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Week 1- Install details

I was successfully able to install and run VMware. I have installed the CentOS 8. (I did have to update my VMware to install it). For the CentOS settings, I choose the server without a GUI. I also opted to install a Container Management. I am not sure If it would come up, but I think would be a good addition. There were other options as well like installing a web server option. But I did not choose to install these services. As for the space, the Cent OS recommended to allow 20GB of space, but as per instructions I choose to install 25GB so I would have some room to play. With Debian it was similar options with a slightly different twist as I went on to the next part of the instructions.

I encountered issues on to the next part of the instructions which asked to create a sharing service. I first researched into smartie but didn’t find any helpful links. I then opted for a SAMBA SMB connection. By choosing this connection I would be able to communicate and transfer directories from one system to another. Installing SAMBA was a challenge on the Debian server. I read that Debian server by default does not come with the ‘sudo’ command which is necessary to download information. I then learned about the SU or the Super User which grants one the root authority to make changes. Most of the articles I read warned to only use SU when essential, and only do what you know as it can damage the OS. So I heeded the warning. From the super user account, I then installed Sudo, and then continued to install the SAMBA services. Once finished, I had to allot a folder which would be shared. But before I could allot a folder to share, I had to set the permissions for that shared folder. I then remembered learning about the CHMOD command and made good use of it by changing permissions.

Once the SAMBA service was started I tested it out. I created a text file inside the shared folder using VIM and then tried to access it from my windows desktop. Successfully opening that file was one of my accomplishments for the day. I did the same with CentOS and set up SAMBA services. With CentOS it was a little bit easier, as sudo came preinstalled. By reading the instructions and following the article (<https://www.linuxtechi.com/install-configure-samba-centos-8/>) I was able to set up this service. I did stray from the article as I did not create the same directories in the same location. I made sure that the shared directories for both the OS were placed inside my username under the ‘home/’ path. I think reading articles, and looking up material from my previous Linux class really helped and brought things to a full circle. One note that I made to myself is that when reading articles I just make sure that I understand what the article is talking about, instead of me just randomly inputting data and hoping for the right results. It makes it so that I’m learning what each command means and I would be able to track down issues when they occur.