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



Ignore this and just click ok as we are doing homelab



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



Click on Datacenter > Storage > local-lvm > remove



Select yes



Now click on your proxmox node and select shell



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



Now you should see the full space available



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

