Condo Daily Report 8-31-21

Tuesday

* Went right back into AWS CloudFormation
  + Learned more about the YAML layout
  + Learned more about conditionals
  + Learned about stack essentials
    - This includes stack drifting
  + Learned how to protect stacks
    - Rollbacks
    - IAM policies
    - Resource policies
      * Deletion policies
        + Retention
  + Learned about rollbacks
    - Learned rollbacks are all or nothing
      * This means all resources must configure correctly or no resources will configure
* Learned about config
  + Learned that config is a very useful tool that works with CloudFormation
    - It can be used to do many automated actions
      * Stack detection
        + This allows a user to tell when stacks are created or activity happens in them

Utilizes SNS

* + - * Drift Detection
        + This is useful because it tells when the stack doesn’t match the template

Also utilizes SNS

* Drift detection using CLI
* Drift Remediation using CloudFormation editor
  + This consists of matching the template back up with the stack
    - This shows it will be useful to have drift checks in small periods
      * Around 1-3 hours
* Looked through AWS to see what extra resources we had
  + Created a word doc with all the resources we weren’t utilizing
    - Ran the list by Kayce
      * Deleted all the resources after Kayce’s approval
      * Kept the list just in case something breaks in the future
* Created a draft of resource list for perceptivity CloudFormation model
  + Began coding the ec2 instance portion in YAML
  + Will commit changes to the Github repo before leaving today
* Need to do more research in module based YAML implementation
* Also need to look more into stack set implementation