Brandon Scott Zakaras

Reflective Journal #1:

Bottom Line Up Front:

I work as a COVA CCI Student Worker for my internship, which involves many different types of tasks for me to gain as much experience and knowledge as possible. Within the first 50 hours of my internship this semester, I have been learning how to build an Ubuntu Server with no GUI, learning what VDI's, LVM's, and VM's are and how they all work together, and how ODU manages their machines with a Microsoft piece of software called Intune, and how to wipe and reconnect a client's device to it.

Virtualized Machines:

I ran into multiple problems with the Ubuntu Server with no GUI, and with Intune and how to properly wipe the PC's. The problems that I ran into with the Ubuntu Server were finding the resources to download and compile source code from scratch, and how to extend storage through LVM and multiple virtual physical disks. After this week, I was able to figure out the solution to those problems, primarily by using the "Linux from Scratch" resource. I also had a meeting with one of my bosses, Terry Stilwell, to go over what an LVM entails, and what makes it easier to use than previous methods of growing partitions and volumes.

Intune for ODU:

I had two training sessions to learn everything there was to know about Intune and my involvement in it for wiping and re-assigning, where I learned how to properly wipe everything from a computer, and which files to run to reconnect them to ODU's services and management.

Conclusion:

I am genuinely enjoying my internship thus far, and am looking forward to my continued learning.

Resources:

Huntwork, J., & Burgess, M. (n.d.). *Welcome to linux from scratch!*. Welcome to Linux From
Scratch! https://www.linuxfromscratch.org/