

# Ubuntu /dev/mapper/ubuntu--vg-ubuntu--lv

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1.

```
root@root: ~# df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	1.9G	0	1.9G	0%	/dev
tmpfs	393M	2.1M	391M	1%	/run
/dev/mapper/ubuntu--vg-ubuntu--lv	14G	4.4G	8.8G	34%	/
tmpfs	2.0G	0	2.0G	0%	/dev/shm
tmpfs	5.0M	4.0K	5.0M	1%	/run/lock
tmpfs	2.0G	0	2.0G	0%	/sys/fs/cgroup
/dev/loop0	90M	90M	0	100%	/snap/core/8268
/dev/sda2	976M	82M	828M	9%	/boot
tmpfs	393M	20K	393M	1%	/run/user/125
tmpfs	393M	56K	393M	1%	/run/user/1000

**vg**

```
root@root: ~# vgdisplay
```

```
--- Volume group ---
VG Name                ubuntu-vg
System ID
Format                 lvm2
Metadata Areas         1
Metadata Sequence No   3
VG Access               read/write
VG Status               resizable
MAX LV                 0
Cur LV                 1
Open LV                 1
Max PV                 0
```

Cur PV	1
Act PV	1
VG Size	<79.00 GiB
PE Size	4.00 MiB
Total PE	20223
Alloc PE / Size	3584 / 14.00 GiB
Free PE / Size	16639 / <65.00 GiB
VG UUID	mg1Zau-atla-jy56-ycyN-e6dS-UJC9-1ErQU7

```
lvextend -L 120G /dev/mapper/ubuntu--vg-ubuntu--lv // 120G
lvextend -L +20G /dev/mapper/ubuntu--vg-ubuntu--lv // 20G
lvreduce -L 50G /dev/mapper/ubuntu--vg-ubuntu--lv // 50G
lvreduce -L -8G /dev/mapper/ubuntu--vg-ubuntu--lv // 8G
lvresize -L 30G /dev/mapper/ubuntu--vg-ubuntu--lv // 30G
```

```
resize2fs /dev/mapper/ubuntu--vg-ubuntu--lv //
```

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