OSD

```
# list
ceph osd tree
# log
/var/log/ceph
#
sysctl -w kernel.pid_max=4194303

# ceph health
HEALTH_ERR 1 nearfull osds,1 full osds
osd.2is near full at 85%
osd.3is full at 97%

#        osd
ceph tell osd.id injectargs '--mon-osd-full-ratio .98'
ceph tell osd.id injectargs '--mon-osd-full-ratio 0.98'
#    osd   crush weight
ceph osd crush reweight osd.id {a-little-lower-weight-value}

#
ceph osd set noup # prevent OSDs from getting marked up
ceph osd set nodown # prevent OSDs from getting marked down
```