

Resizing a VM NethServer7 hosted by Proxmox

Difficulté



Facile



The VM NethServer has been created by a “stock” installation with only 1 disk!

Proxmox

- Stop the VM and make a backup of it.
- Increase the space of the hard drive of the VM.
- Load the ISO of [SystemRescueCD](#) into the Proxmox and give it as CD/DVD drive of the VM.

SystemRescueCD

- Start the VM and select the drive of SystemRescueCD as a boot drive
- startx to start the GUI
- Start gparted, find the right partition (dev/sda2 for me) and grow it
- Reboot

NethServer

- Proceed a normal start of the VM
- # pvdisplay to find the physical volume to grow (/dev/vda2 for me)
- # pvresize /dev/vda2
- # lvdisplay to find the logical volume to grow (/dev/VolGroup/lv_root for me)
- # lvresize -l +100%FREE /dev/VolGroup/lv_root
- grow the XFS files system

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# xfs_growfs /dev/VolGroup/lv_root
```

(resize2fs doesn't work because of the XFS files system)

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