Setup proxmox

Server laptop: 8gb ram, dell latitude

During installation choose graphical > key in country name > connect to lan and assign an ip address (this can still be later edited in /etc/network/interfaces)> key in a password as well which will be used to login to both the web interface and your proxmox server itself.

Once installed access <https://server-ip:8006>

Proceed with the linux pam standard authentication

A screenshot of a login screen

Description automatically generated

Ignore this and just click ok as we are doing homelab

A screenshot of a computer error

Description automatically generated

Now expand the left panel and select local-lvm and as you can see here there are 300+gb of unused space

A screenshot of a computer

Description automatically generated

Click on Datacenter > Storage > local-lvm > remove

A screenshot of a computer

Description automatically generated

Select yes

A screenshot of a phone

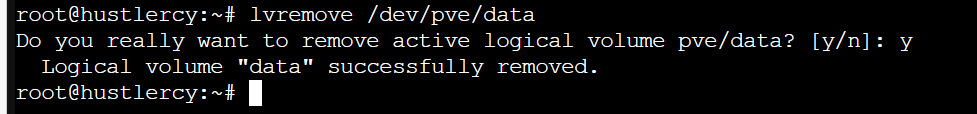
Description automatically generated

Now click on your proxmox node and select shell

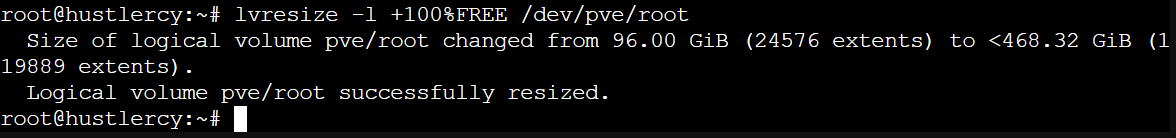
A screenshot of a computer

Description automatically generated

Run the command lvremove /dev/pve/data



Now run the command lvresize -l +100%FREE /dev/pve/root



Lastly, run resize2fs /dev/mapper/pve-root

A screenshot of a computer

Description automatically generated

Now you should see the full space available

A screenshot of a computer

Description automatically generated

Also, if you click on your node again and click on updates you can see some packages available. You can click on upgrade to upgrade it

A screenshot of a computer

Description automatically generated

A separate window will open up can just press Y and let it run

A computer screen shot of a black screen

Description automatically generated