

**Ceph Journal disk** ..... 3  
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# Ceph Journal disk

: Redhat Ceph 3 (Luminous 12.x) :

[https://access.redhat.com/documentation/en-us/red\\_hat\\_ceph\\_storage/3/html/operations\\_guide/managing-the-storage-cluster-size#replacing-a-journal-using-the-command-line-interface-ops](https://access.redhat.com/documentation/en-us/red_hat_ceph_storage/3/html/operations_guide/managing-the-storage-cluster-size#replacing-a-journal-using-the-command-line-interface-ops)

```
Ceph ) OSD Journal (osd_scenario: collocated
      ) OSD
      (osd_scenario: non-collocated ) OSD
_____가 가 .
```

noout .

```
[root@osd1 ~]# ceph osd set noout
```

OSD .

```
[root@osd1 ~]# systemctl stop ceph-osd@$OSD_ID
```

OSD .

```
[root@osd1 ~]# ceph-osd -i $OSD_ID --flush-journal
```

```
가 . sgdisk --delete=$OLD_PART_NUM --
$OLD_DEV_PATH .
```

- \$OLD\_PART\_NUM
- \$OLD\_DEV\_PATH

/dev/sda1

```
[root@osd1 ~]# sgdisk --delete=1 -- /dev/sda
```

```
. sgdisk
sgdisk --new=0:0:$JOURNAL_SIZE -- $NEW_DEV_PATH .
```

- \$JOURNAL\_SIZE ( 5GB. 10GB )
- NEW\_DEV\_PATH

10GB

```
[root@osd1 ~]# sgdisk --new=0:0:10240M -- /dev/sda
```

- \$OLD\_PART\_UUID    OSD    journal\_uuid    UUID    .    OSD 0    UUID  
  /var/lib/ceph/osd/ceph-0/journal\_uuid
- NEW\_DEV\_PATH

```
[root@osd1 ~]# sgdisk --change-name=0:"ceph journal" --partition-  
guid=0:a1279726-a32d-4101-880d-e8573bb11c16 --typecode=0:097c058d-0758-4199-  
a787-ce9bacb13f48 --mbrtogpt -- /dev/sda
```

sgdisk

```
[root@osd1 ~]# ceph-osd -i $OSD_ID --mkjournal
```

OSD

```
[root@osd1 ~]# systemctl start ceph-osd@$OSD_ID
```

OSD    noout

```
[root@osd1 ~]# ceph osd unset noout
```

```
[root@osd1 ~]# ceph-disk list
```

- [https://access.redhat.com/documentation/en-us/red\\_hat\\_ceph\\_storage/3/html/operations\\_guide/managing-the-storage-cluster-size#replacing-a-journal-using-the-command-line-interface-ops](https://access.redhat.com/documentation/en-us/red_hat_ceph_storage/3/html/operations_guide/managing-the-storage-cluster-size#replacing-a-journal-using-the-command-line-interface-ops)
- <https://access.redhat.com/solutions/2328701>

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