**Requirement:**

* Send Email Notification when a specific EC2 instance stops.

**AWS Resources Required:**

1. EC2 Instance

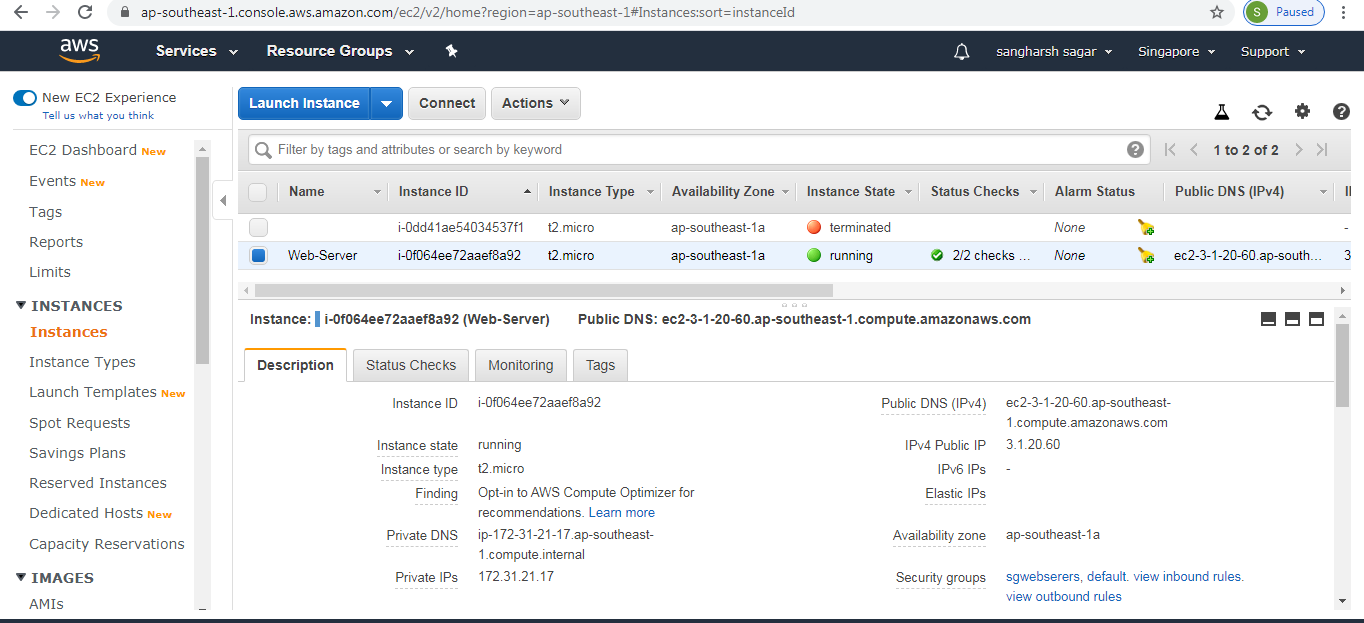
2. SNS Topic

3. Lambda

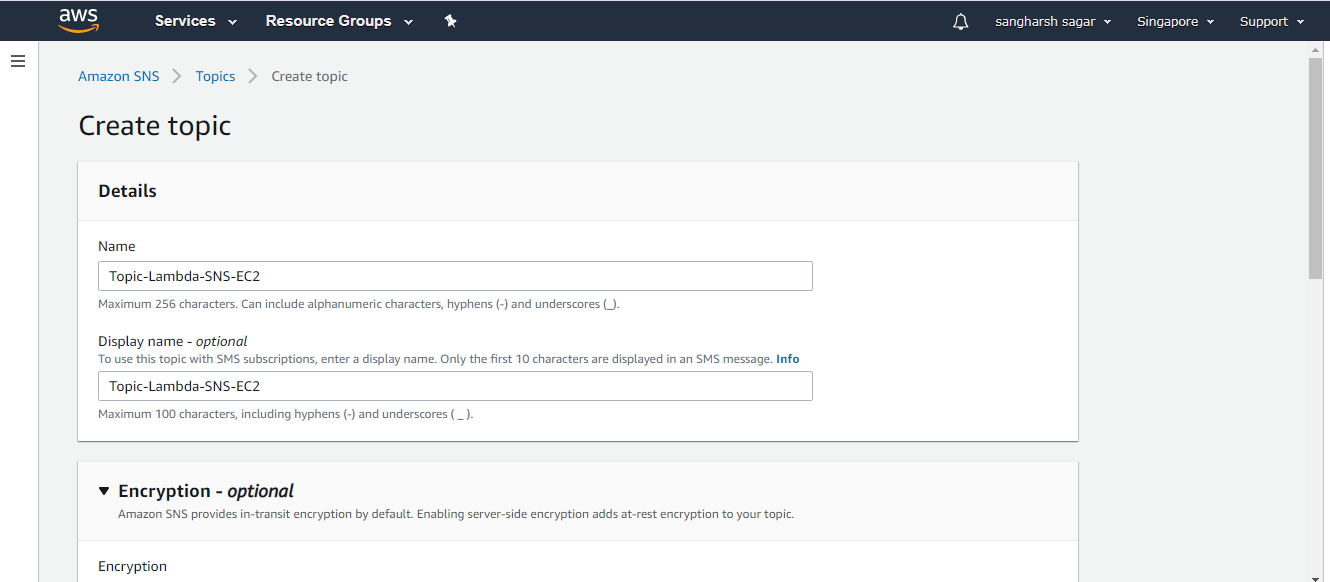
4. CloudWatch

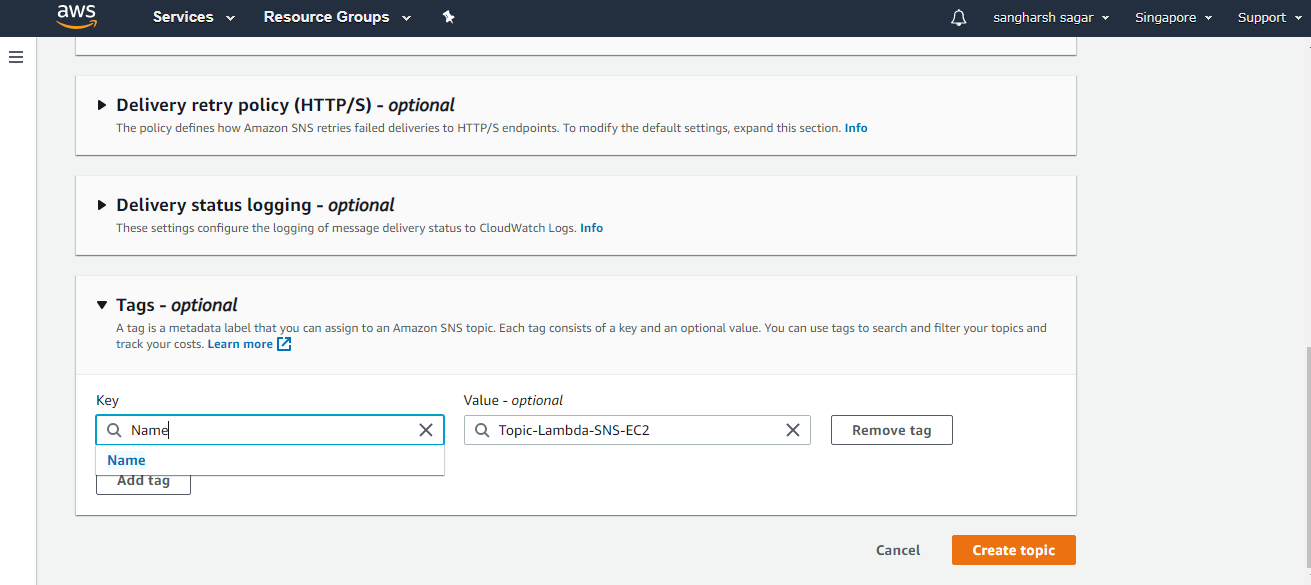
5. IAM Role for Lambda (to access CloudWatch and SNS)

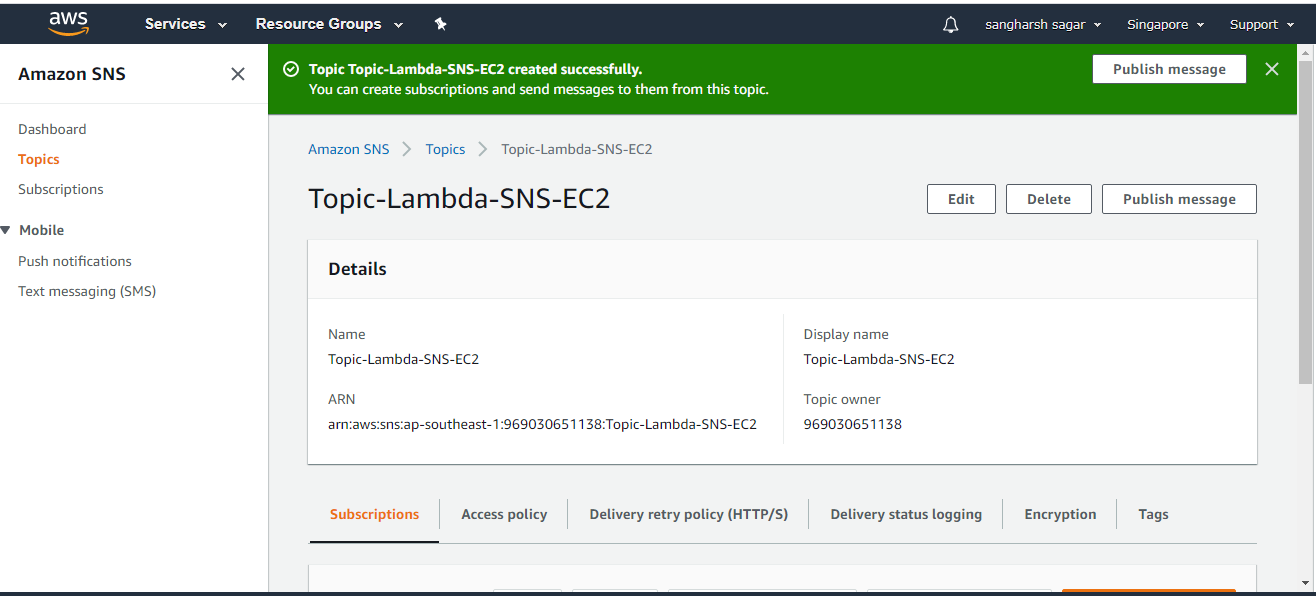
1. Created an EC2 Instance in Singapore Region.

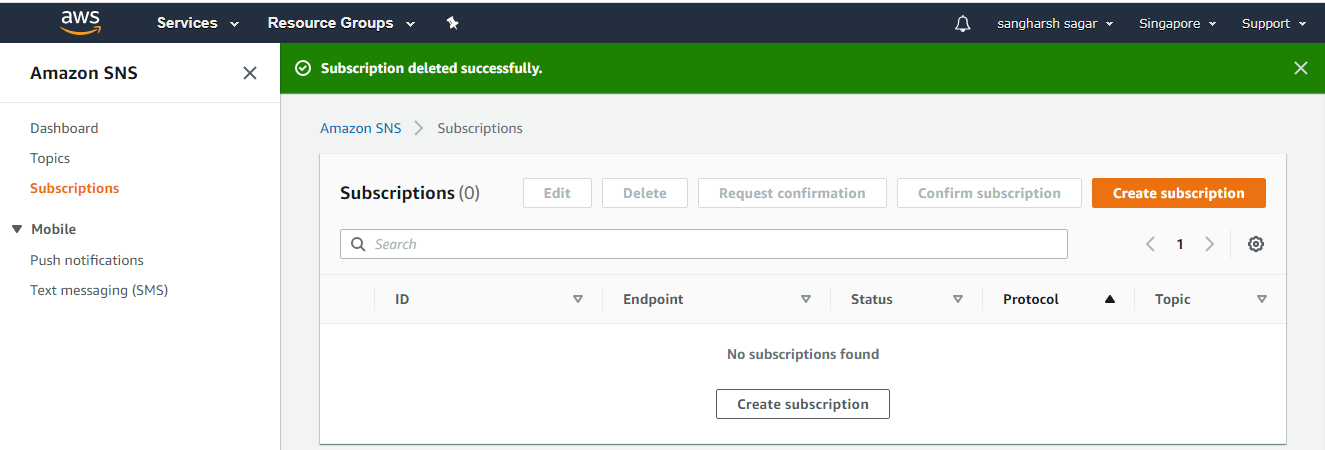


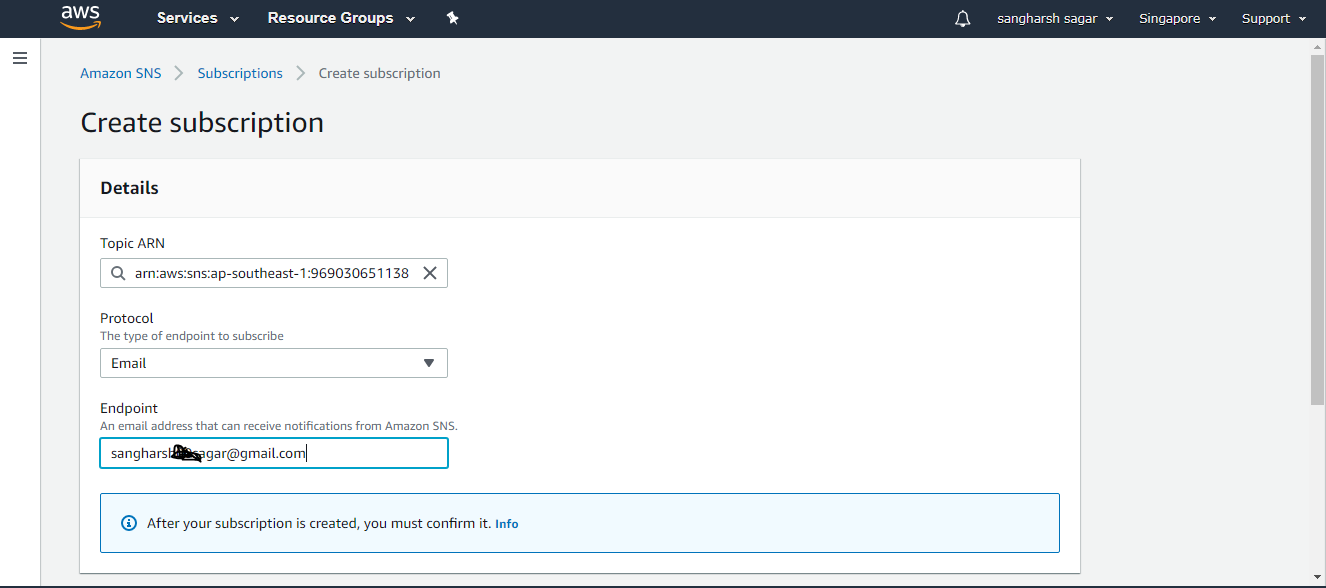
2.Create SNS Topic and Add Subscribers.

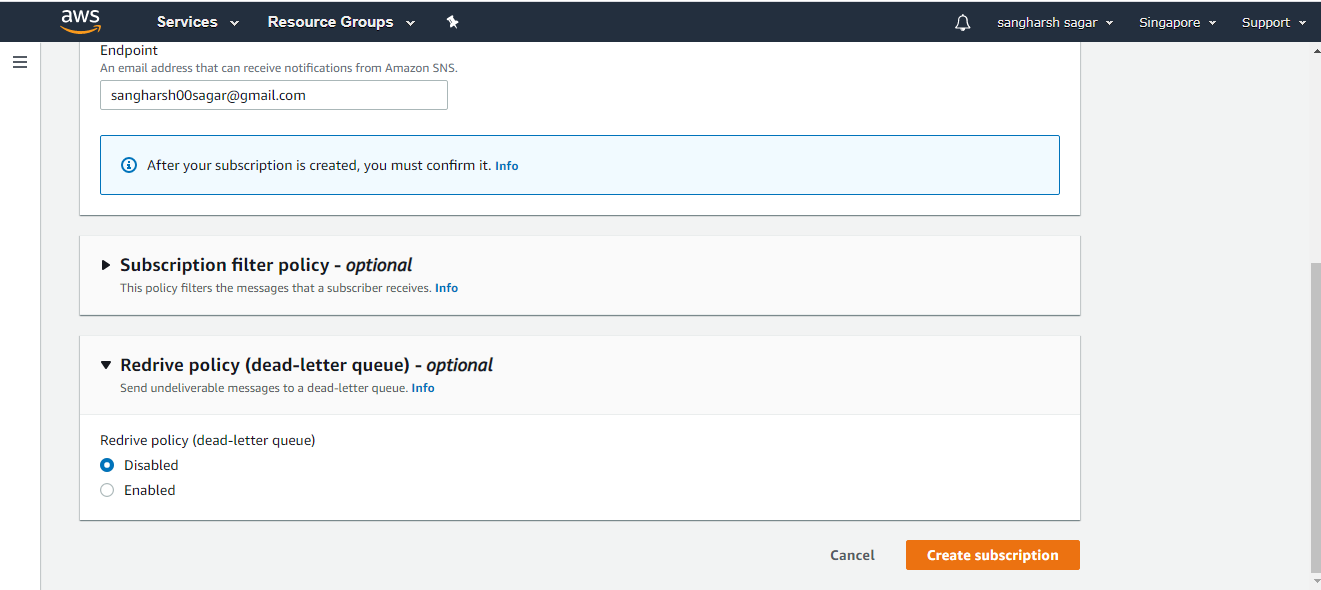


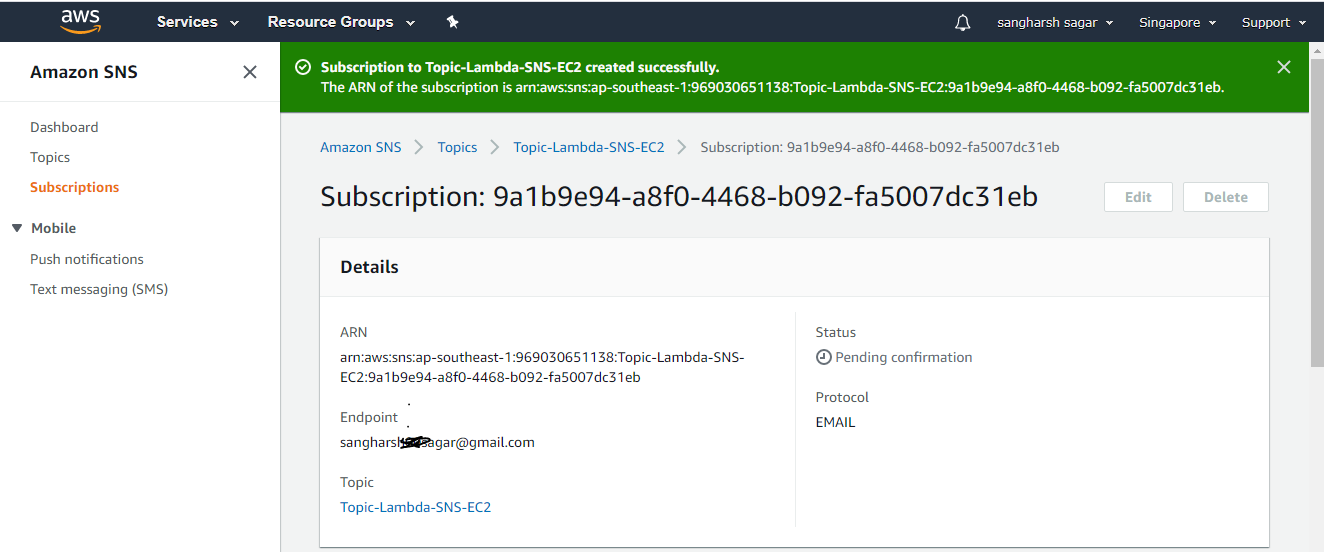




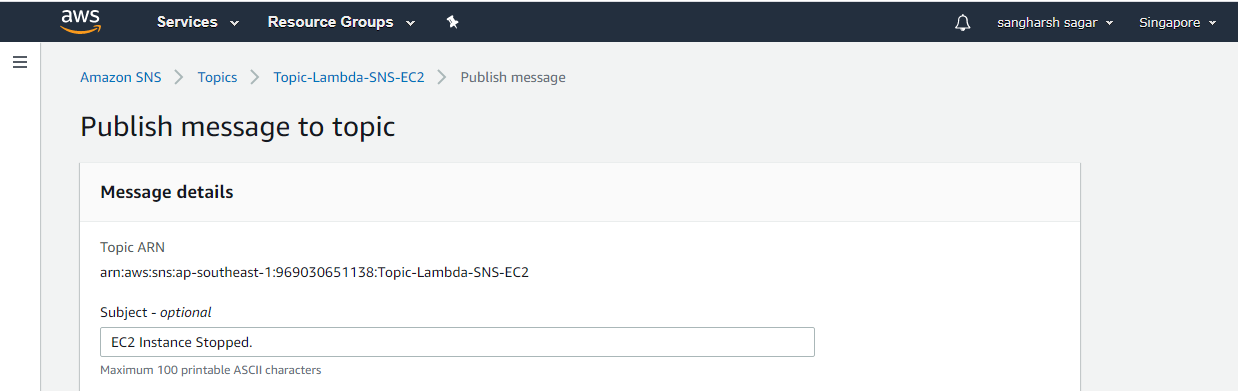


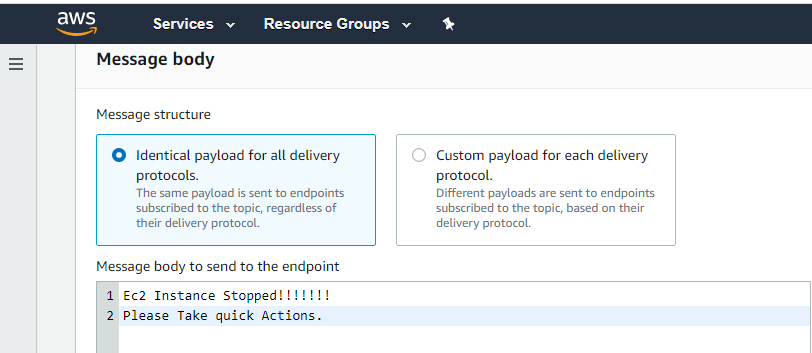


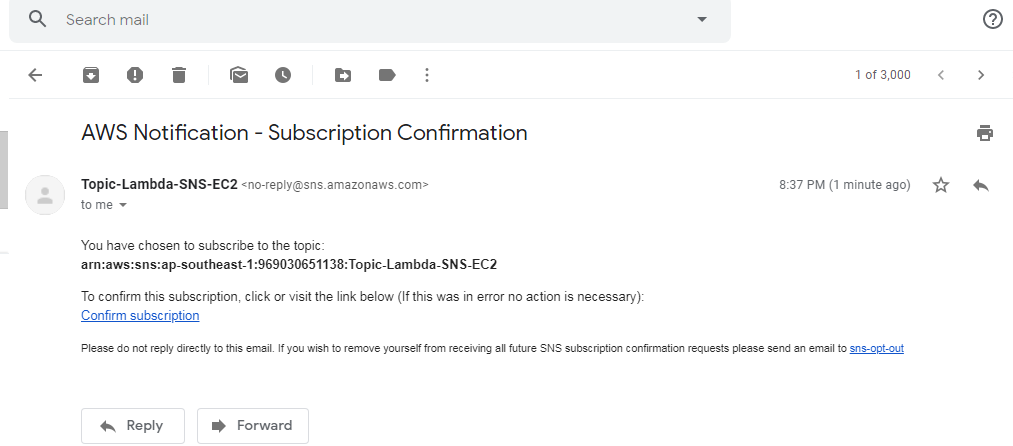


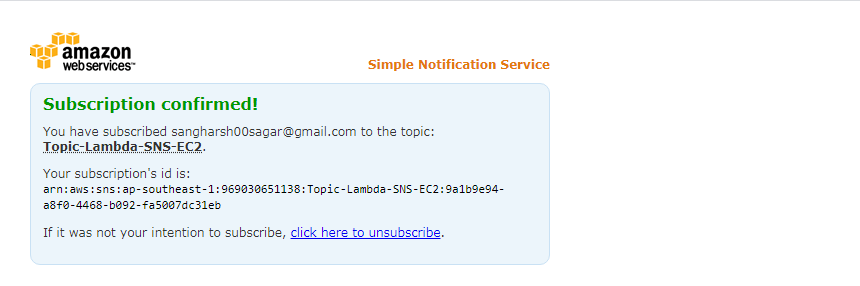


Create Message

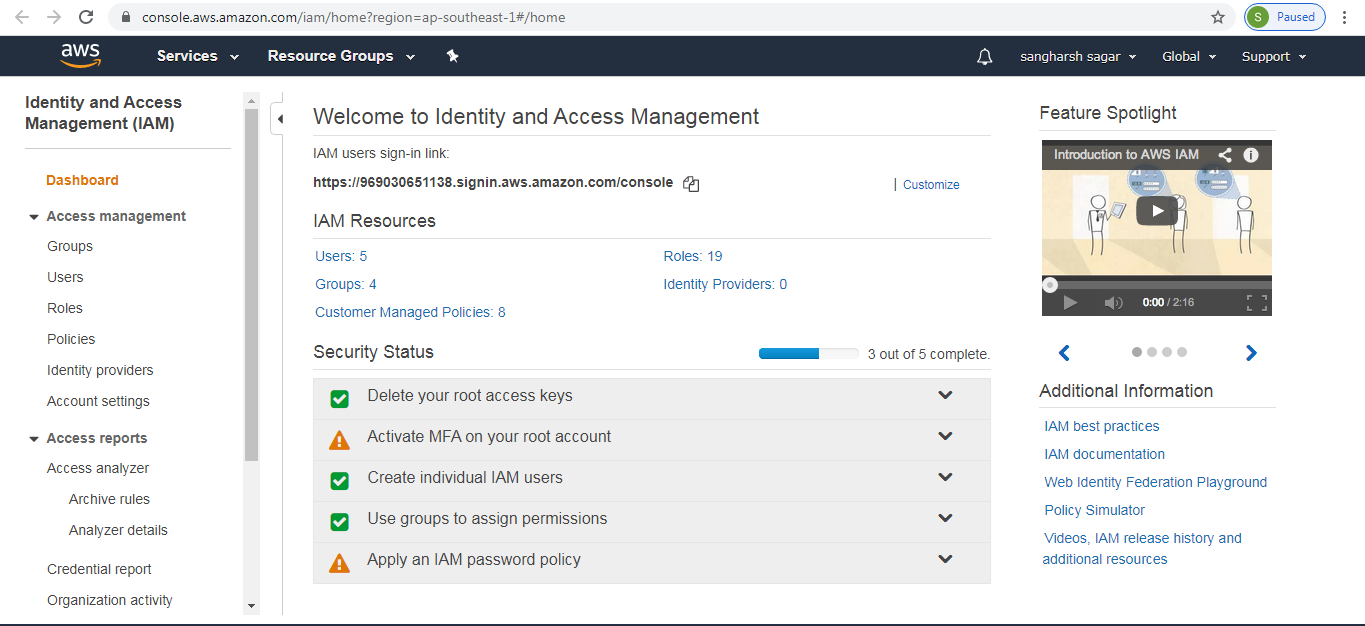


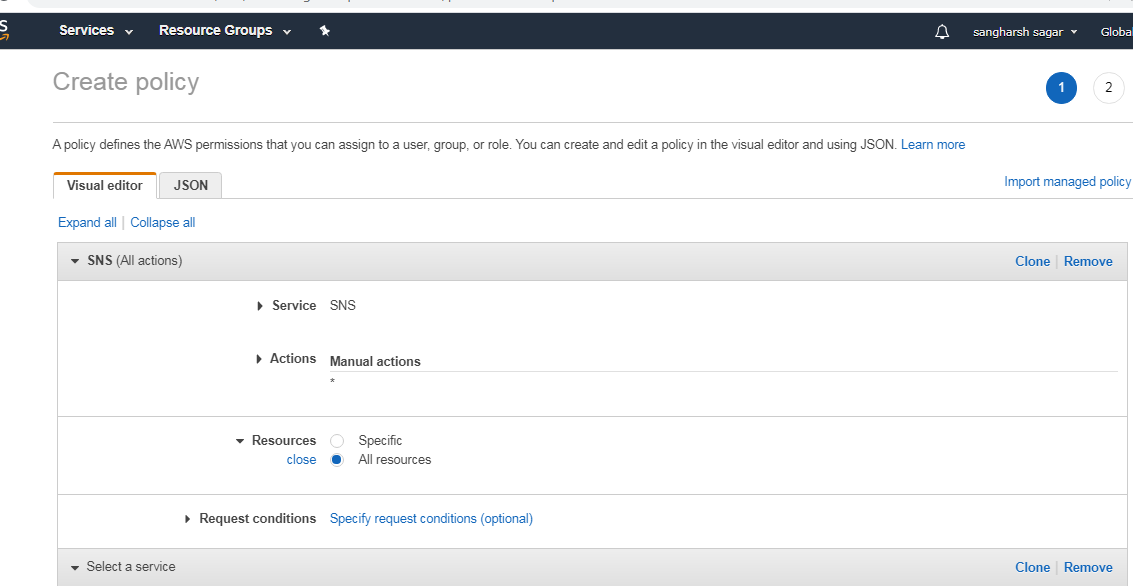


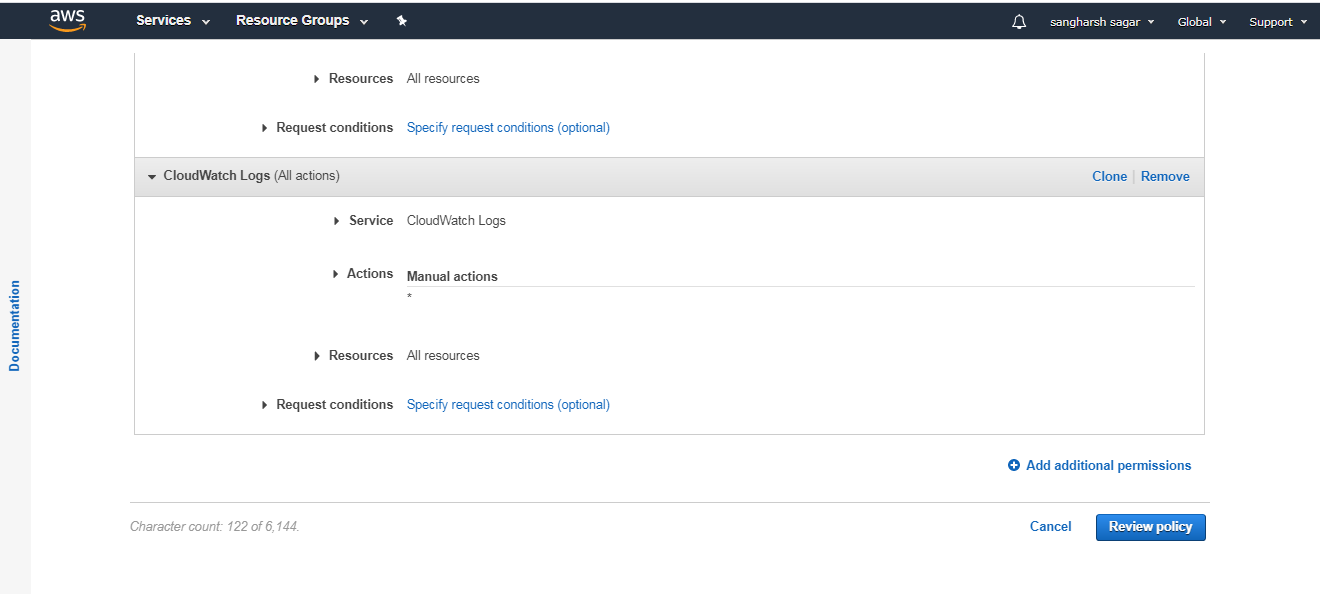


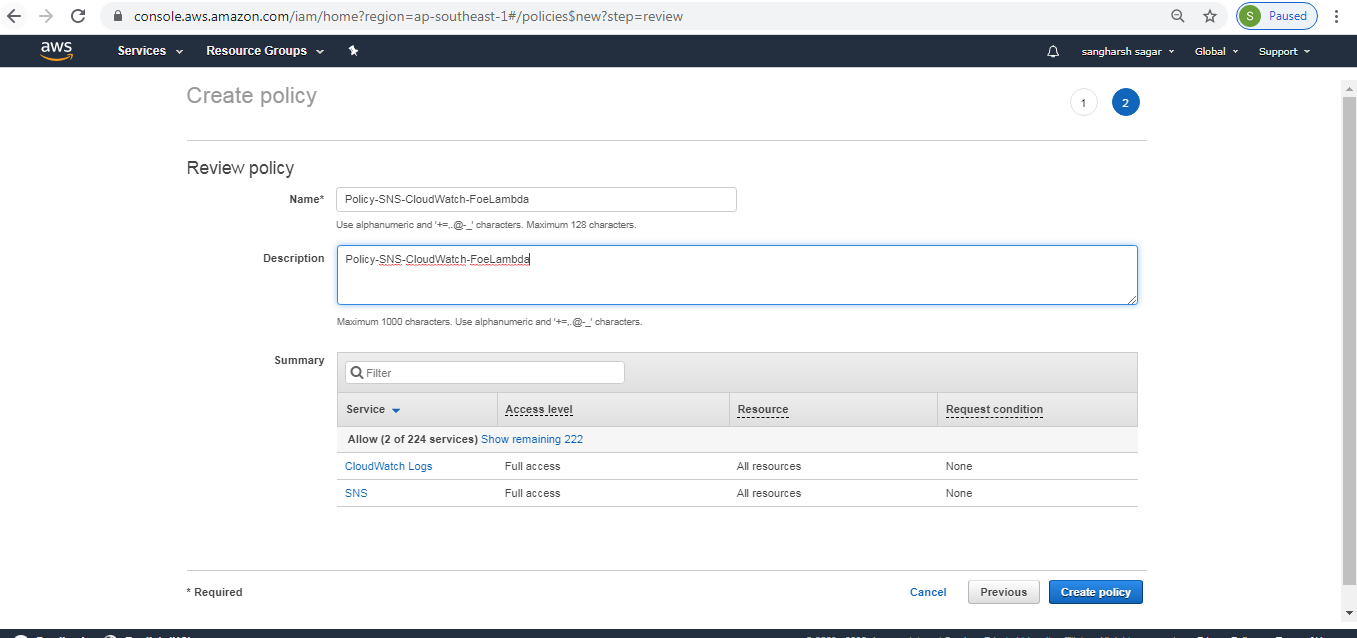


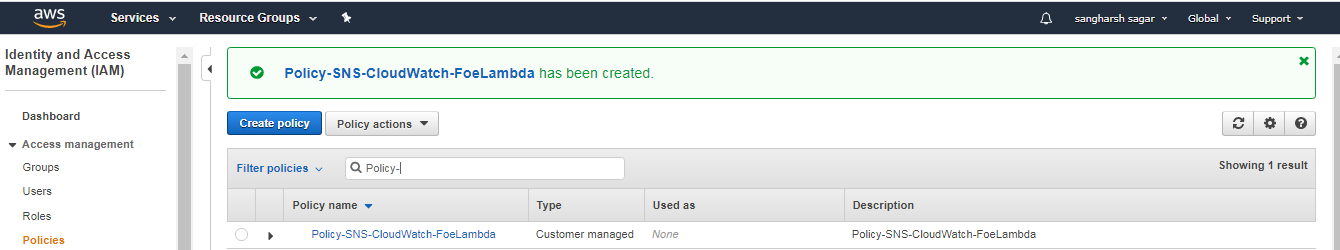
3. Role for Lambda to access SNS Topic and CloudWatch Events.



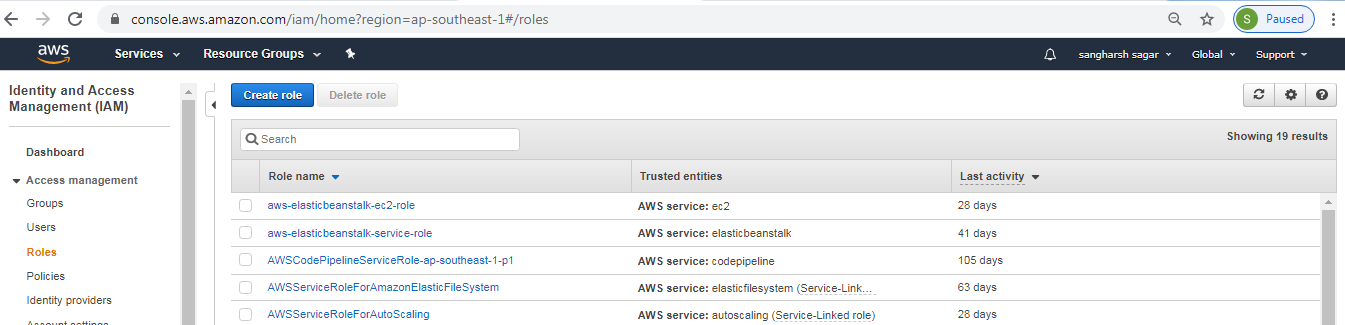


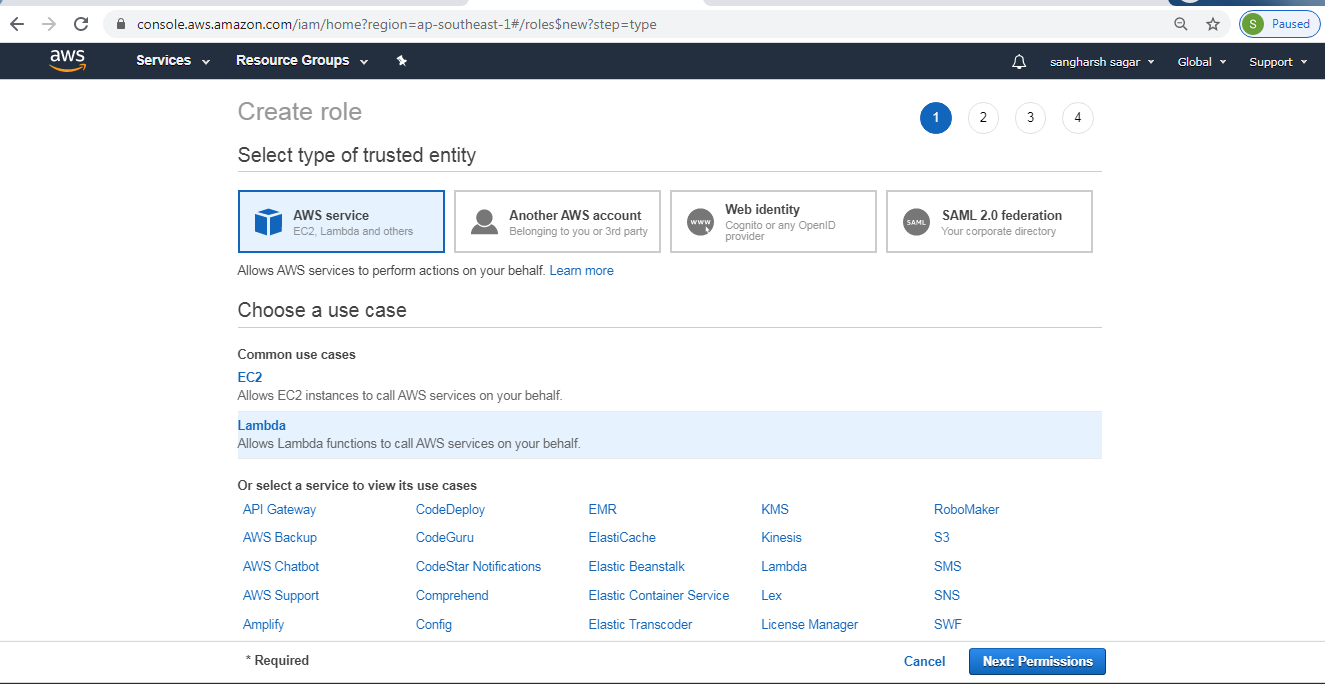


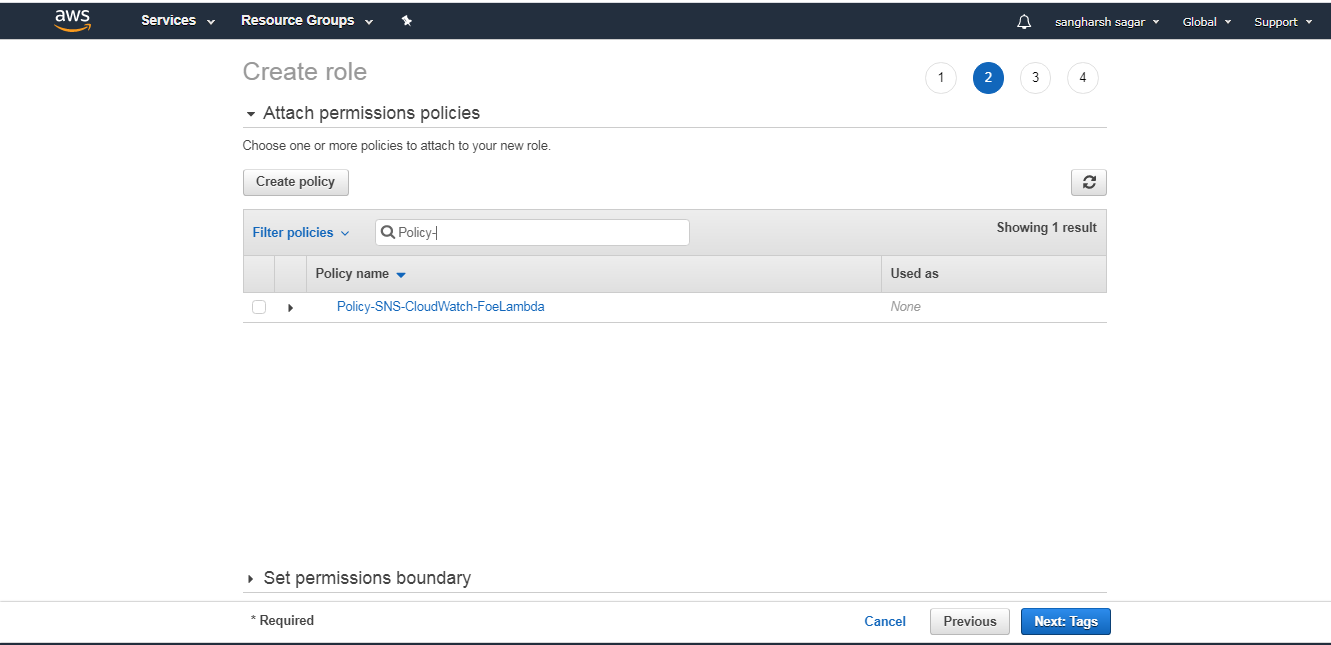


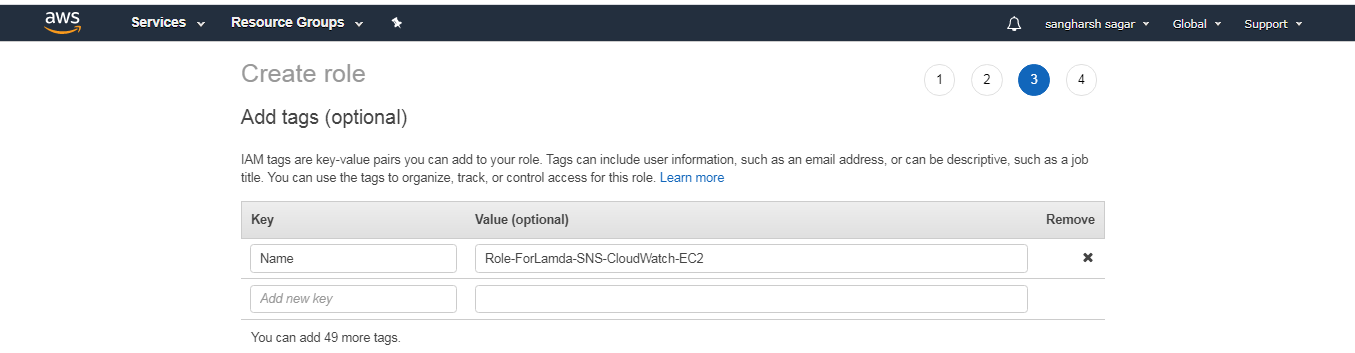


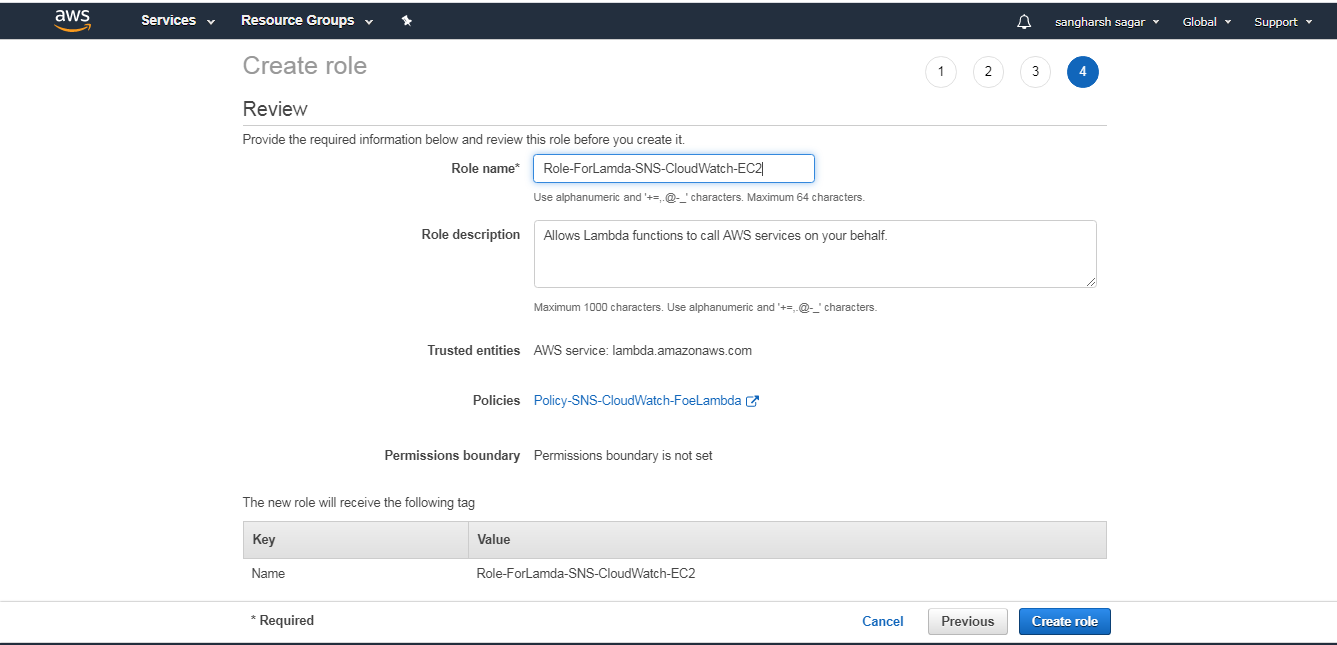
Create Role for Lambda with Following Policy.



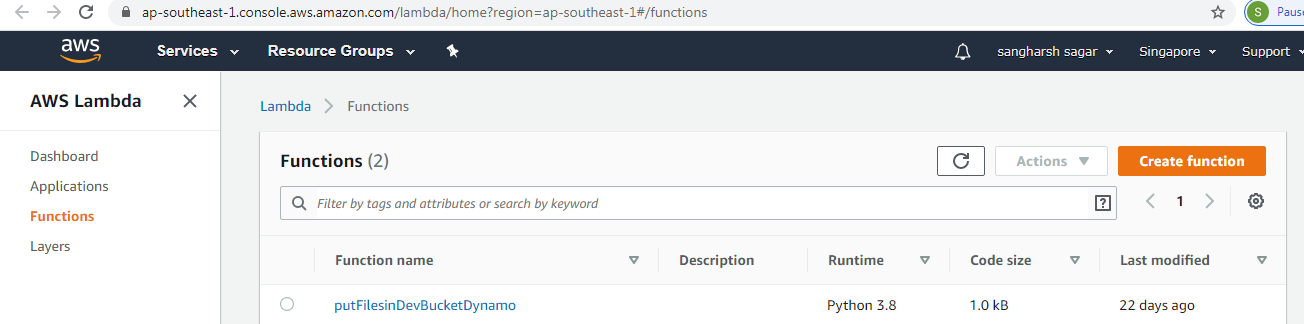


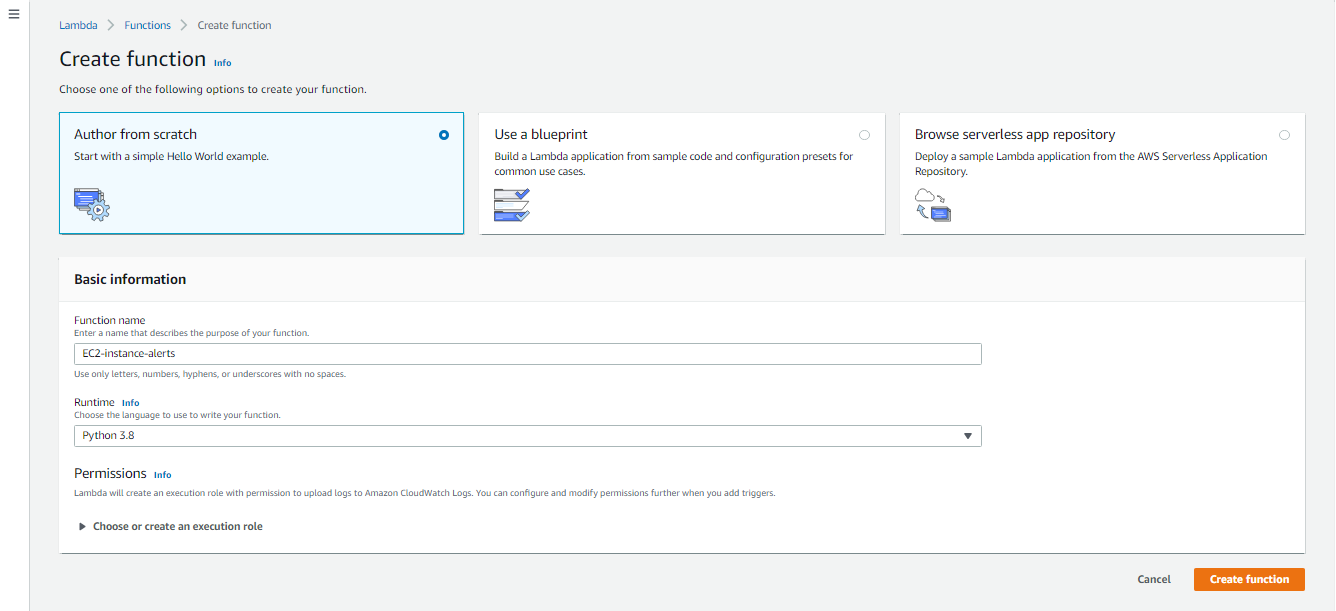




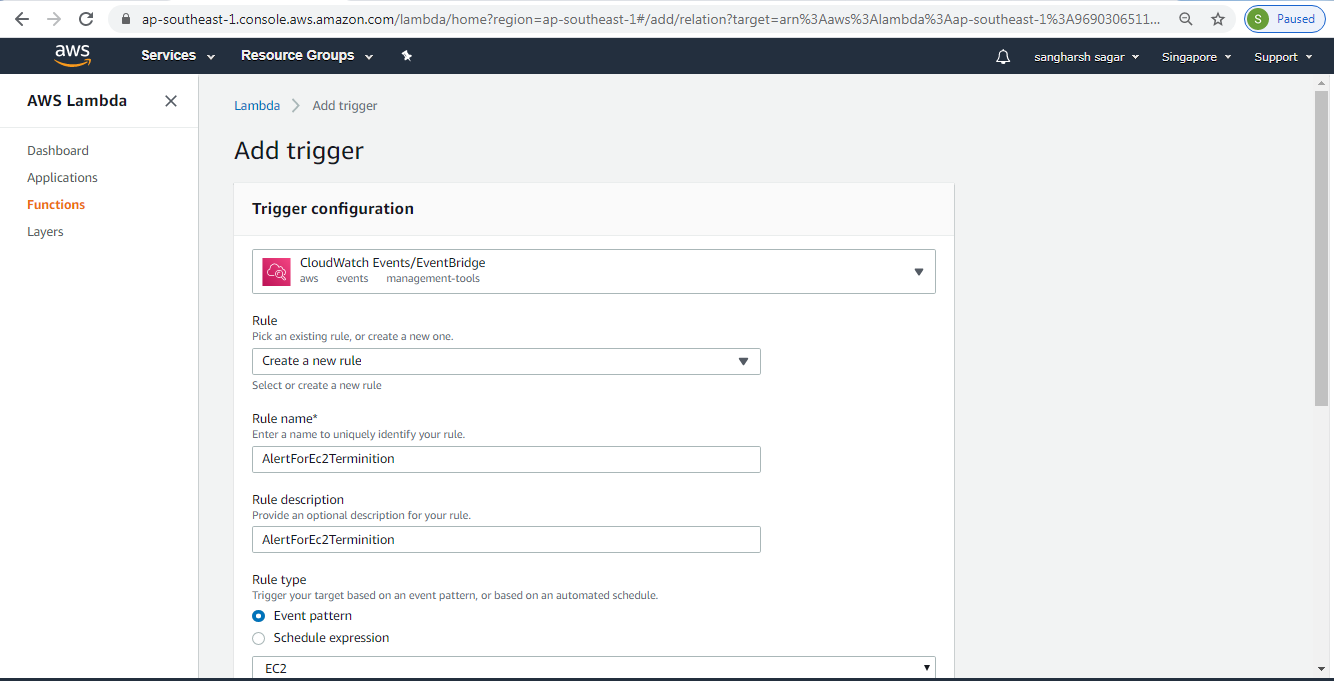


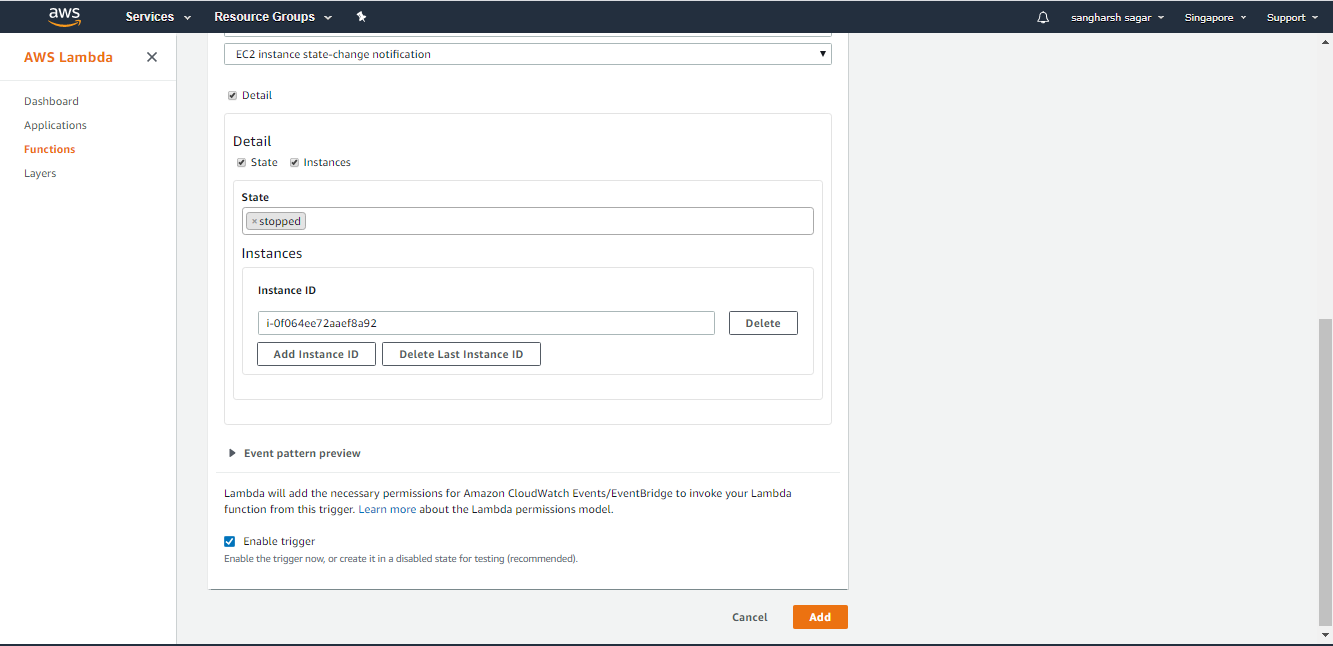
Create Lambda Function:



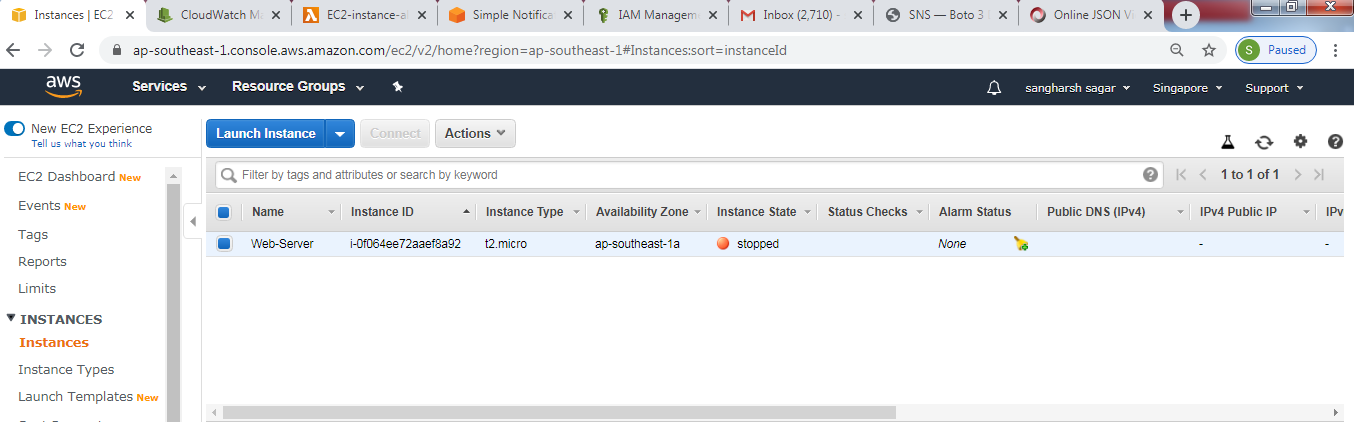


Add Triggers:

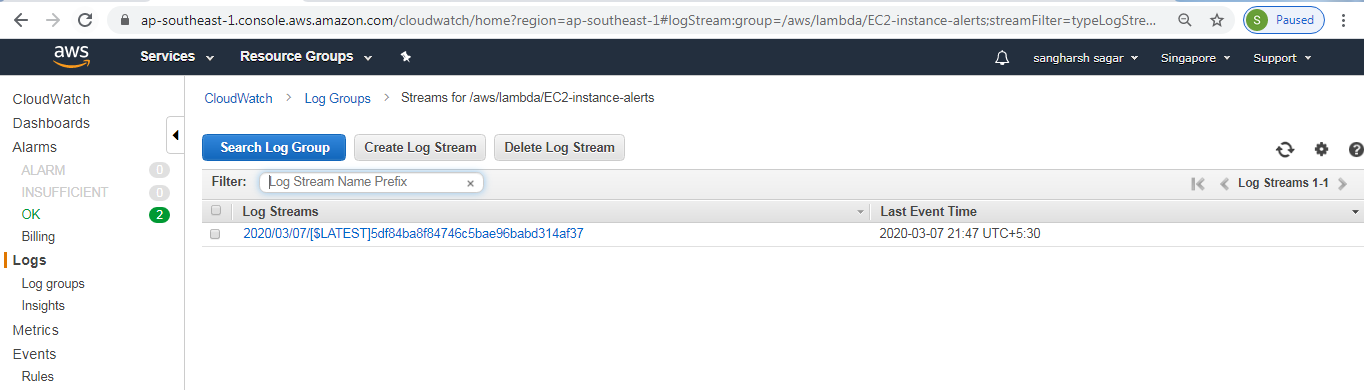




Stop EC2 Instance:



Logs generated in CloudWatch



Also you get an email

