Setup NFS mount:

* sudo apt install network-manager
* touch /etc/NetworkManager/conf.d/100-disable-wifi-mac-randomization.conf

[connection]

wifi.mac-address-randomization=1

[device]

wifi.scan-rand-mac-address=no

* sudo systemctl enable NetworkManager.service
* sudo systemcrl start NetworkManager.service
* sudo mkdir -p /import/home
* /etc/fstab: 172.25.36.43:/export/home /import/home nfs defaults 0 0
* sudo mount -a

Add user:

* sudo adduser andy
* sudo adduser andy sudo
* sudo addgroup andy input
* Check 1001:1001
  + sudo usermod -u 1001 andy
  + sudo groupmod -u 1001 andy
  + sudo find / -group <old gid> -exec chgrp -h andy “{}” “;”
  + sudo find / -user <old uid> -exec chown -h andy “{}” “;”
* Add to ~andy/.bashrc

if [ -x /import/home/setupLinks.bash ]; then

/import/home/setupLinks.bash

fi

sudo raspi-config:

* Hostname: RaspPi4G

Preferences:

* Auto-Login: Disabled
* Interfaces: Enable VNC &SSH

Desktop Preferences:

* No Change

Citrix:

* <https://medium.com/@swagattripathy/installing-citrix-workspace-app-on-raspberry-pi-4b-e14399d4b9f3>
* <https://www.citrix.com/downloads/workspace-app/>
* cd ~/Downloads
* sudo dpkg -i icaclient\_19.12.0.19\_armhf.deb
* cd /opt/Citrix/ICAClient/keystore/cacerts
* sudo mkdir OLD; sudo mv \* OLD
* for I in `ls /etc/ssl/certs`; do echo $I; sudo ln -s /etc/ssl/certs/$I $I; done

Other:

* sudo apt install gpsd gpsd-clients
* Download / install VNC Viewer

<https://raspberrypi.org/documentation/hardware/raspberrypi/bcm2711_bootloader_config.md>

<https://zdnet.com/article/booting-my-raspberry-pi-4-from-a-usb-device>

<https://pimylifeup.com/raspberry-pi-boot-from-usb>

<https://raspberrypi.org/documentation/hardware/raspberrypi/bootmodes/msd.md>

<https://tomshardware.com/uk/how-to/boot-raspberry-pi-4-usb>

Install moonlight:

- Update /etc/apt/sources.list

**deb http://archive.itimmer.nl/raspbian/moonlight wheezy main**

- Install moonlight-embedded

*winetricks:*

[*https://forums.flyer.co.uk/viewtopic.php?t=79588*](https://forums.flyer.co.uk/viewtopic.php?t=79588) *x*

*Install winetricks*

*Set windows 10*

*winetricks dotnet30sp1*

*winetricks gdiplus*

[*http://forums.skydemon.aero/Topic7466.aspx*](http://forums.skydemon.aero/Topic7466.aspx)