Placement group auto-scaling

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.

```
ceph osd pool set <pool-name> pg_autoscale_mode <mode>
```

foo   .

```
$ ceph osd pool set foo pg_autoscale_mode on

#
$ for i in `ceph osd pool ls`; do echo $i; ceph osd pool set $i
pg_autoscale_mode on; done

#
$ ceph osd pool autoscale-status
```

pg_autoscale_mode   .
(off, warn, on)

```
ceph config set global osd_pool_default_pg_autoscale_mode <mode off, warn,
on>
```

noautoscale   /   .
off   on   .

```
ceph osd pool set noautoscale
```

off   .

```
ceph osd pool unset noautoscale
```

get   .

```
ceph osd pool get noautoscale
```

PG

,   PG   .

```
ceph osd pool autoscale-status
```

.

```
POOL     SIZE  TARGET SIZE  RATE  RAW CAPACITY   RATIO  TARGET RATIO
EFFECTIVE RATIO BIAS PG_NUM  NEW PG_NUM  AUTOSCALE BULK
a    12900M               3.0       82431M  0.4695
8        128   warn      True
c        0               3.0       82431M  0.0000        0.2000
0.9884  1.0      1         64  warn       True
b        0      953.6M   3.0       82431M  0.0347
8
```

- https://access.redhat.com/documentation/en-us/red_hat_ceph_storage/4/html/storage_strategies_guide/placement_groups_pgs
- https://docs.ceph.com/en/latest/rados/operations/placement-groups/

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