

**School of Computer Science, Engineering and Applications(SCSEA)**

**B.C.A. TY (SCSEA)**

**Subject: Advance Cloud Computing(ACC)**

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

**Title of Practicle :** Configuring a Cloud Watch Alarm for Lambda  
Invocation Errors with SNS Notifications

**Step1: log in to your account and go to ec2 service and launch instance:**

Name(cloudwatch-demo1)

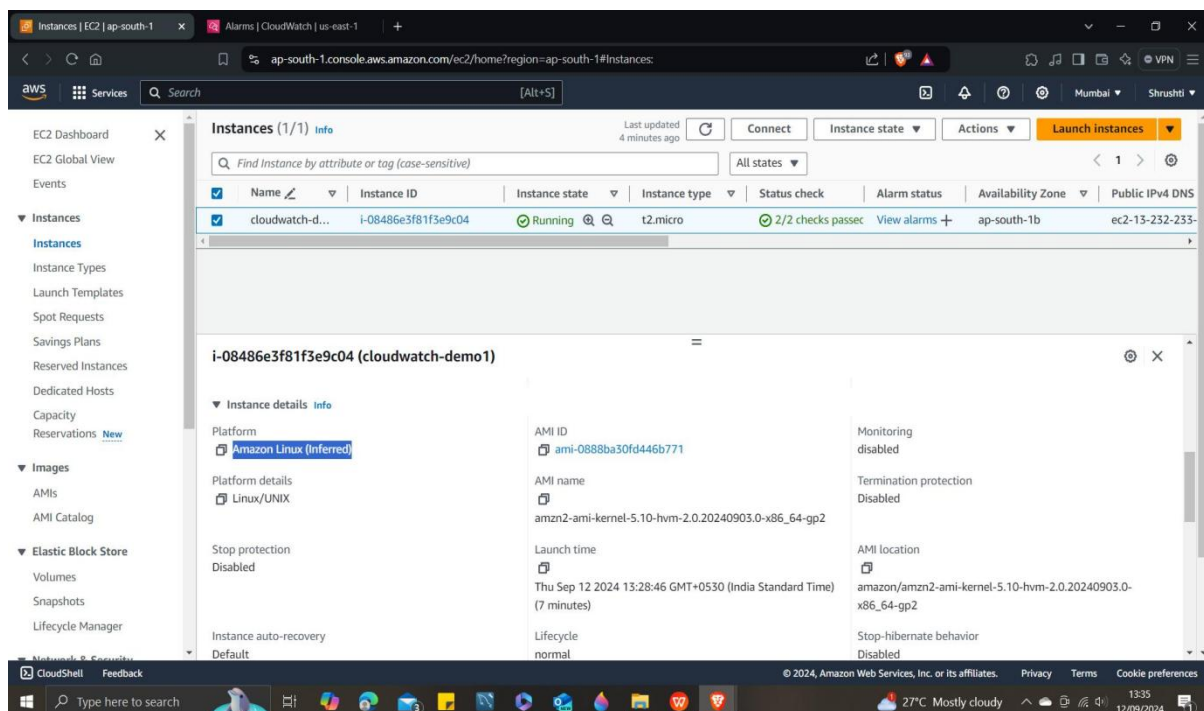
AMI(Amazon Linux)

Instance type(t2.micro)

Keypair(cloudwatch - attach one or create)

Security group(attach or create)

Now launch instance



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**Title of Practicle :**

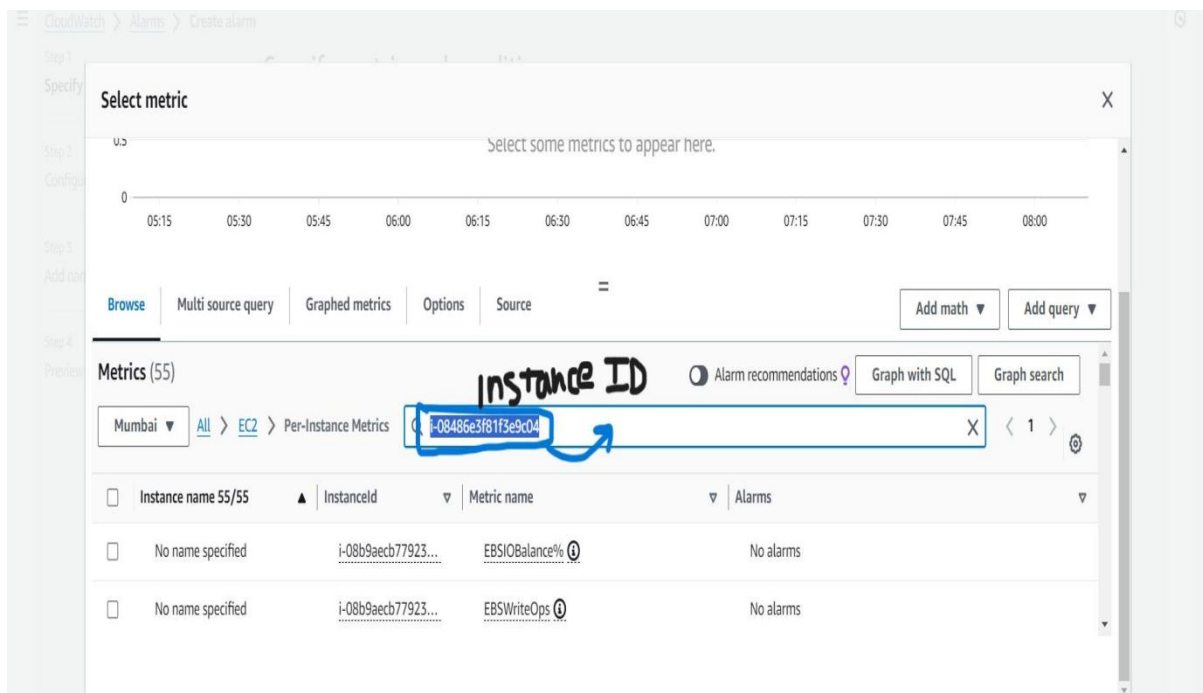
Configuring a Cloud Watch Alarm for Lambda  
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**Step2: cloudwatch alarm**

Create an alarm :

(A)--specify metric and condition

Select metric--EC2--per-instance metric--now paste the 'instance id' in the search tab and enter.



**Select metric**

Select some metrics to appear here.

**Browse** Multi source query Graphed metrics Options Source

Metrics (55)

Mumbai > All > EC2 > Per-Instance Metrics

**Instance ID** i-08486e3f81f3e9c04

| Instance name 55/55 | Instanceid         | Metric name    | Alarms    |
|---------------------|--------------------|----------------|-----------|
| No name specified   | i-08b9aecb77923... | EBSIOPBalance% | No alarms |
| No name specified   | i-08b9aecb77923... | EBSWriteOps    | No alarms |

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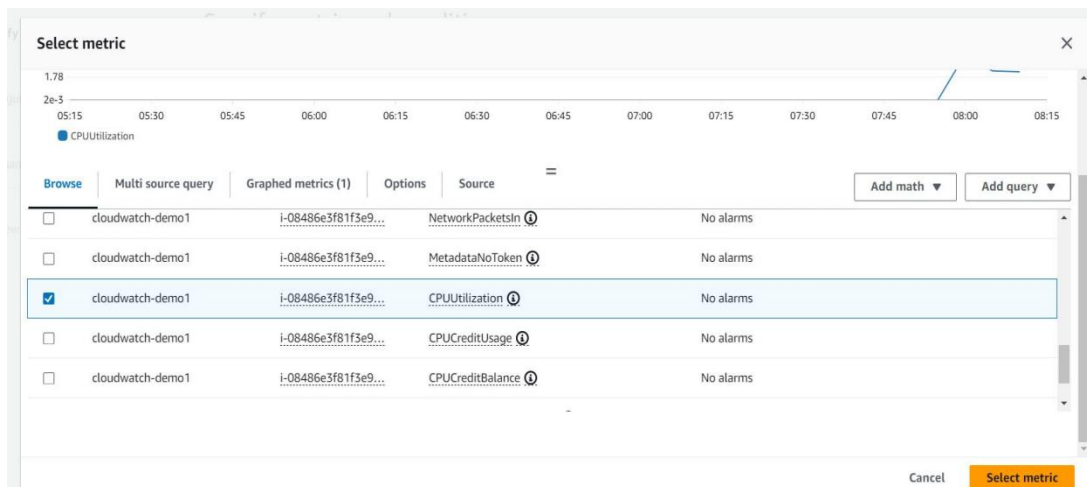
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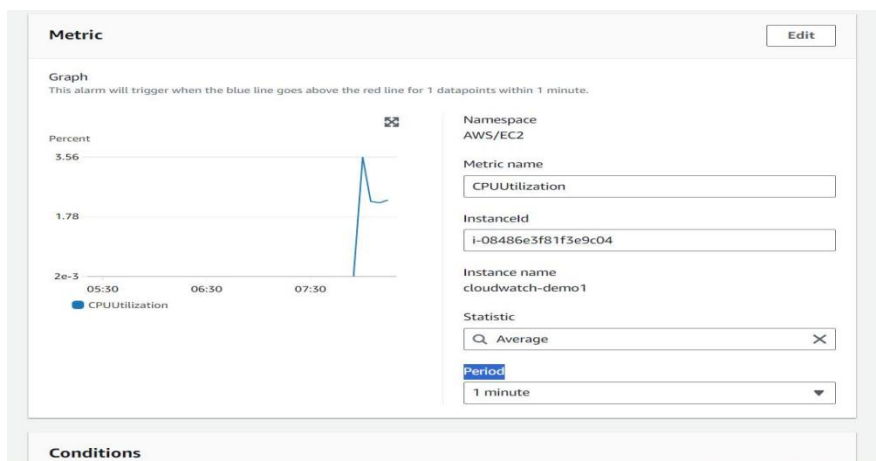
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Select 'cpuutilization' --select metric.



Scroll-up and change period from 5 to 1min



Conditions : threshold type- static

Whenever cpuutilization is (greater)

Than (0.6)

Next.

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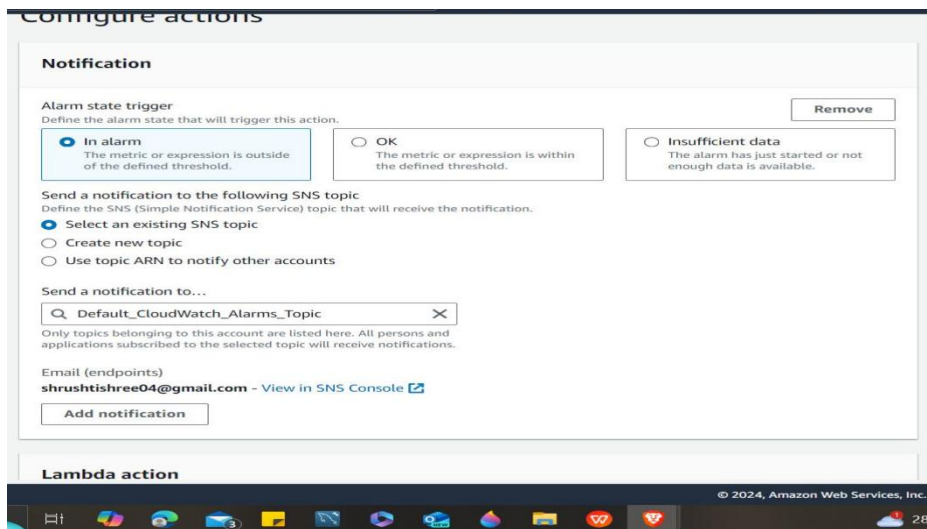
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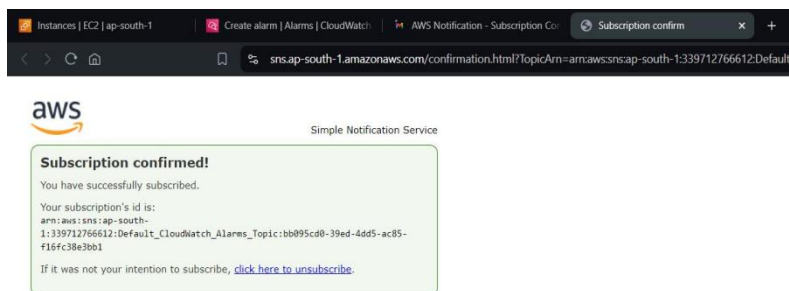
(B)-- configure action

Alarm state: In-alarm

Send notification to SNS topic--create new topic--provide your email--create topic.



Go to your e-mail and subscribe.



Next.

(C)--Add name and description

Alarm name(trialAlarm)

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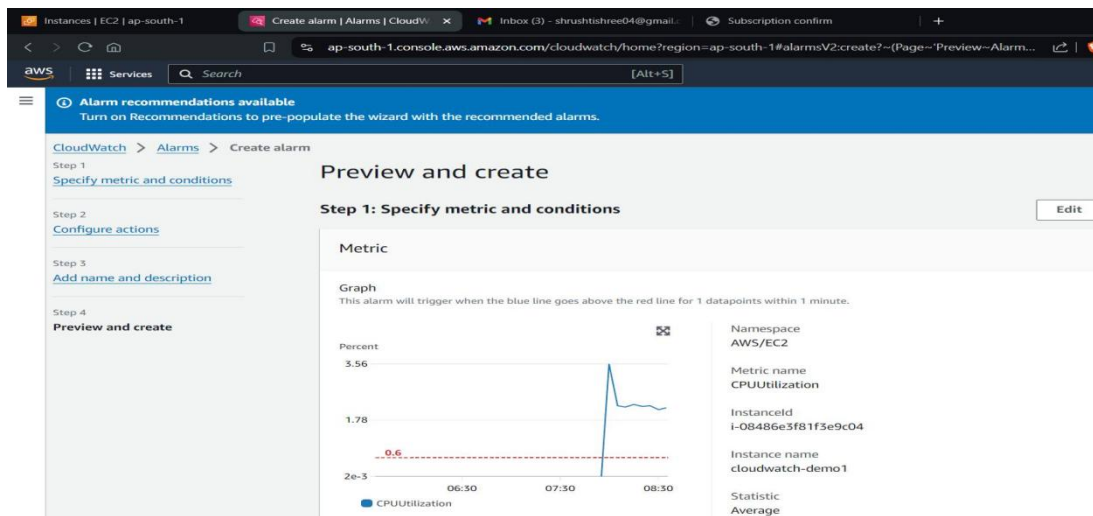
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(D)--Preview and create



Check mail to receive notification

Steps to delete this set-up

Un-subscribe

Alarm--action--delete

Instance--terminate

Amazon SNS--topics--delete--confirm deletion