Scout24 Security Engineer AWS Template Case Study

# Task Description

Scout24 uses AWS CloudFormation extensively to setup Scout24 cloud environments. AWS CloudFormation provides a common language for you to describe and provision all the infrastructure resources in your cloud environment. CloudFormation allows you to use a simple text file to model and provision, in an automated and secure manner, all the resources needed for your applications across all regions and accounts.

This file serves as the single source of truth for your cloud environment. By using AWS CloudFormation a stack can already be setup in a secure manner with regards to several security topics like authentication, authorization or encryption. This ensures that security is already built-in if done correct.

# Exercise

Please analyze the CloudFormation template provided. Check against security best-practices and identify potential security issues and business impact if that stack would be setup like defined in the template.

Additionally there should be a recommendation on how to fix the issue.

* Tip: CFN Template is faulty. The infrastructure is not necessarily built up.
* Note: The template is attached – template.yaml
* Note: The report should contain issues identified including a description of the potential business impact.

In case you would have any question, please let us know.

We wish you good luck!