**Install Proxmox**

By the end of this project you should have 2 instances of proxmox installed. You should also have 3 virtual machines installed. **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).
- At least one VM should be Windows. If your windows VM cannot detect a disk, you should change the disk type to SATA.

**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.
- When installing Linux VM, you should use `mirror.cs.dixie.edu` on the mirror selection list. (Our vm’s have private ip’s and will not be able to traverse the public internet)

**To Pass off**

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