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Linux Administration

Setup Documentation

First, I set up my Ubuntu server on VMware on my laptop. I actually downloaded and set up the Ubuntu desktop first, before I realized it was the wrong one. I started off by going to the Ubuntu website and downloading the Ubuntu server. Then I started up the VMware workstation and selected new machine. I chose the Ubuntu ISO file I had downloaded and followed the prompts till it was fully installed. I created a username and password on the first startup.

Next, I set up CentOS on my raspberry pi. It took some trial and error. I downloaded some wrong files a couple of times. I read from several different websites to figure out how to download the correct file and properly install it. I went to <http://isoredirect.centos.org/altarch/7/isos/armhfp/> and downloaded file <http://mirrors.ocf.berkeley.edu/centos-altarch/7.7.1908/isos/armhfp/CentOS-Userland-7-armv7hl-RaspberryPI-Minimal-4-1908-sda.raw.xz>. I then used 7-zip to extract the file. I put my micro SD card into the SanDisk adapter and put it in my computer. Then I opened Rufus (which is a universal USB installer). I selected the file I had extracted and left all other options at their defaults and started the program. After the image was fully loaded onto the SD card, I inserted into my raspberry pi. I connected the HDMI cable to my tv and plugged in the power cable, then turned it on. After logging in with the startup user information, I created a new user account and password.

These are some of the sites I read to learn how to install CentOS to a raspberry pi:

<https://tecadmin.net/install-centos-raspberry-pi/>

<https://raspberrypi.stackexchange.com/questions/42257/installing-centos-7-on-a-raspberry-pi>

<https://medium.com/@petermcd/installing-centos-on-a-raspberry-pi-2112e9ee68fc>

<https://github.com/rharmonson/richtech/wiki/Using-CentOS-7.2.1511-Minimal-on-the-Raspberry-PI-3>