

ubuntu查看剩余空间并扩充到文件系统

操作系统: ubuntu-22.04.4

查看硬盘分区情况

```
lsblk
```

```
lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
fd0         2:0    1    4K  0 disk
sda         8:0    0  68.4G  0 disk
├─sda1      8:1    0    1M  0 part
├─sda2      8:2    0    2G   0 part /boot
└─sda3      8:3    0  66.4G  0 part
   └─ubuntu--vg-ubuntu--lv 252:0   0  33.2G  0 lvm /
sdb         8:16   0     0B   0 disk
sdc         8:32   0     0B   0 disk
sr0        11:0    1 1024M  0 rom
sr1        11:1    1 1024M  0 rom
```

查看卷组信息

```
vgdisplay
```

```
--- Volume group ---
VG Name          ubuntu-vg
System ID
Format           lvm2
Metadata Areas   1
Metadata Sequence No 2
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         <66.36 GiB
PE Size         4.00 MiB
Total PE        16988
Alloc PE / Size 8494 / <33.18 GiB
Free PE / Size  8494 / <33.18 GiB
VG UUID         d3gd2w-51eB-01fp-utWm-PkKS-VLRD-mAn02o
```

执行扩容

```
# 扩充所有空闲空间
lvextend -l +100%FREE /dev/mapper/ubuntu--vg-ubuntu--lv
# 执行变更
resize2fs /dev/mapper/ubuntu--vg-ubuntu--lv
```

参考资料

- [【CSDN】 - ubuntu系统将磁盘剩余容量扩到文件目录上](#)

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