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## Data center, three things that resonated with me

BLUF: Deputy John Pratt talked to us about his background as the Executive director of cloud computing at ODU and he also talked to us about the Data center and what it consists of, how they manage and protect it, and how vital it is to ODU.

### **Cloud services**

It was interesting to me when he was talking about how a lot of services from the server room have moved to the cloud and that AWS supports a lot of ODU's services. I wonder if there is more or less security when it comes to services in the cloud versus physical servers

### **What's in the Data center**

Deputy Pratt was listing what was in the data center and he said that there's 1,222 servers and how they have High computing servers which host a lot of information in the center rather than the cloud because of the amount of cost and amount of processing needed.

### **How they protect the data center**

I found it interesting how much is used to protect the data center. A huge generator that can support power for two weeks, fire suppression to evacuate all the oxygen in the room and remove fire, and the cooling system and back up AC units to keep the center cool. This shows how important the data center is.

Conclusion; I enjoyed learning about the data center and how important it is to keep services running at ODU and the effort put in place to keep it running.