Mentor Visit Assessment 2

Mentor: Abhishek Teja

Profession: AWS Architect Consultant

Location: Phone Call

Date: February 7, 2020

Time: 6:00 p.m. - 6:40 p.m.

Assessment:

During this phone call visit with my mentor last week, I was able to ask my mentor new questions that arose as I watched the networking fundamentals videos that he showed me. We have not specifically started working on the final product yet, but what we went over the basic knowledge needed prior to getting started on this static website. He made it very clear to me how a network works and where, and when, the cloud comes into play in a network.
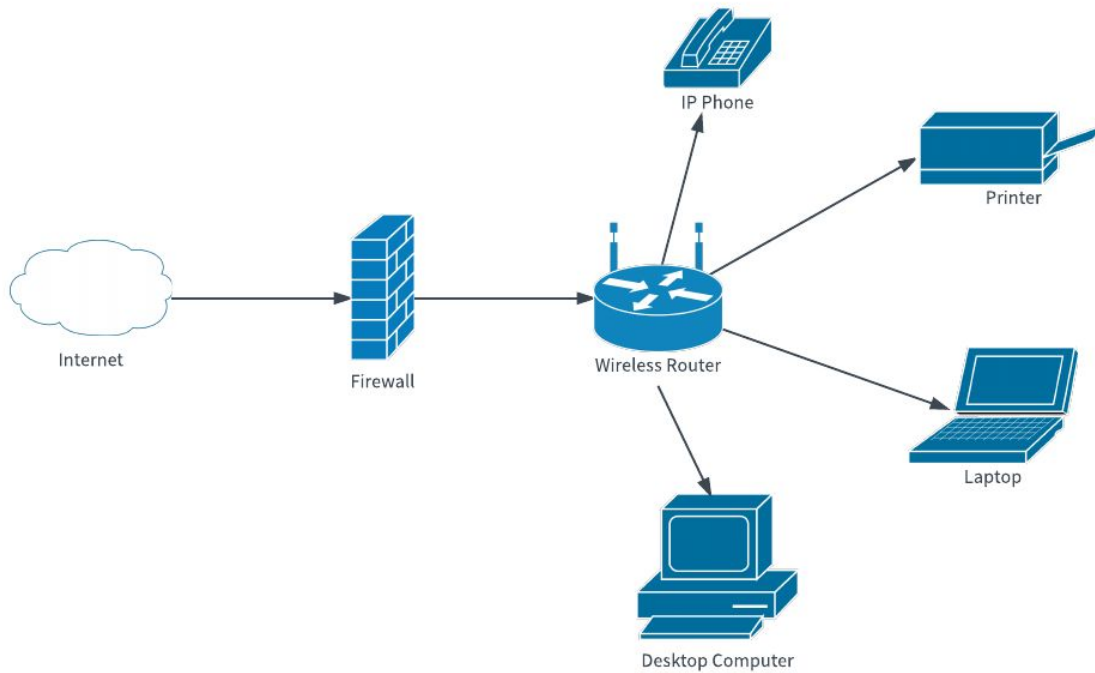
So to start of this visit, I asked my questions about the second video that talked about network cabling devices. The primary questions I had were about IEEE Standards, which my mentor explained about, and basically IEEE Standards are different communication methods in a network. He told me the basic ones that I really need to know are mainly Standard 802.3, which is for ethernet connections, and 802.11, which is WiFi. All of the other questions I had were pretty simple, asking about which cabling devices are the best, why, and which ones he works with.

After that, my mentor sent me a simple diagram of a network, while we were still talking on the phone, and he told me to think about the cloud as an ocean in the network. I learned about how the ocean (cloud in this scenario) is connected with many different pipes, which are the communication methods (aka cabling devices), in order to get messages across various devices. My mentor gave me a couple examples of what could be contained within those messages, which are pictures, texts, websites, and everyday online browsing. Finally, he told me how the firewall is a security measure between the communication so the messages do not get intercepted or hacked.

Later on, we talked about the product proposal that I had created prior to this visit. He told me that there were not many additions that I had to make for my proposal, but merely a few grammatical errors. While I was on the phone with him, he also said we could meet at starbucks when he gets back because his project term is over. Along with that, I asked him if we need to really talk about consulting that much, because it is the title that I am going after in ISM and in the future, but he said that consulting just comes along with the job as I move forward, so there isn't much to research specifically about it at this moment.

At the end, we talked about getting started on the final product website sometime next week because he is a little busy finding a new project as his old one has ended. So altogether, we are still yet to start the final product for ISM, but we are getting closer and closer to wrapping up

the basics in networking. Once we finish up the basics, I think the creation of the website will be more interesting, and I look forward to getting started on it soon.