

Thomas Roeseler

CYSE 368

Professor Duvall

10 March 2024

Roeseler Reflection Paper 2

Now that I have completed over 100 hours at IPConfigure as an Assembler, I've continued building servers and as time has progressed, there have been different types of servers that I've assembled. Also as I do more work, the more troubleshooting I have to do because the more work there is, the more issues there are going to be with components or any other issues that may occur. In the second 50 hours, I have done a lot more troubleshooting because of this and there have been different issues I have had to figure out and fix. One example of this is there was a bad motherboard, but I had to figure out if the CPU, RAM, power supply, or motherboard was the problem. Before we move the servers to the racks, we have to make sure that they work correctly, so I saw that the red CPU light and RAM light were flashing back and forth, so I knew something was wrong, but I had to figure out what, and ultimately, it ended up being the motherboard that was the problem. Something I will be working more on in my third 50 hours will be dealing more with the software side when we image instead of the hardware side of things.



This picture shows what the screen looks like after we plug our flash drives into the server to update the BIOS, after that, we update the settings that go with that type of server and then image it with which operating system is used for that order.



This picture is a close-up of the racks. In this picture, you can see the Dollar Tree servers that we built and are being updated and imaged at this point. Since some orders may have 25 servers, we will have to use multiple racks to place them all, so this is only one of three racks used for this order.