Condo Daily Report 8-18-21

Thursday

* Arrived at BC and reviewed logs from day before
  + Noticed that logs were still updating nicely
    - VPCFL logs still holding up
    - Environmental change logs still holding up
* National meeting
  + Took notes on national meeting
  + Looked at dashboard tech that was going to be presented to potential buyers
* Decided to tackle the automation of logs into S3 bucket
  + Researched how to do that
  + Decided best route was a lambda function
    - Created a new role for lambda function
      * Role gave perms for s3, logs, and system manager
    - Researched which strategy of lambda implementation was best
    - Decided to go with python 3.9 using the boto3 package
    - Implemented lambda function that I thought would work
      * It failed
      * Checked logs and said something about s3 environmental variable missing
      * Reviewed the code
      * Decided to implement boto3.client(‘s3’)
        + This calls all of the s3 service as a python object
        + This didn’t end up working because in order to look at the buckets you must be the user owner of the group
      * Thought I was at a dead end so I decided to go a different route
      * Found another lambda function that was implemented in JS
        + This function didn’t work either
      * Emailed Kayce asking for a meeting and agreed on a 3 pm
      * Ended up fixing the bug in the first function and getting the automation to run for one of the log groups
      * Debugged that there needed to be a time interval between log group execution
      * Implemented the fix
      * Log groups now automatically get pushed to s3 via flow
    - Cleaned up environment
      * Cut left over lambda functions
      * Cut left over cloudwatch events
      * Cut extra roles
    - Made queries for the log data
    - Made an alert for every time the data gets pushed to S3
      * Will be notified via email through SNS
    - Tried to push VPCFL data into Athena for query
      * Didn’t work, going to revision tomorrow
      * Need to figure out how log info is formatted
* Reviewed apps that weren’t needed on okta, notified Kayce
  + Kayce removed unnecessary apps