

Move DB to new drive

```
blkid
/dev/nvme0n1p3: PARTLABEL="DB" PARTUUID="b30d904f-94ce-4776-982a-
db5947dac1cd"

ceph osd set noout
systemctl stop ceph-osd@3
systemctl disable ceph-osd@3

ddrescue -f -n -vv c66f0c74-12b2-aa42-afc4-f4bd12bfa87c DB.img<NEW>
```

Replace disk, restore partition layout.

```
ddrescue -f -n -vv DB.img /dev/nvme0n1p3
```

Restore original UUID

```
gpart /dev/nvme0n1
x
c
3
<UUID>
w
```

```
partprobe
```

Verify ceph osd config:

```
ceph-volume lvm list
```

Activate volume:

```
ceph-volume lvm activate --all
```

LVM way

```
pvccreate /dev/sdd7
vgextend ceph-bf4ade97-581a-4832-a517-2d83503fe01d /dev/sdd7

lvscan
pvmove -n /dev/ceph-bf4ade97-581a-4832-a517-2d83503fe01d/osd-
db-40769e33-2fb8-431d-8996-40870e35c3ee /dev/sdc7 /dev/sdd7

vgreduce ceph-bf4ade97-581a-4832-a517-2d83503fe01d /dev/sdc7
```

```
pvremove /dev/sdc7
```

Activate volume:

```
ceph-volume lvm list
```

```
[db] /dev/ceph-bf4ade97-581a-4832-a517-2d83503fe01d/osd-  
db-40769e33-2fb8-431d-8996-40870e35c3ee
```

```
    block device /dev/ceph-fee9396-  
abeb-4b50-8cdc-3a35598ec651/osd-block-c794c0d0-0515-4bfb-bb54-00656fa8712d  
    db device /dev/ceph-bf4ade97-581a-4832-  
a517-2d83503fe01d/osd-db-40769e33-2fb8-431d-8996-40870e35c3ee  
    db uuid 5zRs08-Hif1-hIFp-rNf0-WTah-26MG-ojnLVh  
    devices /dev/sdd7
```

```
ceph-volume lvm activate --all
```

DRAFTS:

```
zfs create -V 5GB rpool/data/DB
```

```
ceph-bluestore-tool --path /var/lib/ceph/osd/ceph-3 --devs-source  
/var/lib/ceph/osd/ceph-3/block.db --command bluefs-bdev-migrate --dev-target  
/dev/zvol/rpool/data/DB
```

```
inferring bluefs devices from bluestore path  
device removed:1 /var/lib/ceph/osd/ceph-3/block.db  
device added: 1 /dev/zd144
```

Rollback:

```
ceph-bluestore-tool --path /var/lib/ceph/osd/ceph-3 --devs-source  
/var/lib/ceph/osd/ceph-3/block.db --command bluefs-bdev-migrate --dev-target  
/dev/nvme0n1p3
```

```
/usr/bin/ln -snf /dev/zd144 /var/lib/ceph/osd/ceph-3/block.db
```

```
ceph-bluestore-tool -path /var/lib/ceph/osd/ceph-12 -devs-source /var/lib/ceph/osd/ceph-12/block  
-devs-source /var/lib/ceph/osd/ceph-12/block.db -command bluefs-bdev-migrate -dev-target -dev-  
target /dev/vdg1
```

From:

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