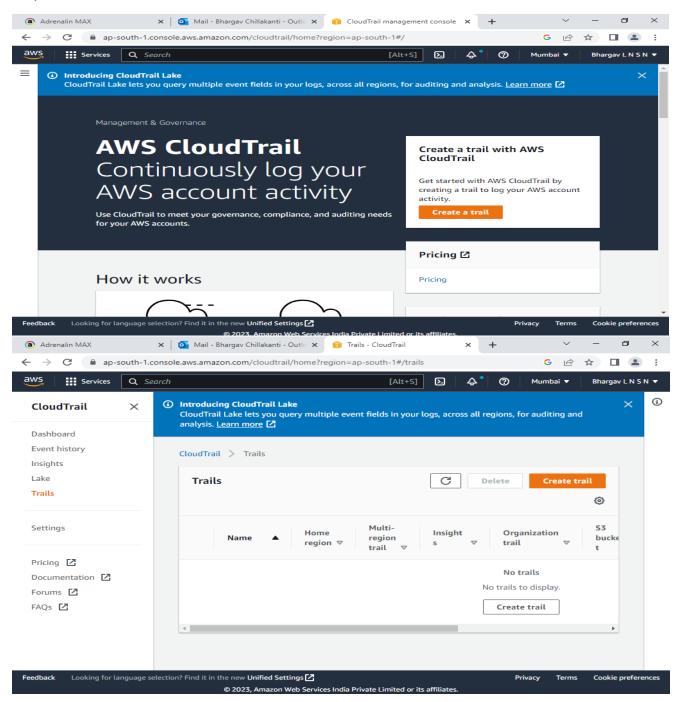
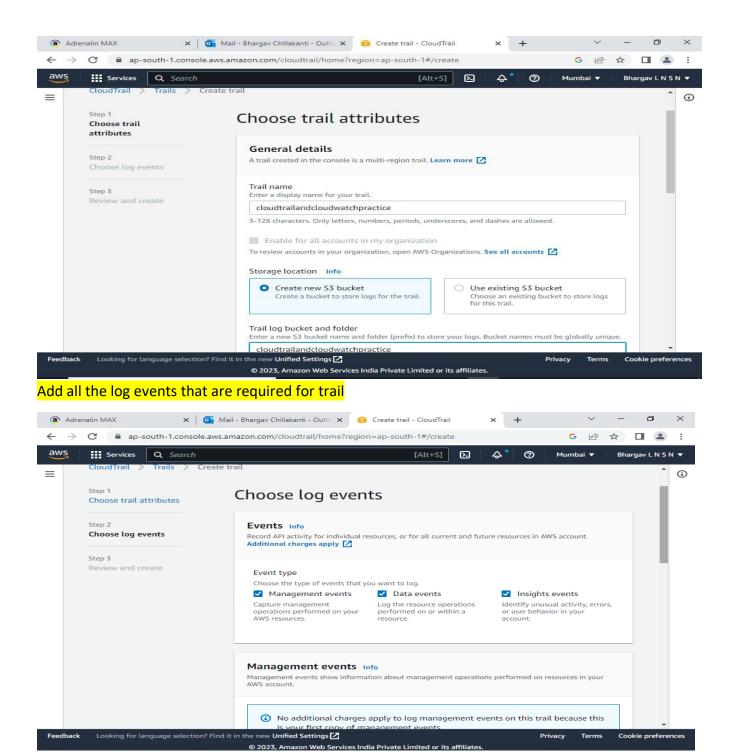
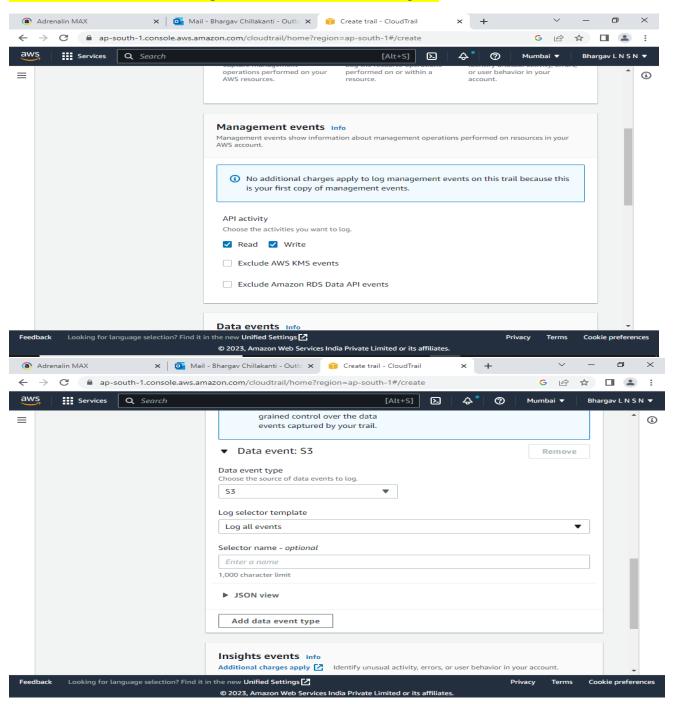
# CloudTrail and Cloudwatch integration with s3

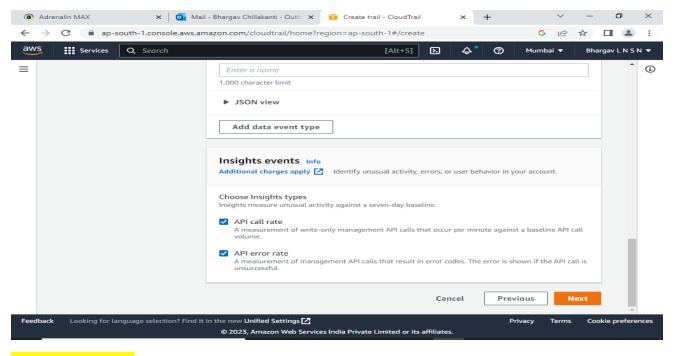
Step1: create cloudtrail and store logs in the new s3 bucket and add all the required attributes



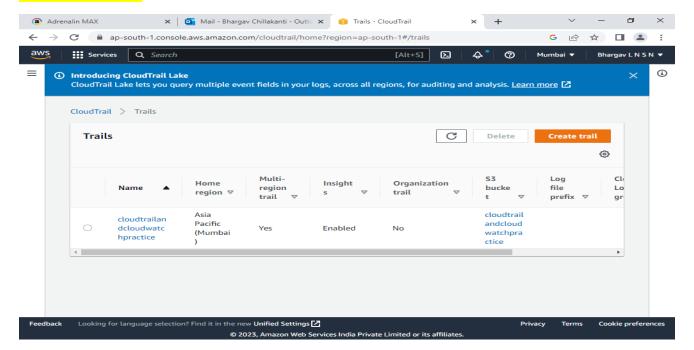


#### Add all attributes for the management event, data event, insights.

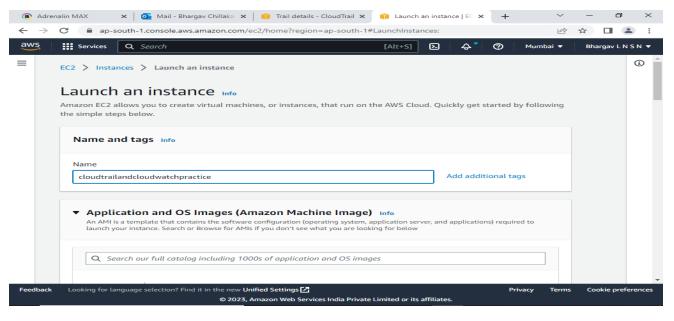




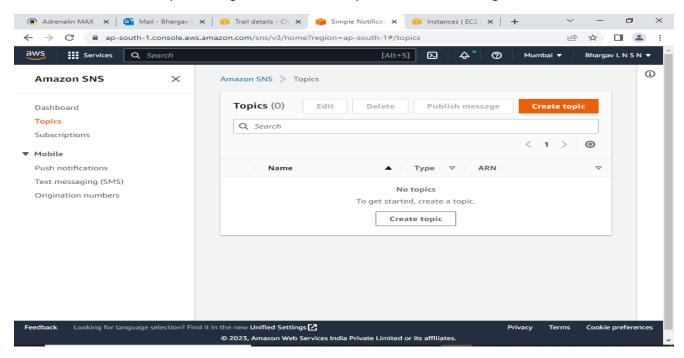
#### Cloudtrail is created.

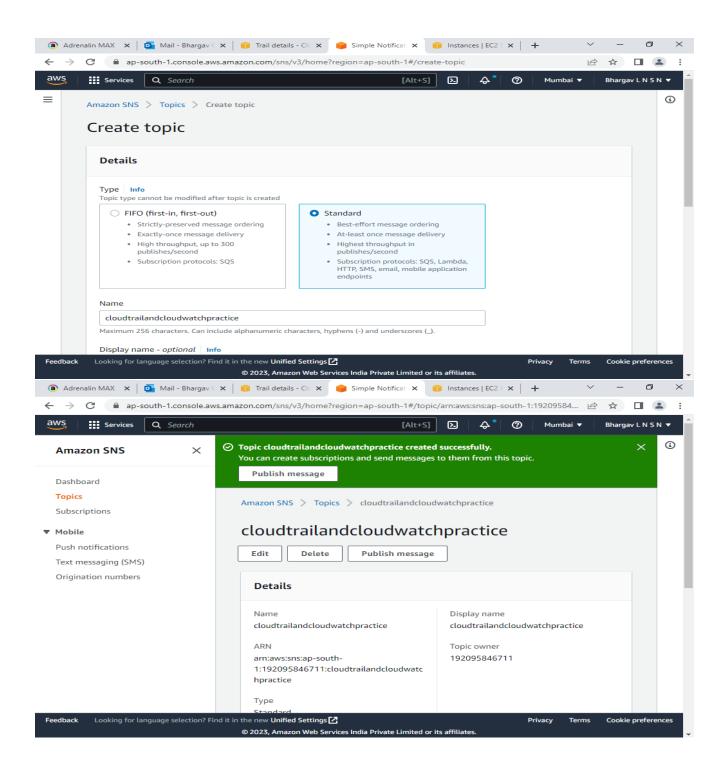


#### Launch an Instance on amazon Linux with all the attributes

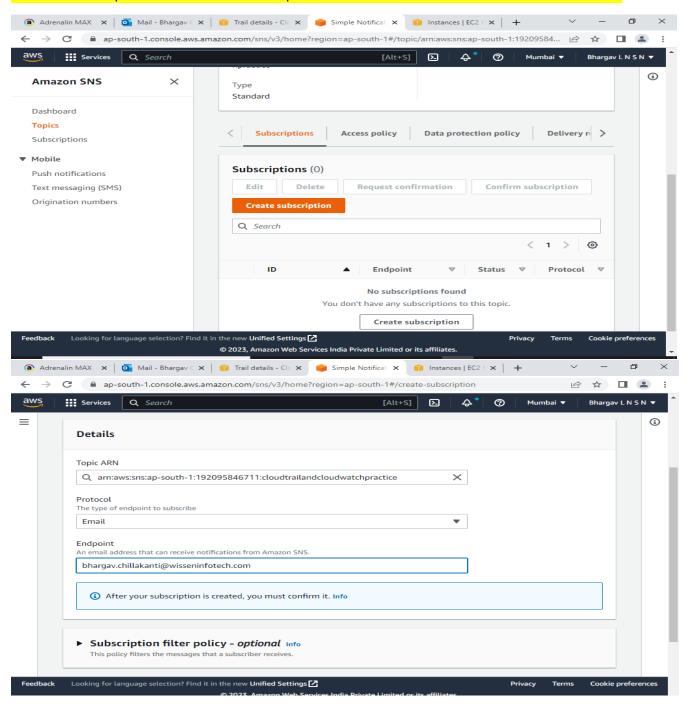


Create an standard SNS topic to integrate with Ec2 activity and send alerts through mail.

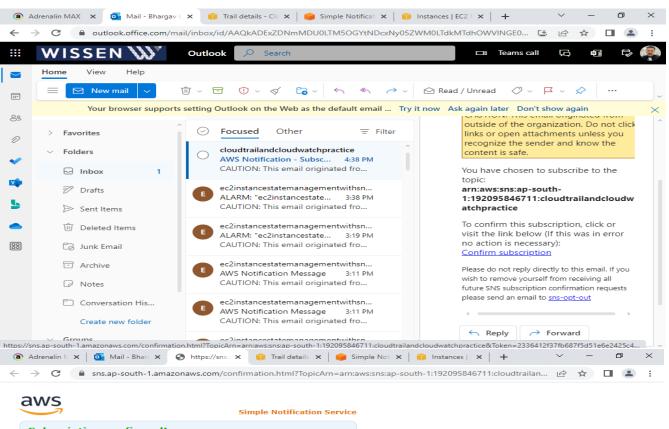




#### Create a subscription with email as an endpoint and add the end user email id for notification.



#### Now confirmation will be sent to the end email and confirm the subscription.



#### **Subscription confirmed!**

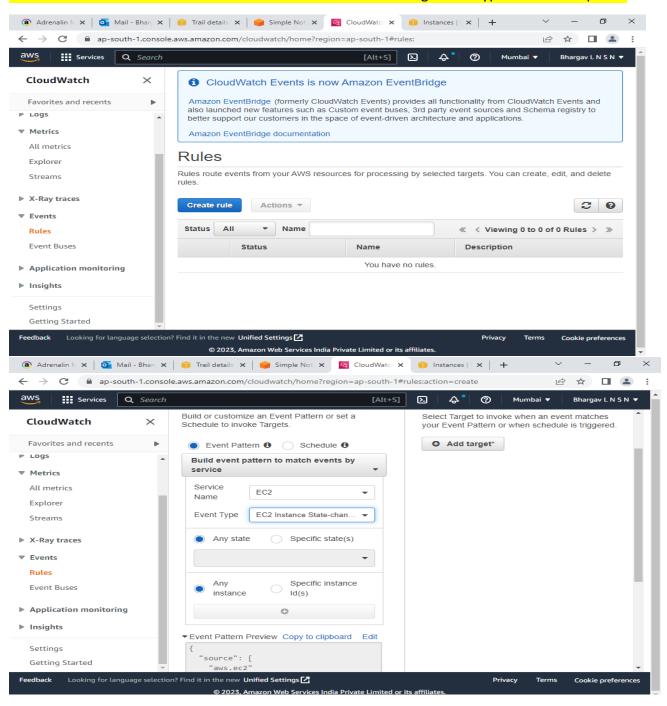
You have successfully subscribed.

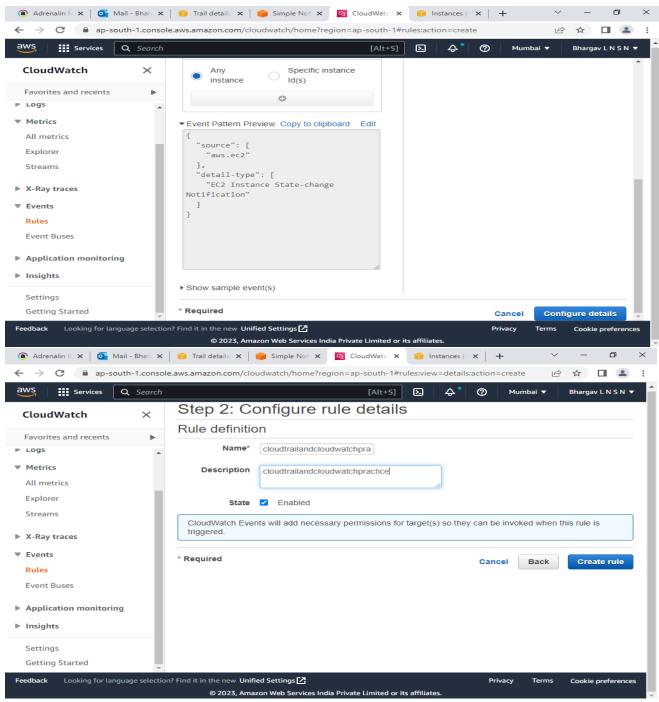
Your subscription's id is:

arn:aws:sns:ap-south-1:192095846711:cloudtrailandcloudwatchpractice:8e1c7f3a-5d4d-43fa-bd5a-

If it was not your intention to subscribe, click here to unsubscribe.

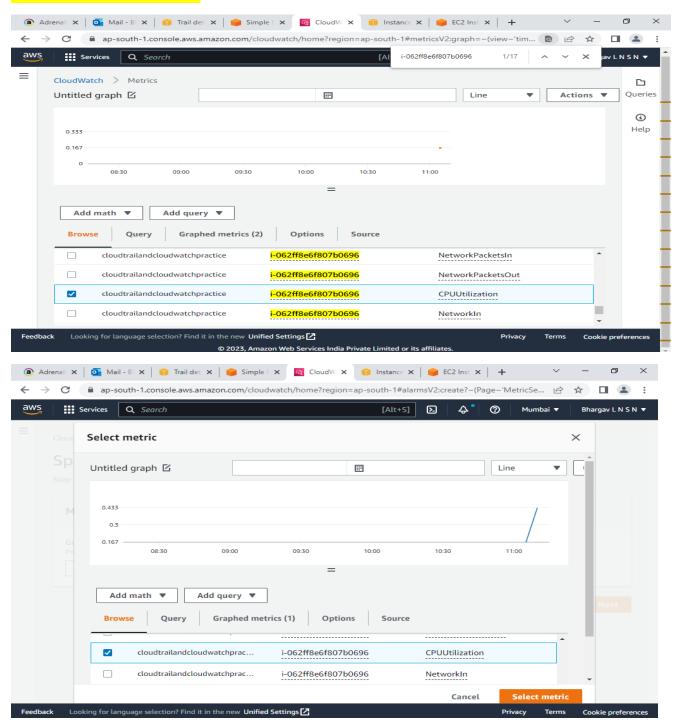
## Now create cloudwatch metric and add the rules with EC2 change state type metric to capture.

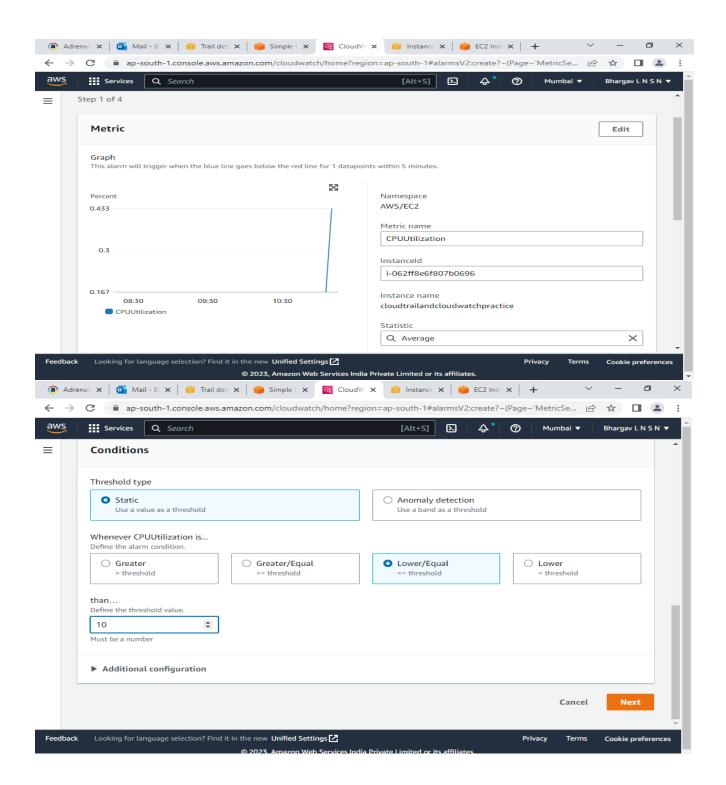


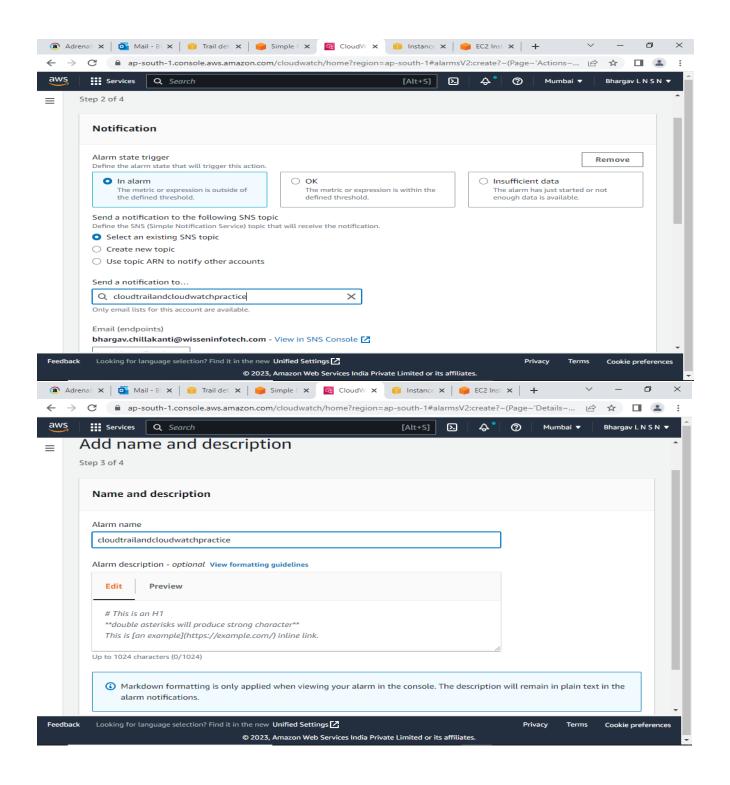


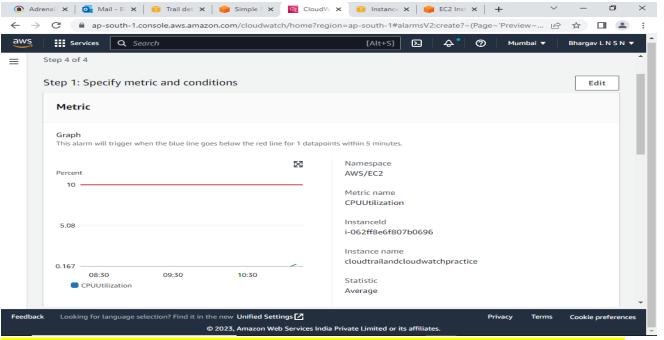
Create the rule

# In cloud watch set an alarm for CPU utilization and add the threshold value for which notification will be delivered.

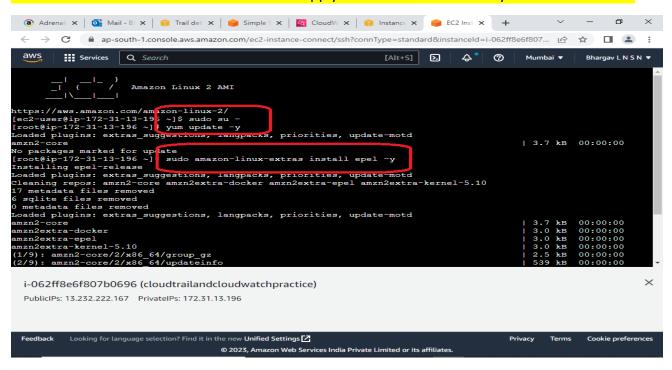


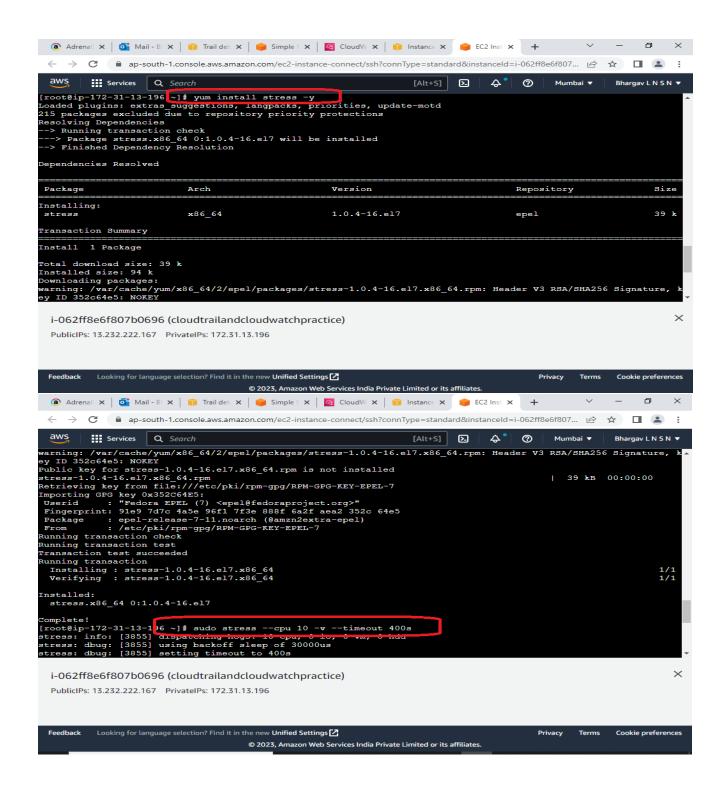




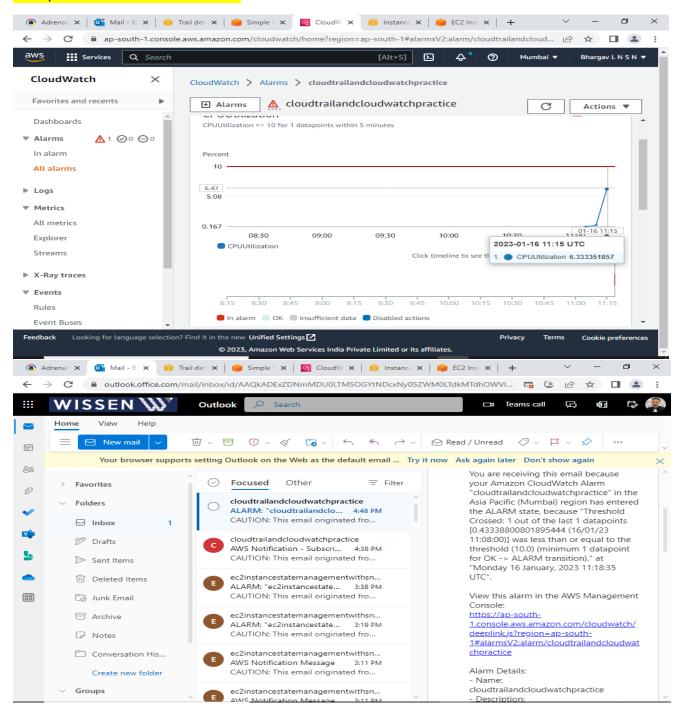


Now connect with EC2 instance connect and apply stress command to verify the CPU utilization.





#### Now you will receive alert in email.



### Now check cloud trail logs in the s3 bucket.

