

# □□□□&&□□

## □□□□□□□□

```
# □□□(□□□□□□□□□□)
dd if=/dev/zero of=testfile bs=1G count=1 conv=fdatasync

# □□□□
echo 3 | sudo tee /proc/sys/vm/drop_caches

# □□□□□□□□□□□□□□□□
dd if=testfile of=/dev/null bs=1G
```

## □□□□

```
yum install -y yum-utils \
  xfsprogs \
  device-mapper-persistent-data \
  lvm2

# □□□□□□□□□□
fdisk -l

# □□□□□
pvcreate /dev/vdb #□□□□□□□□

# □□□□□□
# vgcreate <vg_name> <pv_path>
vgcreate vg_vdb /dev/vdb

# □□□□□□
# lvcreate -n <lv_name> -l <size> <vg_name>
# -l 100%VG VG□□□□
```

```

# -L 200G 10240M
lvcreate -n lv0 -l 100%VG vg_vdb

# ████
# mkfs.xfs <lv_path>
mkfs.xfs /dev/vg_vdb/lv0

mkdir -p /data
# █
echo "/dev/vg_vdb/lv0 /data xfs defaults 1 1" >> /etc/fstab #███data

mount -a

df -hT

du -h --max-depth=1 | sort -hr

```



```

fdisk -l

Disk /dev/vda: 42.9 GB, 42949672960 bytes, 83886080 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x000bcb4e

   Device Boot      Start         End      Blocks   Id  System
/dev/vda1    *          2048     83886079     41942016   83  Linux

"system" ["Linux" ████████MBR["system" ["GPT" ████████GPT█

```

```
# [redacted]
```

```
lsblk -f
```

| NAME          | FSTYPE      | LABEL | UUID   | MOUNTPOINT |
|---------------|-------------|-------|--|------------|
| sdb           | LVM2_member |       | 5CZc4N- IkIX- L8Ht- ptS7- X260- yFcz- 3uajVe |            |
| L--data- data | xf          |       | e97e47e4- ff6c- 4707- b275- e74daeae8923     | /data      |
| sda           |             |       |  |            |
| L--sda1       | ext4        |       | 414df44a- 36f4- 4406- bfb0- 8bebe6c31e49     | /          |

```
[redacted]
```

```
# [redacted]
```

```
growpart /dev/vdb 1
```

```
# [redacted]xf
```

```
xf_growfs /data
```

```
[redacted]VG
```

```
# [redacted]PV
```

```
pvd
```

```
pvs
```

```
# [redacted]vg
```

```
vgd
```

```
vgs
```

```
# [redacted]lv
```

```
lvd
```

```
lvs
```

```
# [redacted]vg
```

```
sudo vgchange -ay your_vg
```



```
# PV
pvresize /dev/vdb

# LV
lvresize -L +80G /dev/vg_sdb/lv0
lvresize -L +100%FREE /dev/vg_sdb/lv0

# xfs
xfs_growfs /dev/mapper/vg_sdb-lv0
# xfs_growfs /data

# ext2/ext3/ext4
# resize2fs /dev/mapper/vg_sdb-lv0
```

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#24

26 2023 10:47:51

27 2026 02:05:50