Lesson 07 Demo 05

Setting Up AWS Config and Creating Rules in it

Objective: To configure AWS Config and create rules in it to enable compliance monitoring in the AWS environment

Tools required: AWS Management Console

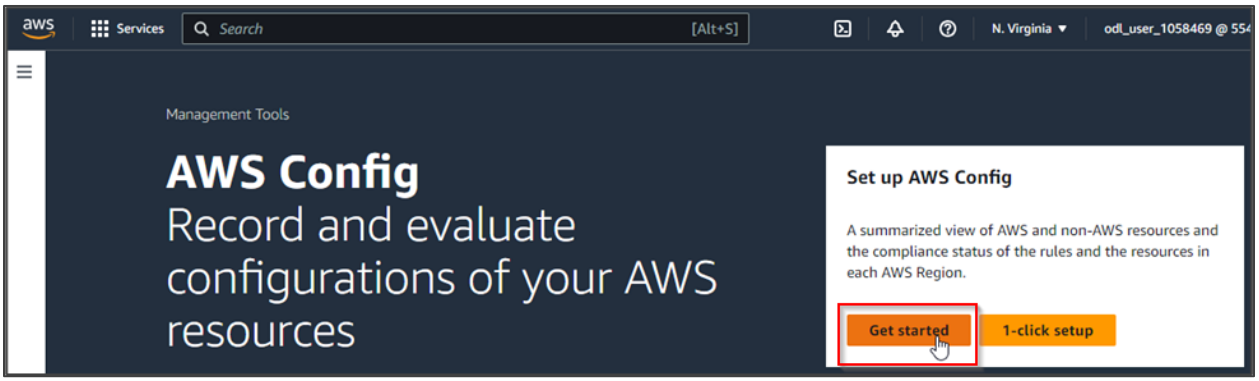
Prerequisites: None

Steps to be followed:

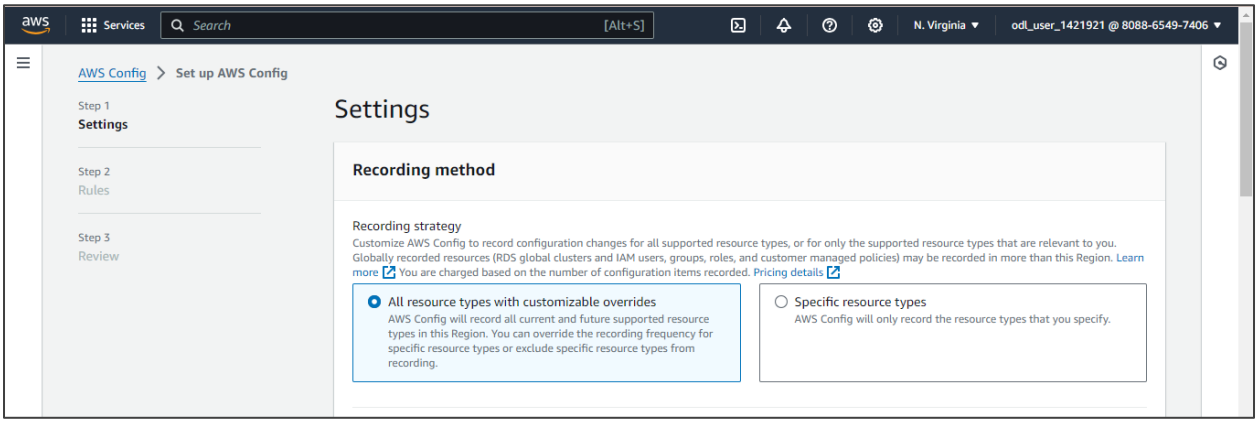
1. Set up AWS Config
2. Create rules in AWS Config

Step 1: Set up AWS Config

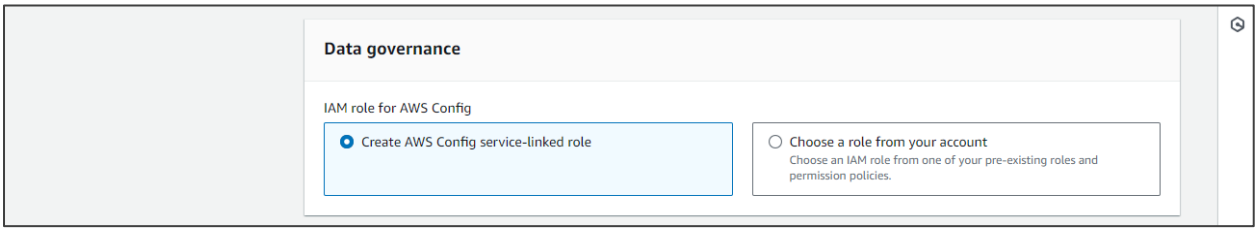
1.1 Sign in to the AWS Management Console, open the AWS Config at **https://console.aws.amazon.com/config/**, and click **Get started**



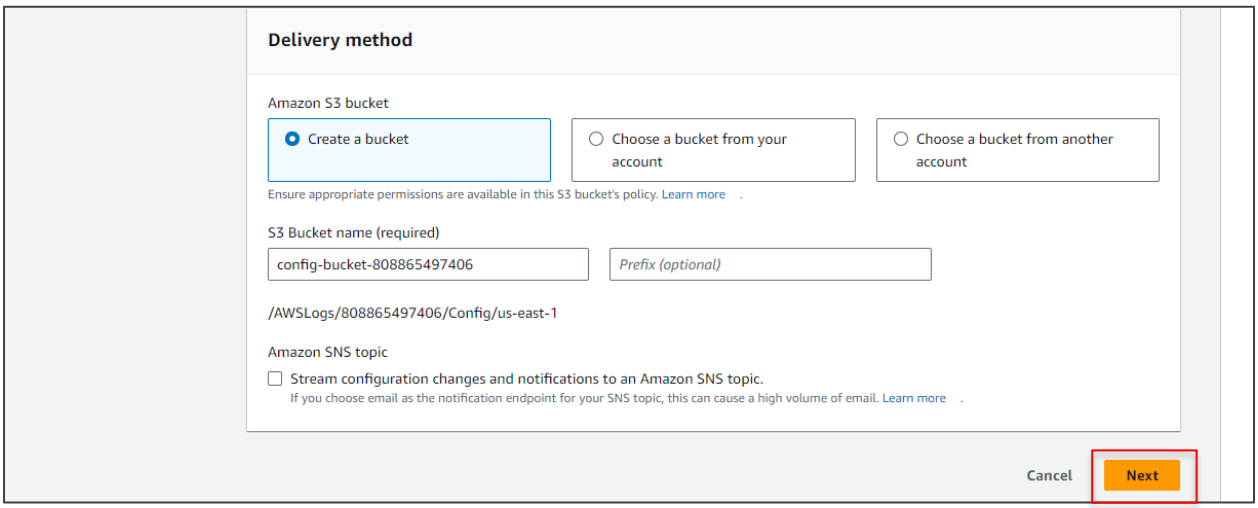
1.2 In the settings page, select **All resource types with customizable overrides** under the **Recording strategy** section



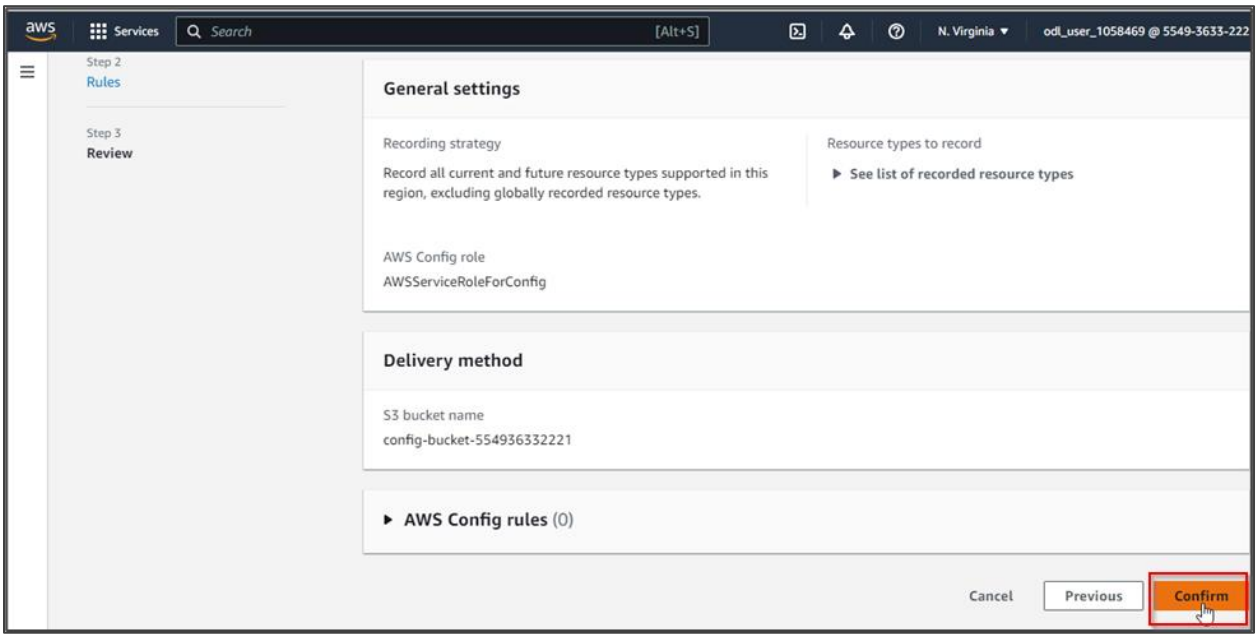
1.3 In the **Data governance** section, select **Create AWS Config service-linked role** under **IAM role for AWS config**



1.4 In **Delivery method** section, select **Create a bucket** under **Amazon S3 bucket** and then click **Next**



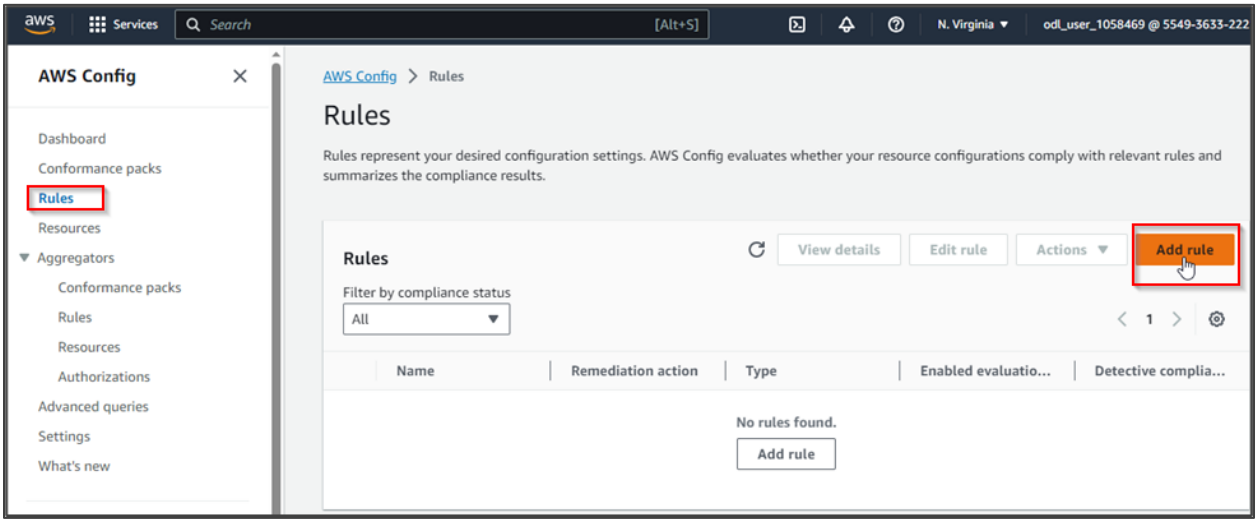
1.5 Review the settings and click **Confirm**



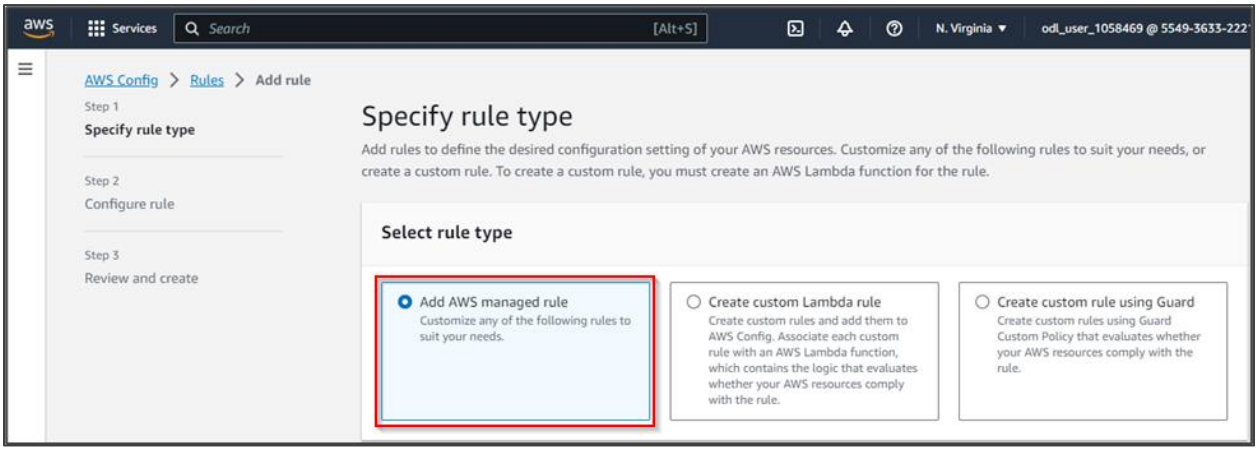
The set up for AWS Config is completed.

Step 2: Create rules in AWS Config

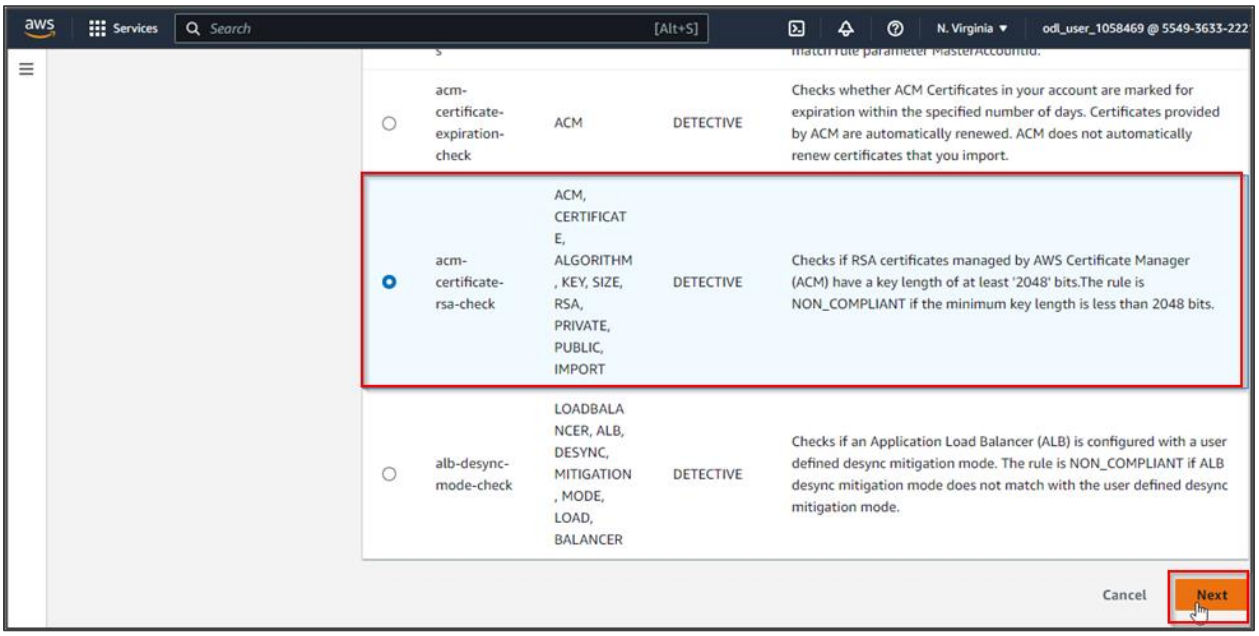
2.1 In the AWS Config dashboard, select **Rules** and then click **Add rule**



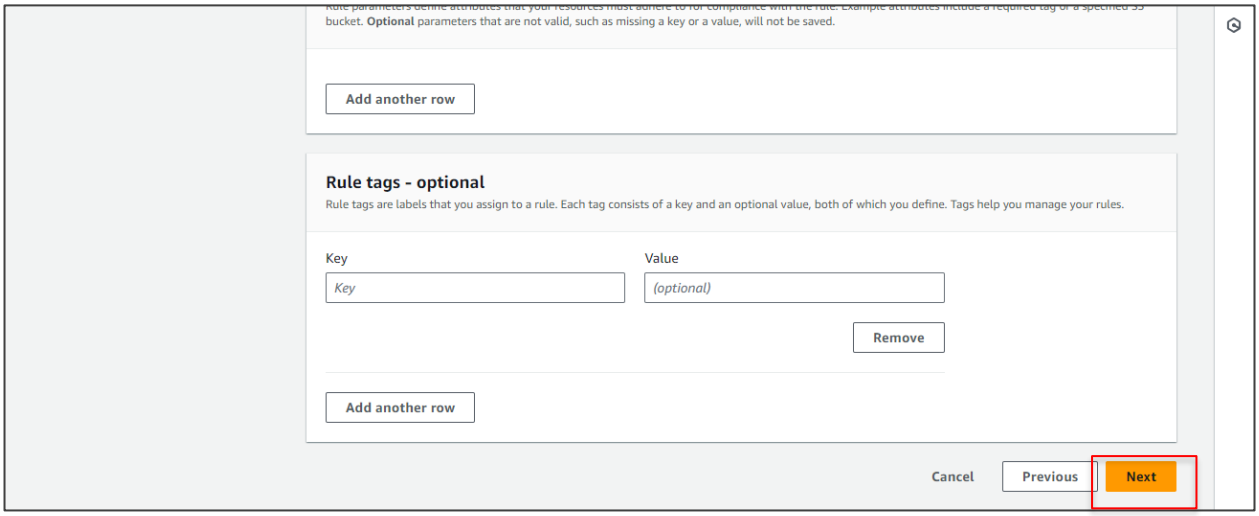
2.2 In the **Specify rule type** page, select **Add AWS managed rule** under the **Select rule type** section

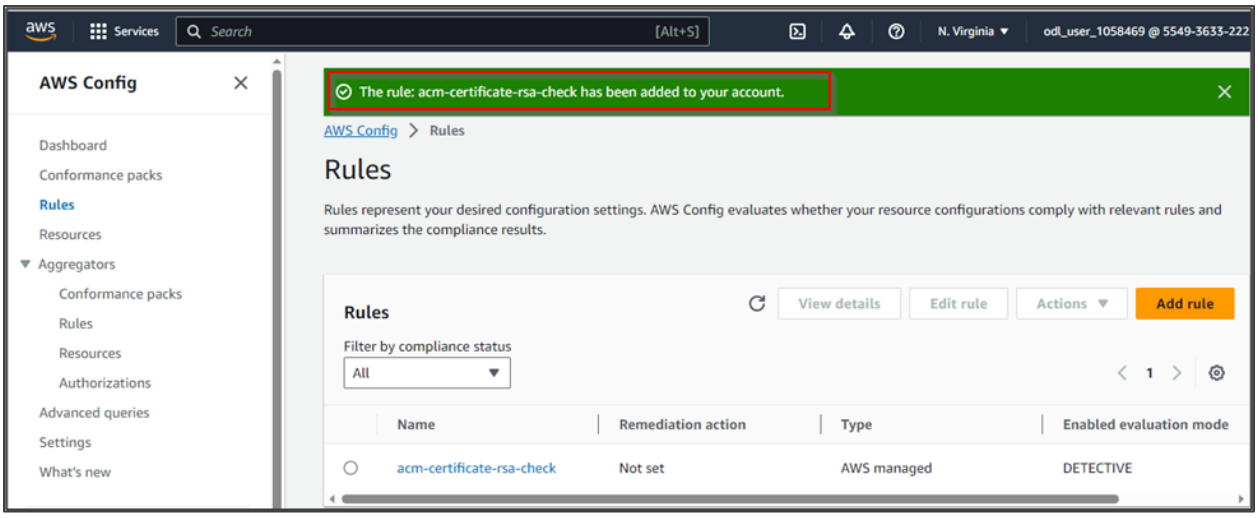


2.3 Select the rule as shown below and click **Next**



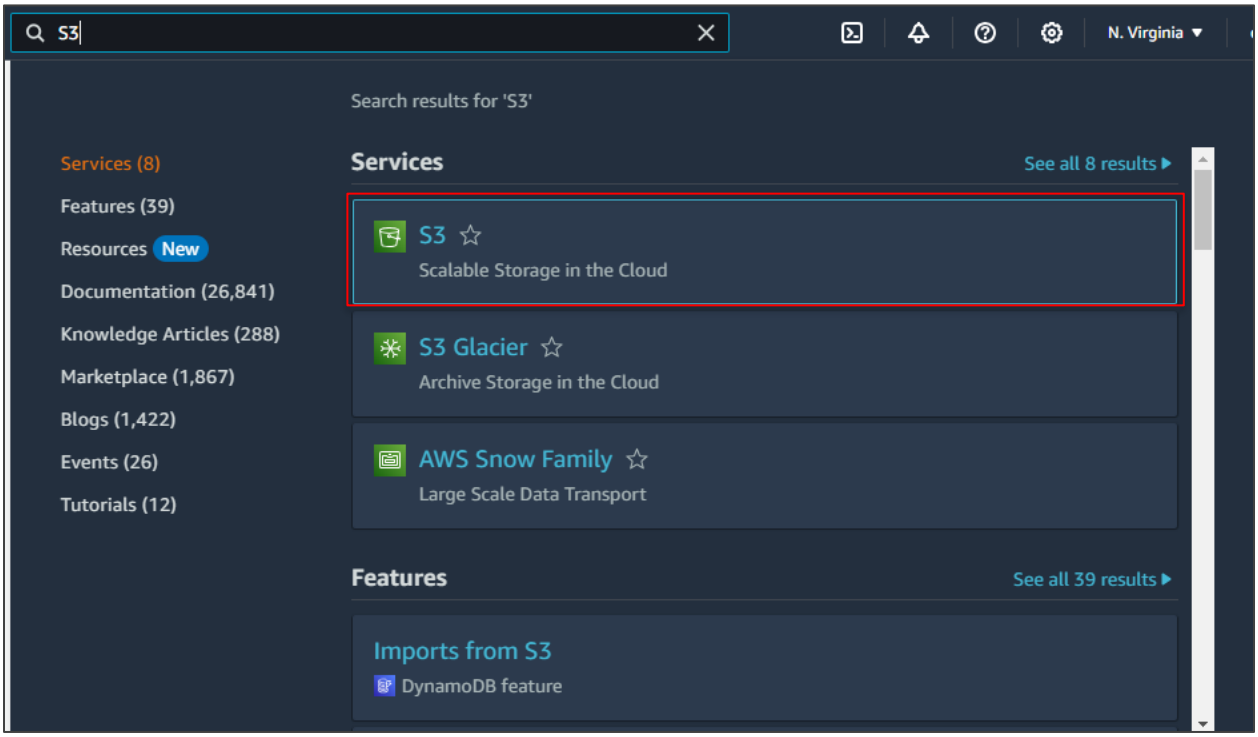
2.4 Scroll down and click on **Next**

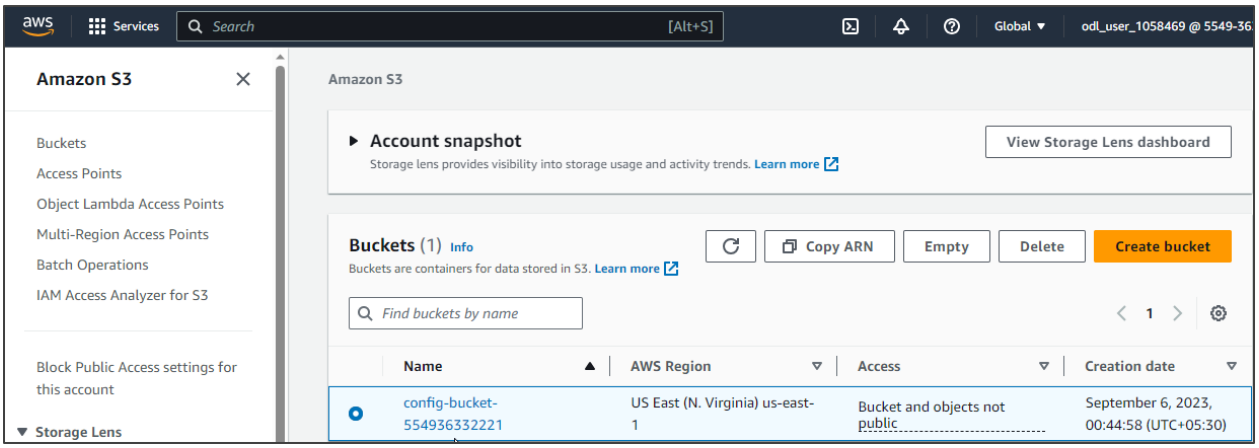




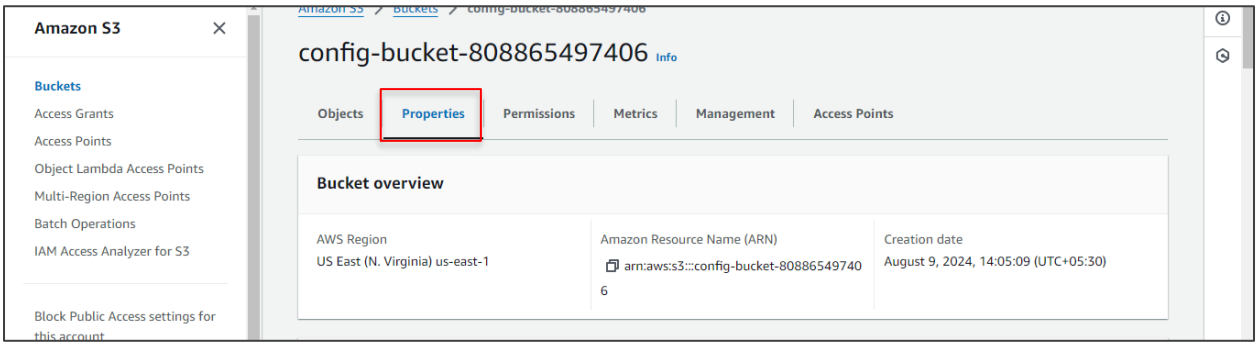
The rule is created successfully.

2.5 Navigate to the **S3** service, open the **Buckets** dashboard, and select the **config bucket** that is created automatically after the AWS Config setup

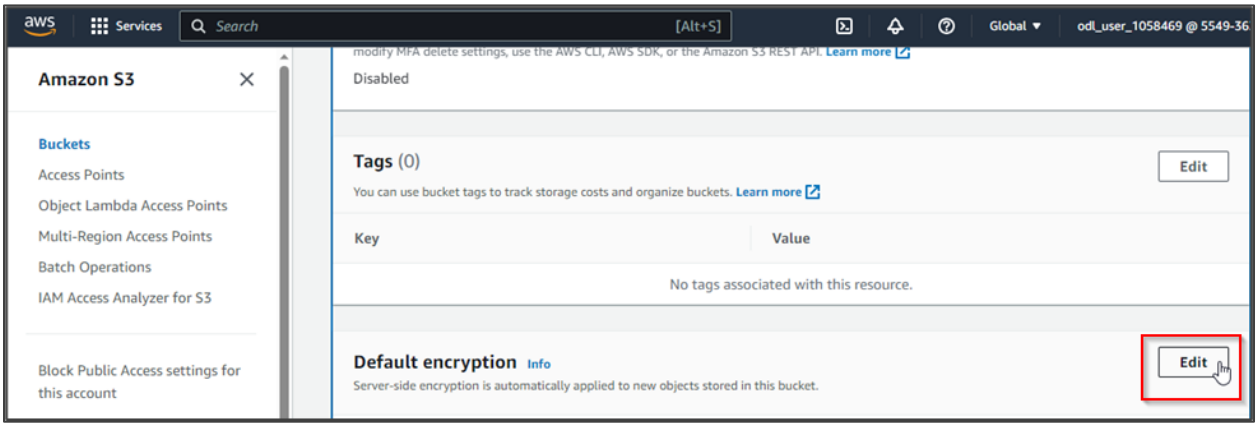




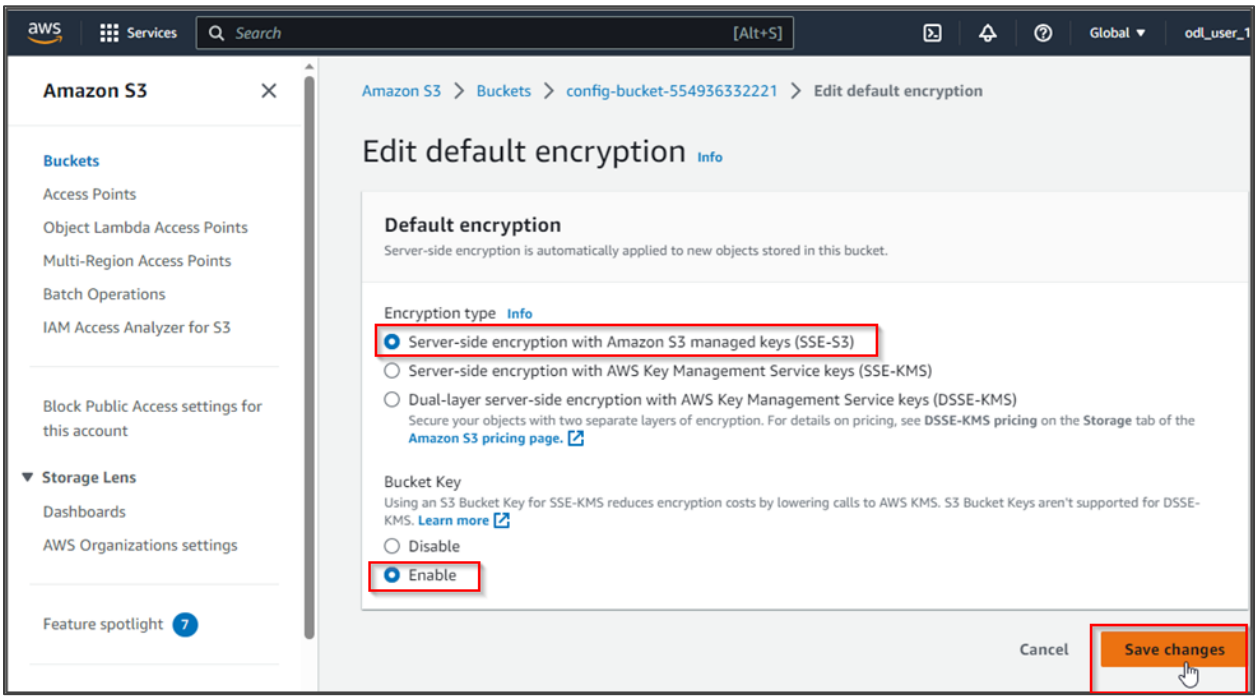
2.6 Click on **Properties**



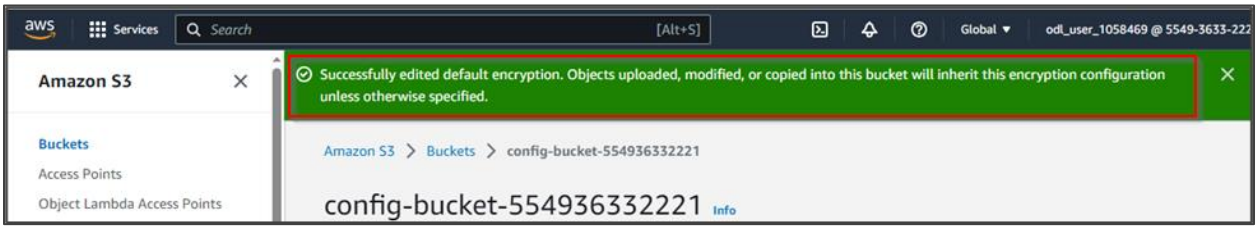
2.7 Scroll down and click on **Edit** under the **Default encryption** section



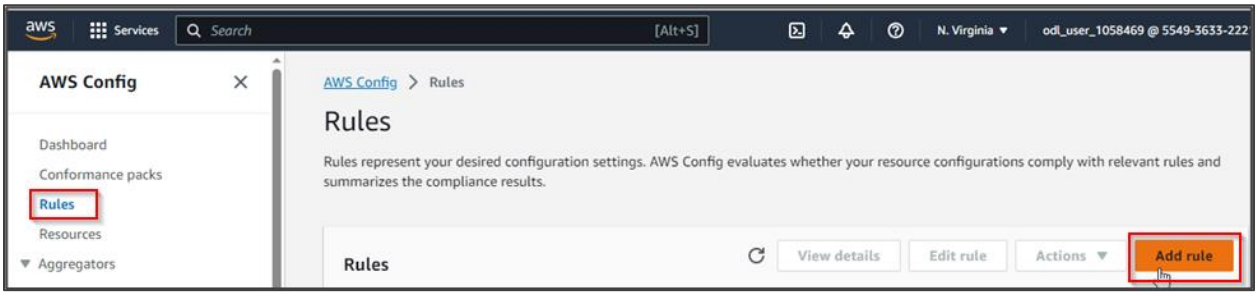
2.8 In the **Edit default encryption** page, select **Server-side encryption with Amazon S3 managed keys (SSE-S3)** option under **Encryption type** section, choose **Enable** option under the **Bucket Key** section, and click **Save changes**



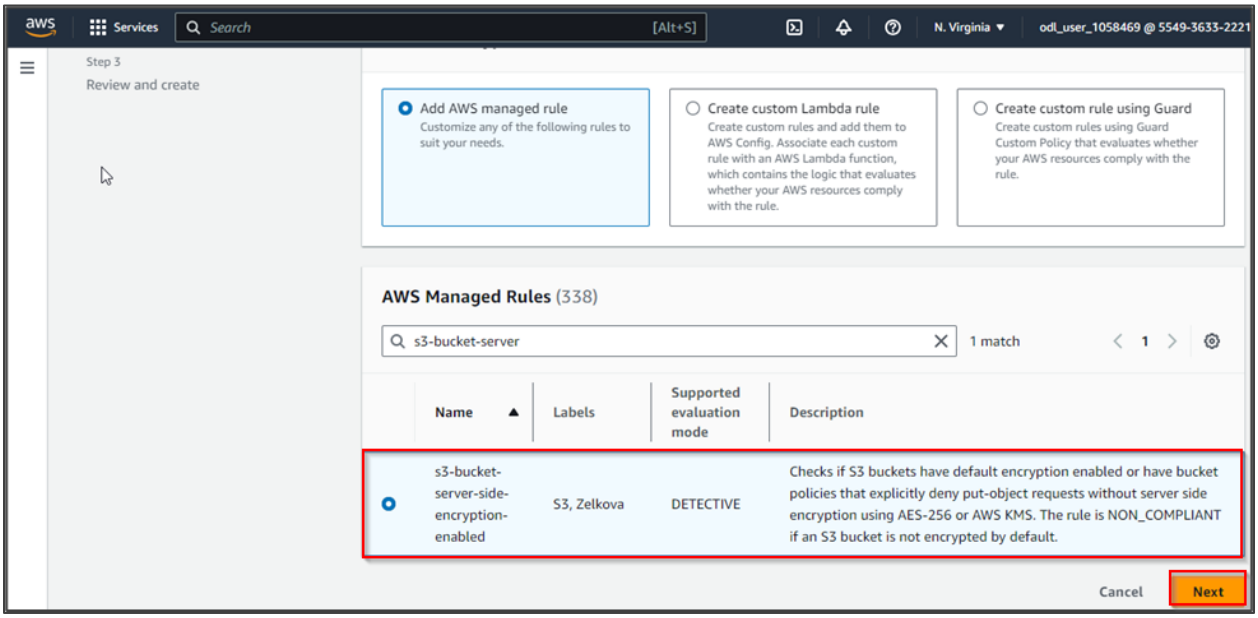
The default encryption is updated successfully.



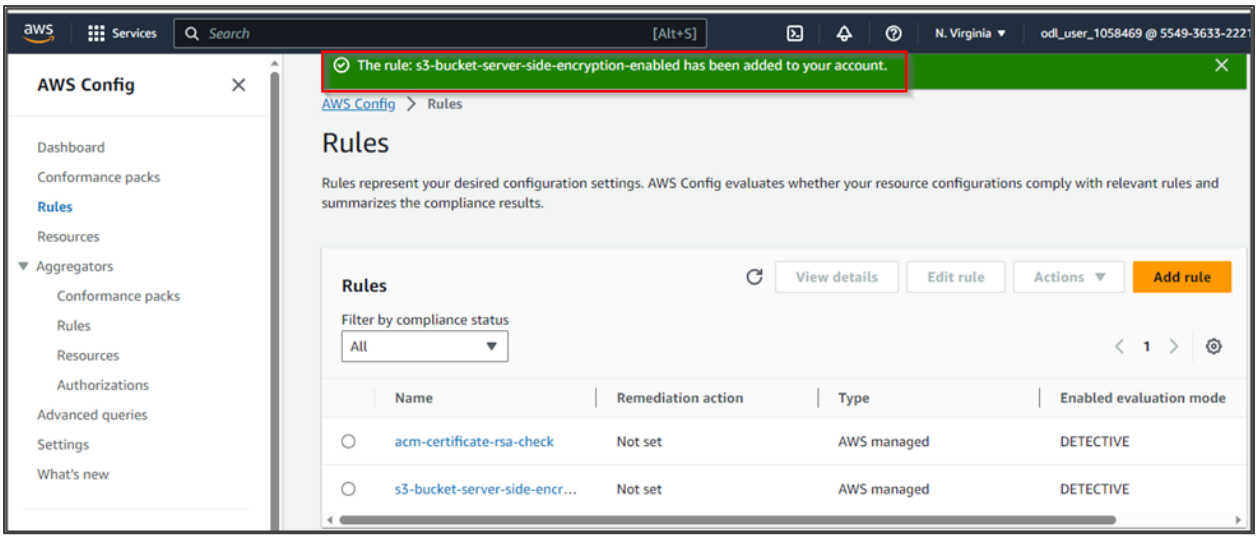
2.9 Navigate back to the **Rules** tab in the AWS Config dashboard and click **Add rule** to create another rule



2.10 Choose **s3-bucket-server-side-encryption-enabled** rule from the AWS Managed rule list and click **Next**



The rule is created successfully.



By following these steps, you have successfully configured AWS Config and create rules in it to enable compliance monitoring in the AWS environment.