MODULE 11: DISTRIBUTED TRACING AND MONITORING

Sub-task 1 – CloudWatch

Create CloudWatch Rule to make your lambda run on weekly base.

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Update your lambda by adding some logging (For example, execution date time). Trigger you lambda manually and ensure CloudWatch logs were created.

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Explore CloudWatch metrics for your EC2 instances by visiting the Monitoring tab. Make some interactions with your application and verify changes for the next metrics:

* CPU Utilization
* Network In
* Network Out

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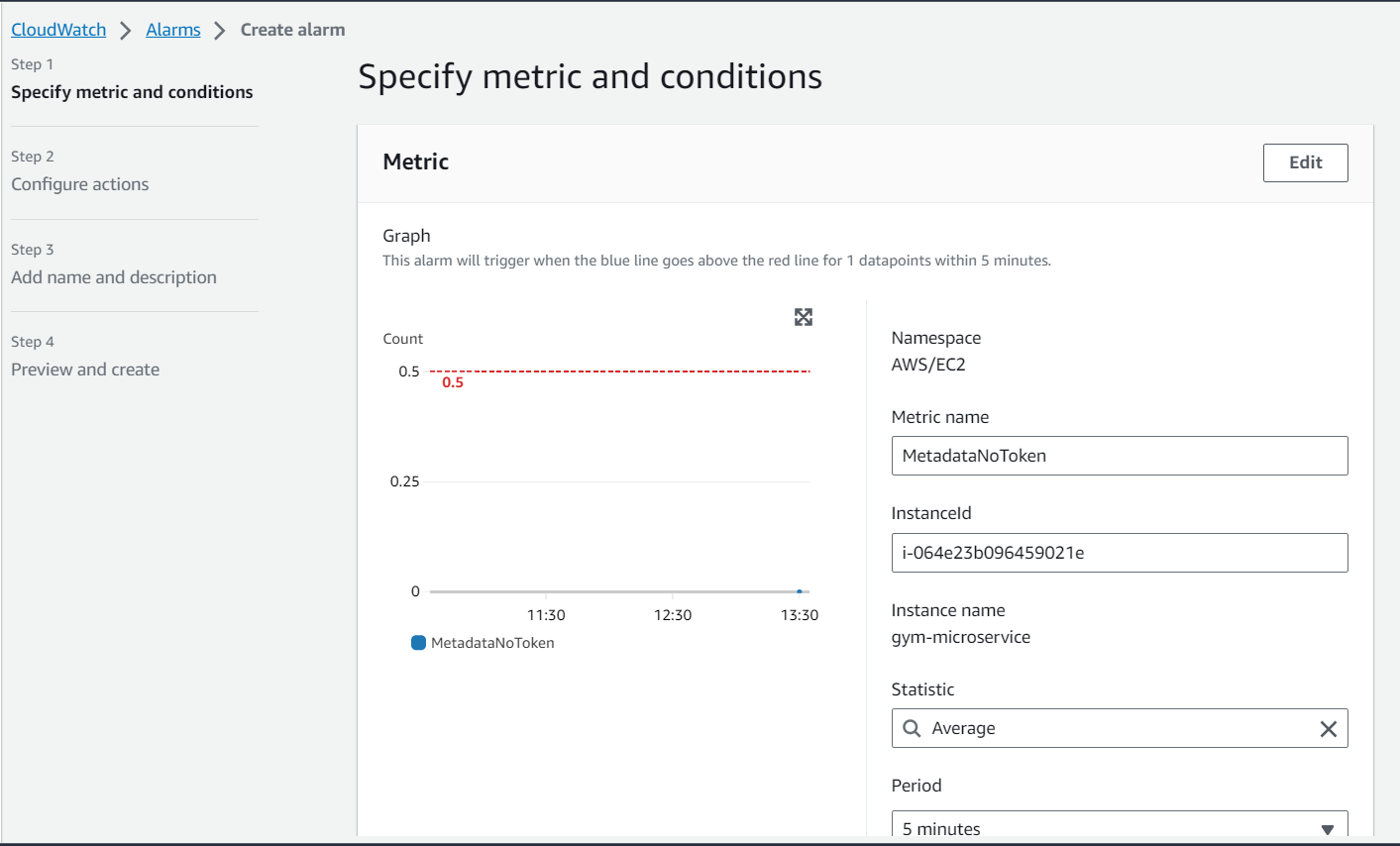
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Create CloudWatch Alarm for the EC2 instance CPU Utilization

Specify the threshold that is to trigger the alarm to go to ***ALARM*** state if the CPU utilization exceeds any percentage, for example, 50.

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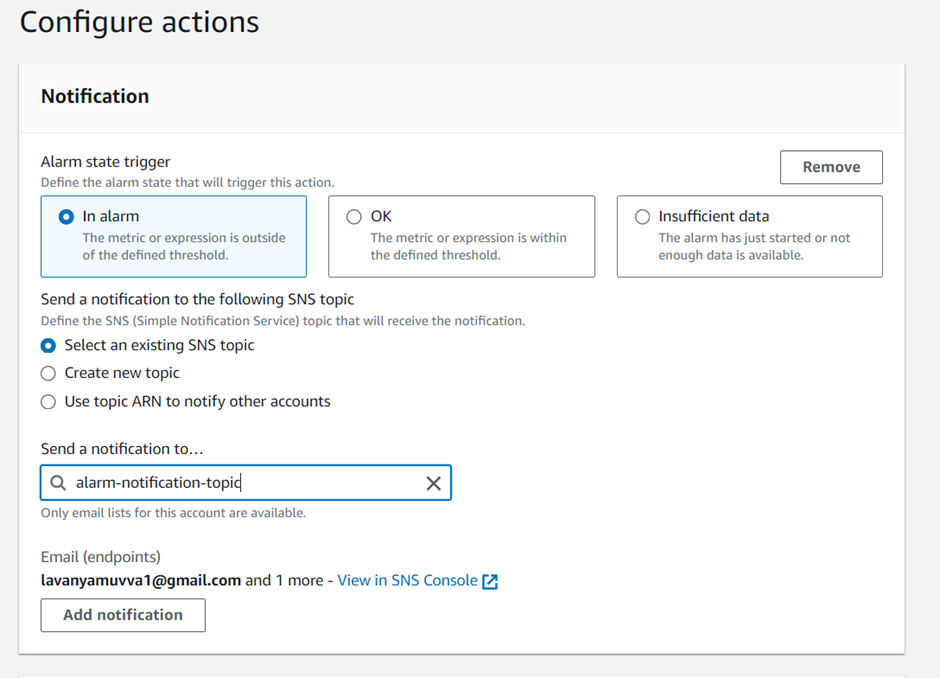
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Select an SNS topic from [Module 8: SNS/SQS](/epmc-acm-public/aws-associate-training/-/blob/CloudX_Associate_AWS_Java_TShape_Developer_theory_impovements/courses/CloudX_Associate_AWS_Java_TShape_Developer/tasks/sns_sqs/README.md) to notify when the alarm is in ***ALARM*** state.



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Try to modify alarm limit percentage by setting lower value. Verify notification message when the alarm will reach ***ALARM*** state.

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Sub-task 2 – CloudTrail

1. Visit CloudTrail Dashboard.
2. Explore Event History section

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