

Expanding a drive (LUKS and normal)

Normal drives

Most of the times this command will work

```
sudo growpart /dev/nvme0n1 1
```

If not you need to find out what [Drive] is supposed to be, examine the following commands output

```
sudo lsblk
```

In the following example it would be nvme0n1p1

```
NAME          MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
nvme0n1       259:1   0 20G  0 disk
└─nvme0n1p1   259:2   0 20G  0 part /
└─nvme0n1p128 259:3   0  1M  0 part
```

Run the commands

```
sudo growpart /dev/[Drive] 1
```

LUKS drives

First make sure that the drive is opened and mounted.

To find out what [Drive] is supposed to be, examine the following commands output

```
sudo lsblk
```

In the following example it would be `crypt-sdf`

```
NAME      MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
nvme0n1   259:1  0 20G  0 disk
├─nvme0n1p1 259:2  0 20G  0 part /
└─nvme0n1p128 259:3  0 1M  0 part
nvme1n1   259:0  0 50G  0 disk
└─crypt-sdf 253:0  0 30G  0 crypt /mnt/sda
```

Run the commands

```
sudo cryptsetup resize [Drive]
sudo resize2fs /dev/mapper/[Drive]
```

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