

Powershell For the Emailer

Start of the Task

- section for the needed data, progressively added throughout the process
- using Powershell for the whole process
- Powershell AWS module for creation and managing Services and roles

Simple Notification Service

- data needed for the SNS topic
- creation of the SNS topic
- saving the arn of the topic
- New-SNSTopic returns the arn even if the topic already exists

Lambda Function

- policy for the Role of the Lambda function
- creation of the Role for the Lambda function
- fetching role arn to add the policies to the role
- adding preconfigured policies to the role
- creation of the policy to grant access to the SNS topic publish action

Lambda Function

- for the policy, if it already exists, the arn is extracted from the list
- creation of the Lambda Function Powershell code
- writing the code to a file
- creating the Lambda function based on the ps1 file created

EventBridge Rule

- creation of the EventBridge rule
- registering target for the EventBridge
- adding permission to the function