

Ceph 2003 . 2006 LGPL 2.1 Ceph
() Ceph
RADOS () Ceph RADOS Amazon S3 OpenStack
Ceph ?
Ceph

#1 –

Ceph HDD SSD (bluestore
() M.2 SATA M.2
M.2 ssd

#2 – OSD RAID

HDD RAID Ceph
RAID

- ()
-

#3 – MON OSD

Ceph 99%
(<https://docs.ceph.com/en/latest/rados/>)
OSD ”
(3)

#4 - min_size

min_size 1 2 RAID1

—Ceph

#5 -

CPU - PCB CPU ?

CPU —

3 60 18TB osd

Ceph Ceph Ceph Ceph

Ceph

Ceph OSD

Ceph

OSD

1. OSD JBOD RAID-0

2. /SSD RAID 1
3. OSD 4 GB RAM
4. 10 GbE (/) 4x 10 GbE 2x 25 GbE

- - 15%
 - 10 Gb ()
 - 56 OSD
 - OSD RAID 1 OS
 - 6:1 SSD OSD SSD
 - TB OSD 1.5 GB RAM
 - OSD 2 GHz
- - Ceph 4 GB RAM RAID 1 SSD
 - Ceph 4 GB RAM RAID 1 SSD
 - - 32 GB RAM RAID 1 SSD
 - iSCSI 16 GB RAM RAID 1 SSD
 - (/) 32 GB RAM RAID 1 SSD

Revision #3

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