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lvm

Resize

Increase Logical Volume Size

Increase by 1GB

```
lvextend -L +1G /dev/centos/home
```

Decrease Logical Volume Size

Decrease by 1GB

```
lvreduce -L 1G /dev/centos/var
```

Filesystem Resize

For ext3 & ext4

```
resize2fs /dev/centos/home
```

For xfs

```
xfs_growfs /dev/centos/home
```

VM Related

mount lvm disk on partition

```
kpartx -av /dev/volKVM/kvm106_img  
mount /dev/mapper/volKVM-kvm106_img1 /mnt
```

unmount lvm disk

```
umount /mnt
```

```
kpartx -dv /dev/volKVM/kvm106_img
```

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