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AKURDI PUNE

School of Computer Science, Engineering and Applications(SCSEA)
B.C.A. TY (SCSEA)
Subject: Advance Cloud Computing(ACC)

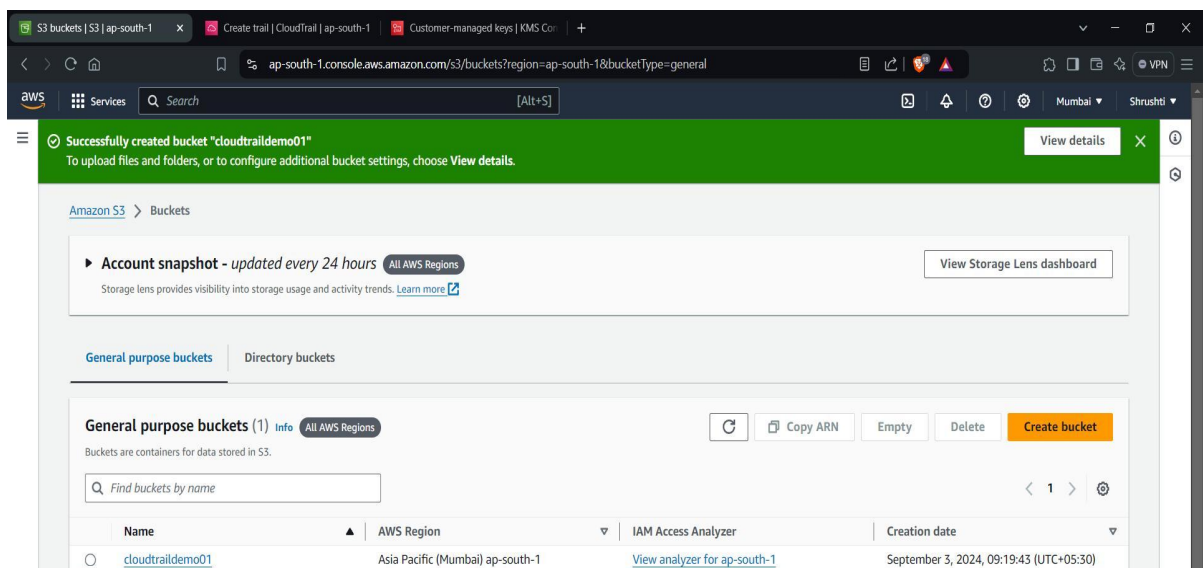**Name of the Student:**   **Shrushtio Krishna Shrivastav**   **PRN: 20220801024**

Title of Practicle :   AWS CloudTrail with CloudWatch and SNS

Step1: log in to your account and go to S3 service and Create S3 bucket

Name(cloudtrail01demo)

Versioning(enabled)

Step2: Cloud trail

create trail

(A)

choose attribute

Trailname-- cloudtrail_01

Storage-- existing s3 bucket--browse--select

KMS encryption--enabled

Customer managed KMS key--new--KMScloudtrail

Additional setting:

Logfile validation--enabled

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SNS notification--enabled

Create new SNS topic:

New--cloudtrail--topic03sep

Cloudwatch logs:

log:enabled

Log group: new--name--aws-cloudtrail-demo01

IAM role: new--IAMCloudTrail

    Next

(B)

Log event

Check all 3 events: (management; data; insight)

Data event: event type--s3

    Next

(C)

Review

Create.

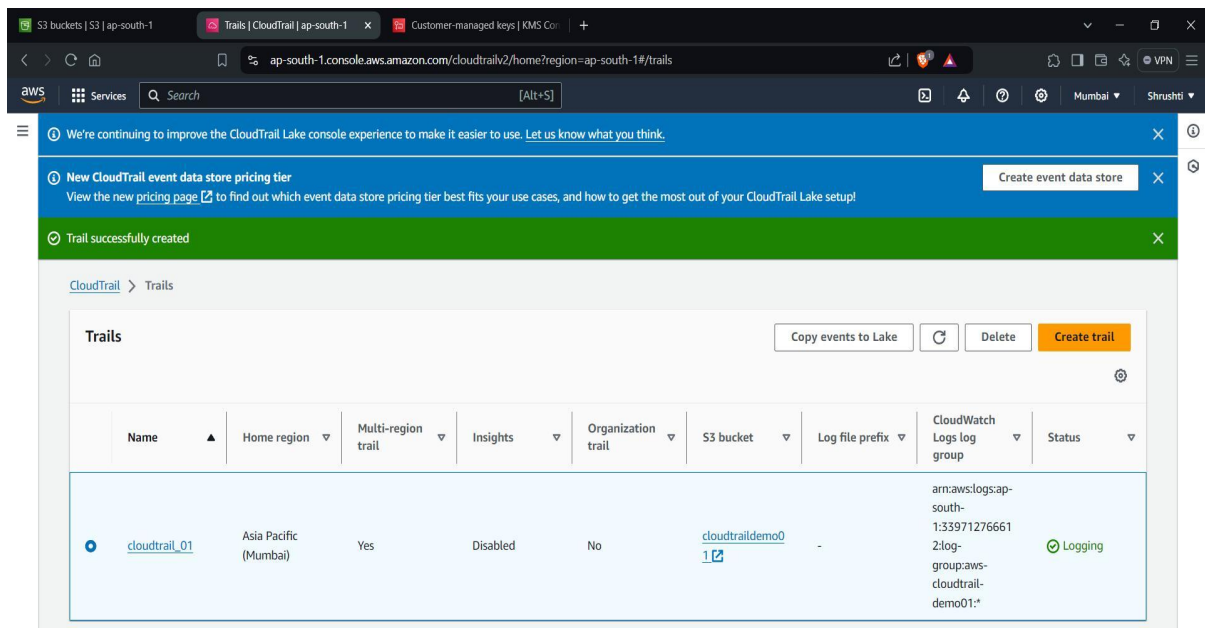# School of Computer Science, Engineering and Applications(SCSEA)
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Step3: SNS

Amazon SNS>Subscription>create

(sns-- '='-- topics-- select created topic-- scroll up -- create subscription)

Protocol: email

Endpoint: (email)

create

Go to email and subscribe

Refresh the SNS page and ensure the status is confirmed

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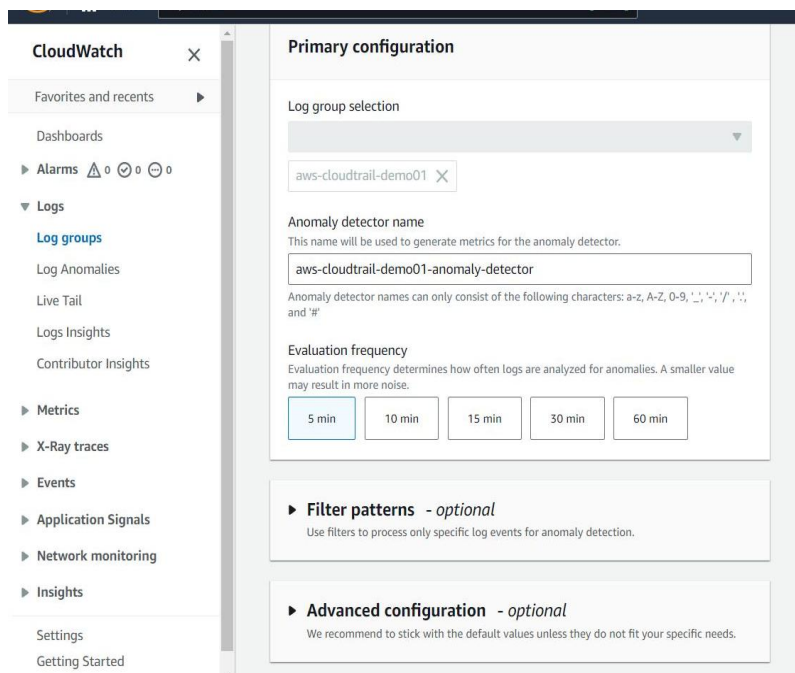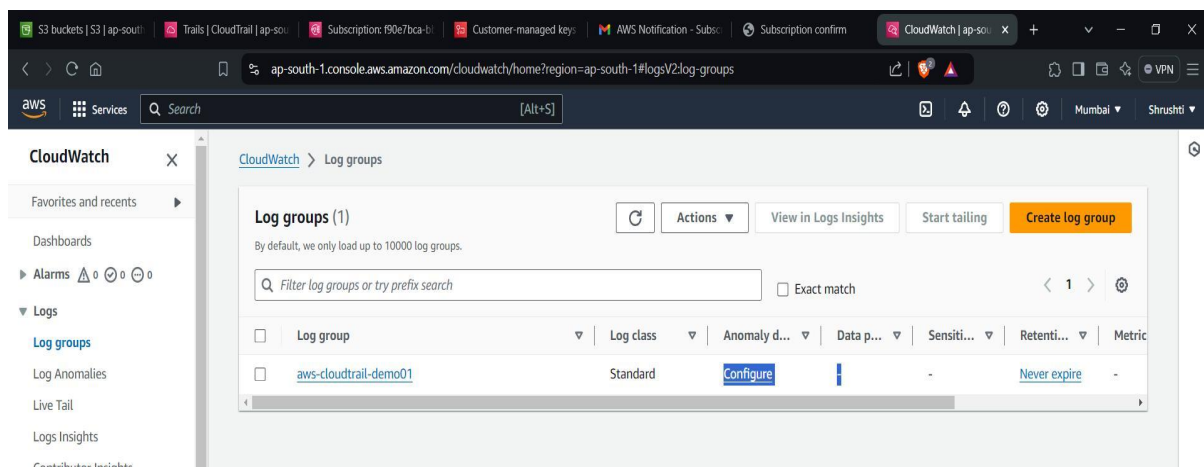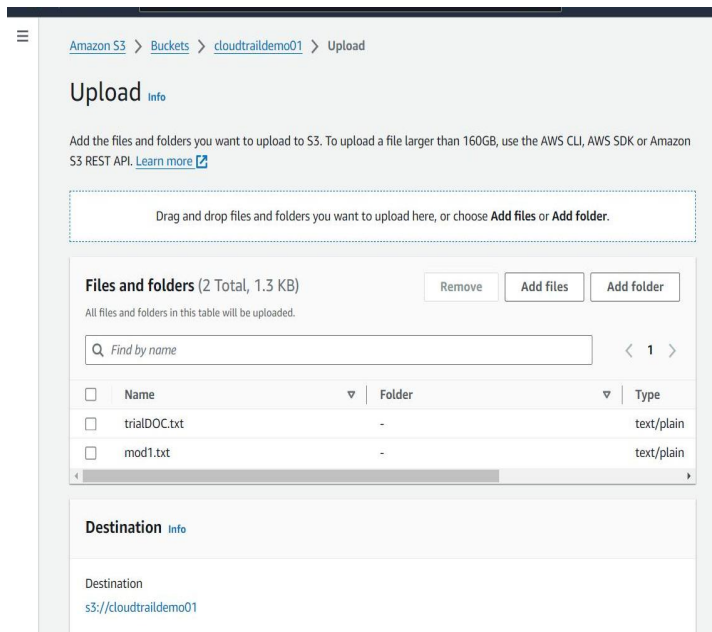**Name of the Student:** **Shrushtio Krishna Shrivastav**   **PRN:** **20220801024**

Title of Practicle :   AWS CloudTrail with CloudWatch and SNS

Step6: cloudwatch

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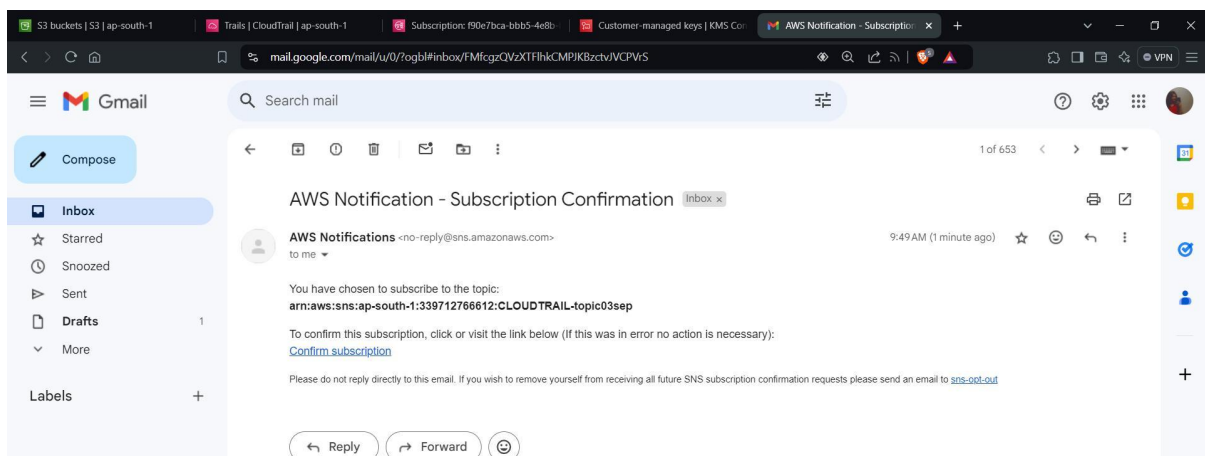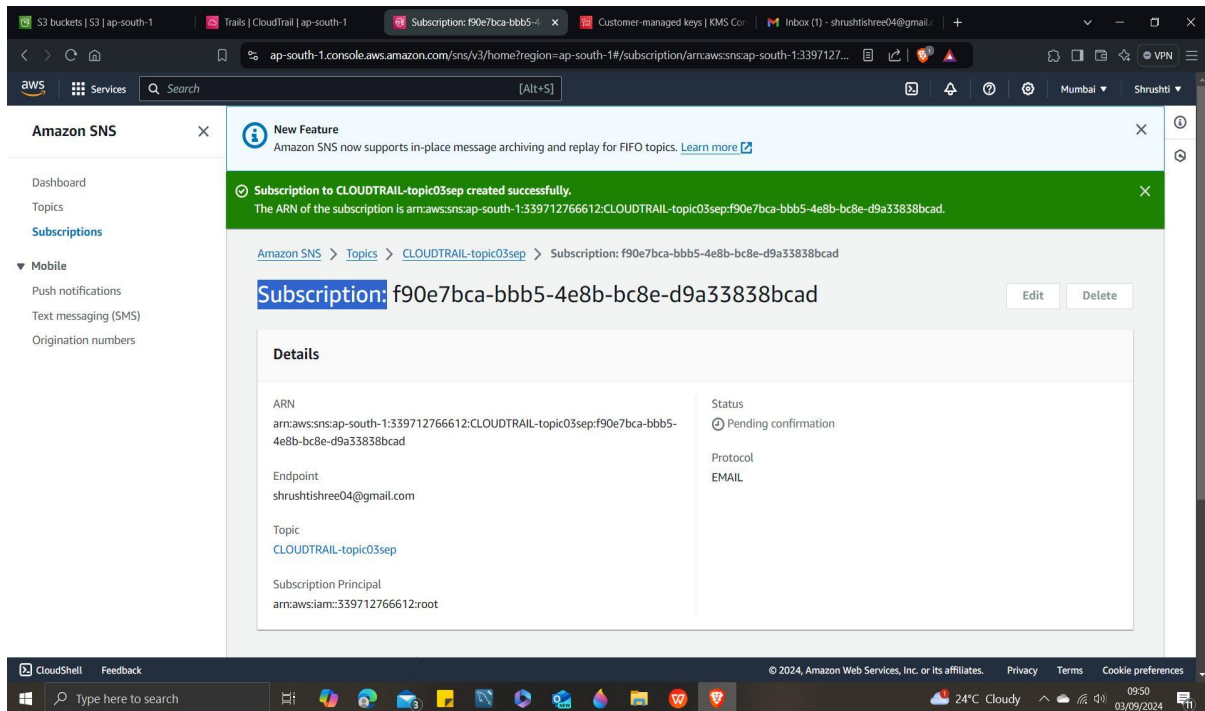
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Cloudwatch-- log group-- configure-- evaluation frequency-- 5min

Activate anomaly detection

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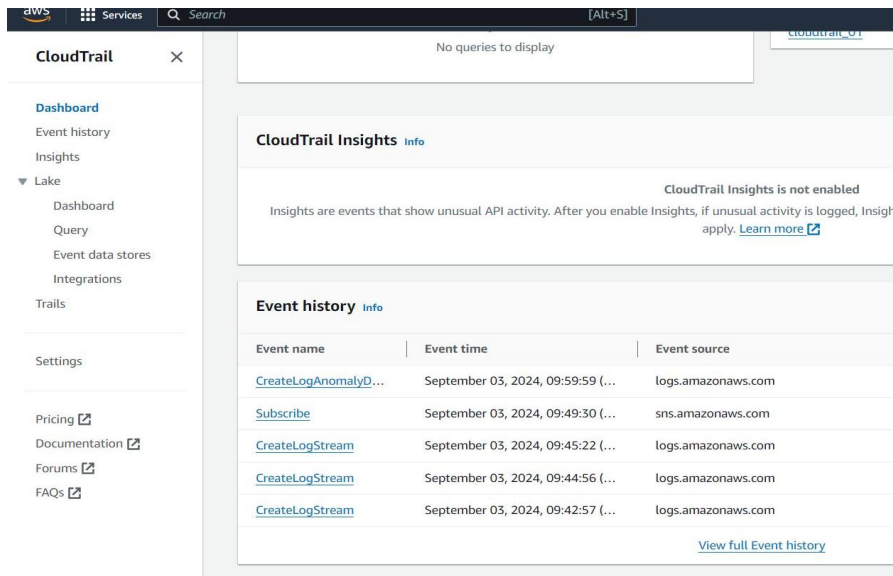## B.C.A. TY (SCSEA)
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Step6:s3 bucket

Add files in bucket

Step7: check

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Step8:check mail

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Title of Practicle : AWS CloudTrail with CloudWatch and SNS

Step9: check log
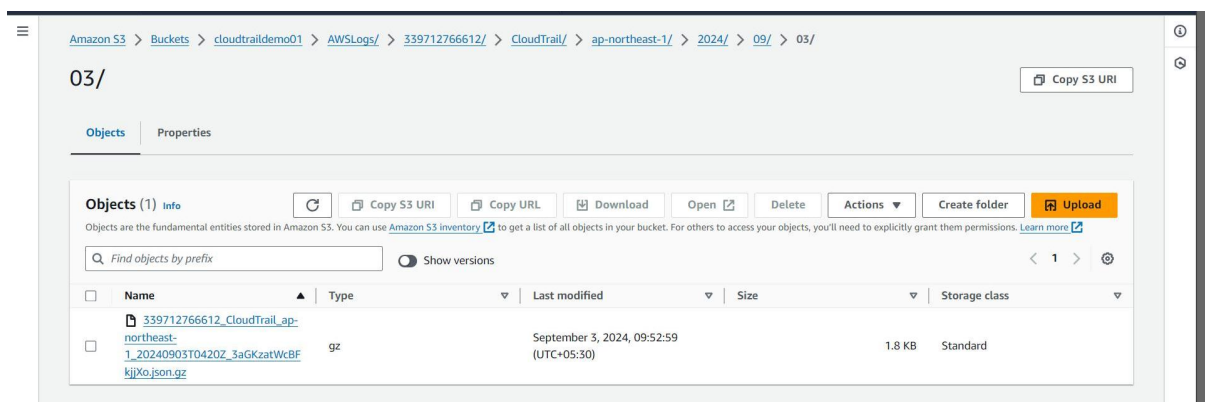
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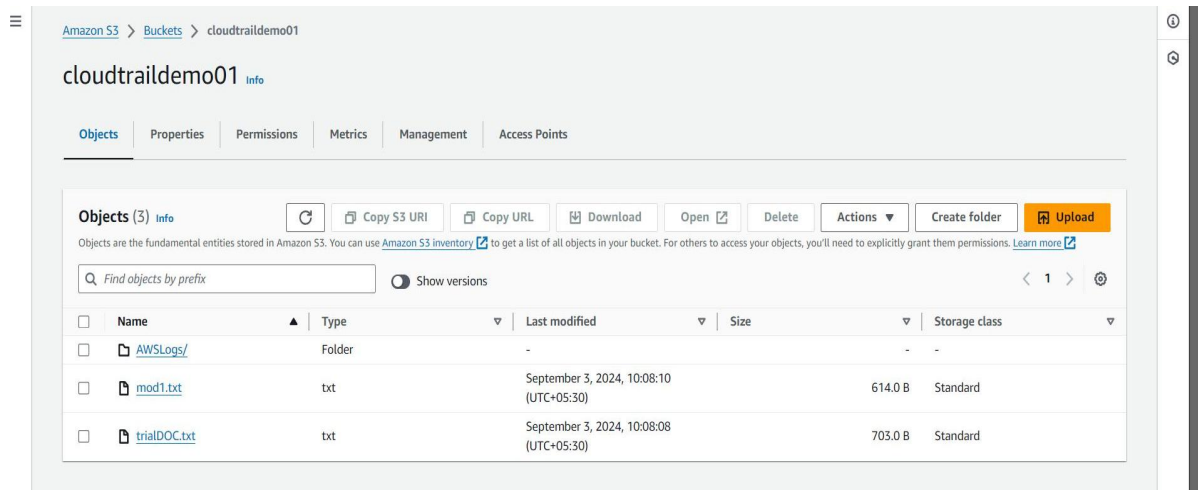## B.C.A. TY (SCSEA)
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Steps to delete this set-up

Un-subscribe

(S3)Empty bucket-- delete

(cloudtrail)Trails-- delete

(SNS)Topics-- delete

(cloudwatch)Log group-- action-- delete log group

(KMS)disable the created key and schedule deletion

(IAM)delete role