Day 33

**DIY**

# Problem Statement: Setup AWS Config to evaluate compliance for the resources in your environment

**Use Case:**

You are the Cloud Engineer in one of the Pharma companies that has multiple workloads running in their AWS account. Your IT manager wants you to ensure proper security checks are put in place for compliance and take appropriate remediate action in case of non-compliance. You are instructed to deploy an AWS Config solution that should meet the following requirements.

Requirement 1

1. Check whether you’re running EC2 instances are using approved AMIs.
2. If non-compliance is found, configure Remediation Action to stop the EC2 instance automatically.
3. Identify who created the non-compliant resource using AWS CloudTrail Requirement 2
4. Identify if public read access is enabled for any S3 bucket.
5. If non-compliance, configure Remediation Action to send a notification to the Security Team
6. Identity who created the non-compliant resource using AWS CloudTrail

# Objective:

You will learn how to setup AWS Config to evaluate compliance for the resources in your environment.

# Topics Covered:

* + Provision AWS EC2 servers
  + Create an IAM role for AWS Config Remediation Automation Setup
  + initial AWS Config
  + Create AWS Config rule to identify non-compliance as mentioned in the requirements
  + Create Remediation Action in AWS Config as mentioned in the requirements

Ans:





