Condo Daily Report 8-10-21

Friday

* Arrived at work and logged into the AWS production environment
  + Checked the Tableau Server EC2 instance for status
  + I did this because Kayce had implemented a server version update along with a Tableau Server Backup
  + All Services are up and running, and Tableau Server is updated to a more current version
  + Also checked the backups directory to find that there was already an automated backup that had happened this morning since the new update
* Meeting with Kayce and chandler
* Researched cloudwatch and implementations of lambda functions with cloudwatch
* Researched Automated SSL renewal using ACM(Amazon Certificate Manager)
* Researched how to implement Ubuntu Server update and assessed the risks involved
  + We will also implement an instance snapshot of the Ubuntu instance just in case of an update corruption
* Researched Former2 to find out how to visualize AWS resources and visualize connections
  + Launched a fake AWS instance and implemented a VPC with multiple subnets, a network gateway, 2 EC2 instances, and an elastic load balancer Across multiple AZs
  + The data transferred into Former2 showing it is possible for the company
* Created a new user in IAM along with a new IAM group
  + Set the group permissions to read-only access
* Researched lambda functions implemented in python for CI, and CD capabilities
  + This will also be useful for cloudwatch events
* Took the Cloud Practitioner practice exam
* Met with tech team to talk about future implementations for next week
* Took motherboards and processors out of old computers and prepped them to be thrown away
* Meeting with sumer, mike, and kayce regarding Okta profile sync error
* Kayce and I walked through Sumers steps, created a regex to match names, and were able to sync all bear cognition employee Microsoft 365 accounts, with Okta
* Looked over groups in Okta and discussed that some need to be removed with, but need to check with Mike