/13/2018 11:12 AM - John Spray**

- Status changed from New to Duplicate

Thanks for the report: the fix for this will be part of the forthcoming 12.2.3 release.