

Expanding VM Filesystem Size

If the VM hits the size limit, but there is more space allocated, or you allocated the space. These steps will help with expanding the size of the volume.

Checking the Size

1. Check Disk Usage to see which disk is affected

```
df -h
```

2. Check volume group for free space

```
sudo vgdisplay
```

If there is no space, you will need to allocate more through Hypervisor

Expanding filesystem root

1. Extend logical volume

```
sudo lvextend -l +100%FREE /dev/ubuntu-vg/ubuntu-lv
```

This will add remaining space to the root system

2. Resize filesystem

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

3. Verify disk size and usage

```
df -h /
```

Revision #1

Created 2025-09-19 16:00:08 UTC by lumxux

Updated 2025-09-19 16:06:40 UTC by lumxux