Install Proxmox

By the end of this project you should have 3 instances of proxmox installed, clustered, and connected to TrueNas.

**Do not give your proxmox instances the same name. Make sure they are unique or you will have issues later** (I named mine jproxmox1 and jproxmox2)

See the equipment list [here](#).

- Begin by downloading the proxmox iso. I used version 7.0 [here](#).
- You need to create a bootable flash drive and make your hardware boot from the flash drive. To do this, you may need to pause the bootup at the bios screen and manually tell it to boot from flash drive. Then do the install. Instructions. I have used rufus before and it seemed to work ok. (You can share flash drives if you want)
- You should also connect to my NFS iso share (given below). You will use this to install vm’s from later.
- Connect to your TrueNas share

After you have successfully performed the install of proxmox and BEFORE you have installed any VM’s, cluster your proxmox instances together.

**Helps**

- The nfs iso share is at [144.38.192.167:/vol/student_vm/qemu/iso](#)
  - Some screenshots to connect share are [here](#)
- On some of the servers, you may need to go into the BIOS and edit the boot order. If it is a UEFI system, I think that if you make it boot from 0.0 first, it should boot from flash drive. You can also disable the other boot things by trial and error until it boots from the flash drive.
- You will need to create a bootable USB to install from.

**To Pass off**

Prove that you have created the hosts above. We will pass this off in class.