WHIZLABS

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Auditing Resource Compliance with AWS config

Level: **Intermediate**

AWS Config   Amazon Web Services

Required Points	💎 10
Lab Duration	**00:45:00**
Average Start time	**Less than a minute**

Start Lab →

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Lab Overview

⚙️ Security

Lab details

1. This lab walks you through the steps to deploy Auditing Resource Compliance with AWS config

2. You will practice it using AWS config

Privacy - Terms

3. Duration : **00:45:00 Hrs**

4. AWS Region: **US East (N. Virginia)**

Introduction

AWS config

- AWS config is a service that enables you to audit and evaluate the configuration of your AWS resource.

- It continuously able to monitor and record your AWS resource configuration and provides you alert whenever there is change in your configuration.

- It will also automatically deliver a configuration history file to the Amazon S3 bucket you specify conformance packs help you manage compliance of your AWS resource configuration

- It will send you Mail using SNS topic for the update or change in AWS config Rule.

Lab task

1. First setup AWS config.

2. Create an EC2 server with the desired security group.

3. Create config rule in AWS config to add configuration.

4. Create and subscribe SNS topic and verify email ID

5. Monitoring the complaint status in Conformance packs and verify mail complaints

6. Validation Of The Lab

Summary of Lab session:

1. You will be provided with an EC2 server named **Config_server** followed by some random number.

2. EC2 server will be attached with **config_server_SG security group** with ports 22 and 80 allowed to handle the traffic

3. Creating AWS config rule in AWS config dashboard.

4. Creating and subscribing to SNS topic.

5. Modifying the security group **config_server_SG** to add some custom or new port range.

6. Checking for AWS non compliance resource in AWS config dashboard.

7. Getting Alert from AWS regarding founding non compliance resource in AWS config.

8. Reverting the changes by removing the custom or new port added to the security group.

9. AWS will send Alert that the resources are under compliance.

Launching Lab Environment

1. To launch the lab environment, Click on the **Start Lab** button.

2. Please wait until the cloud environment is provisioned. It will take less than a minute to provision.

3. Once the Lab is started, you will be provided with **IAM user name**, **Password**, **Access Key**, and **Secret Access Key**.

Note : You can only start one lab at any given time

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