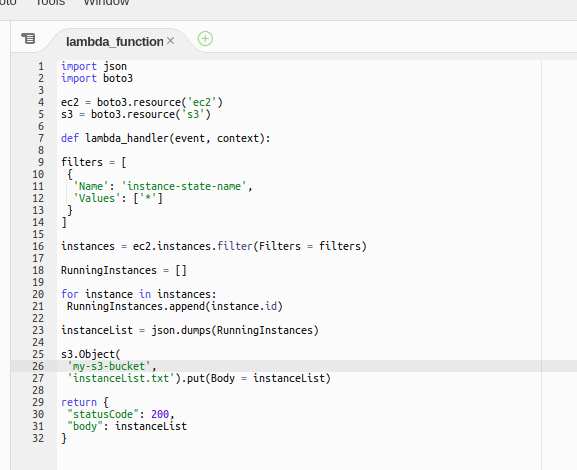
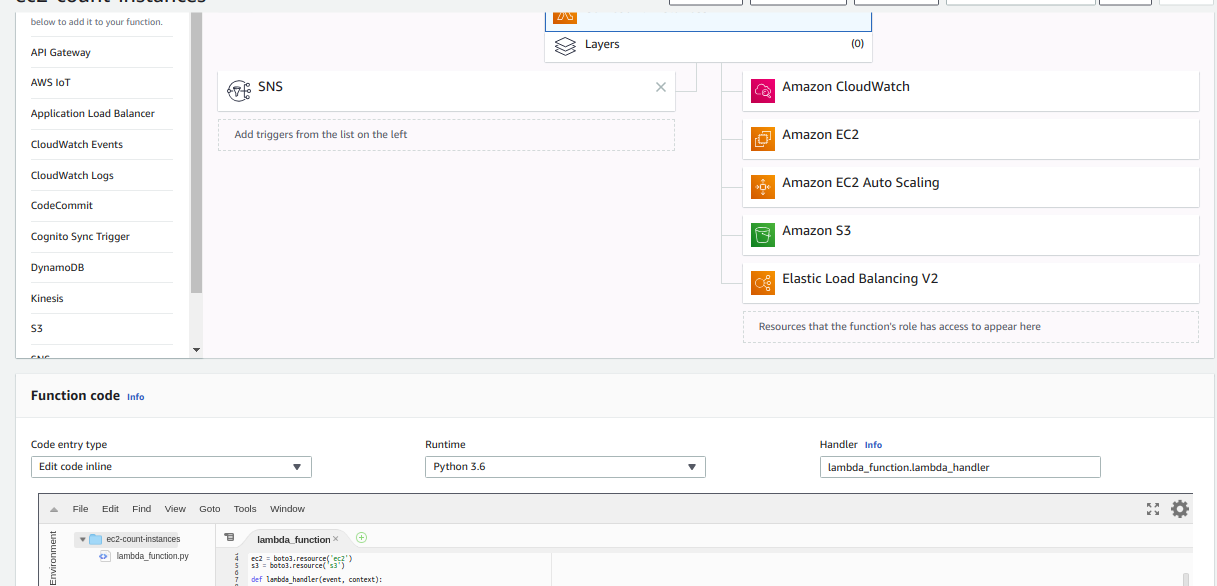
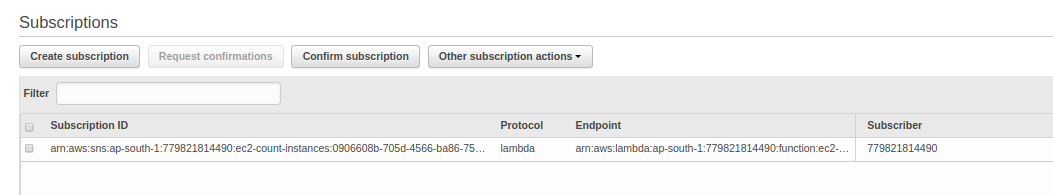
1. **Create a Lambda function which get triggered from a SNS and lists all the running instances.**

*Code for counting number of instances and saving it to S3*

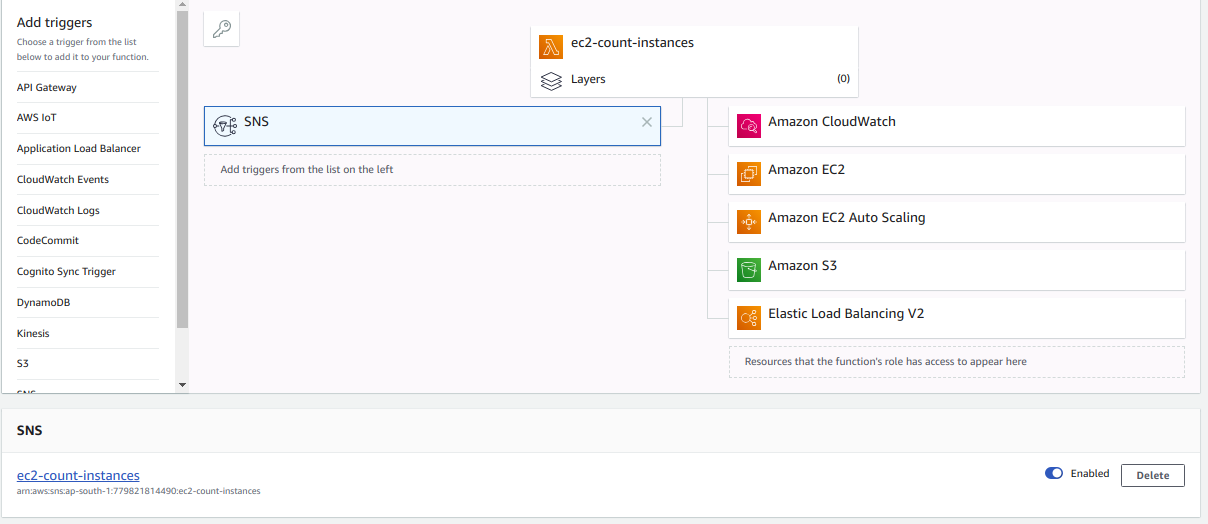
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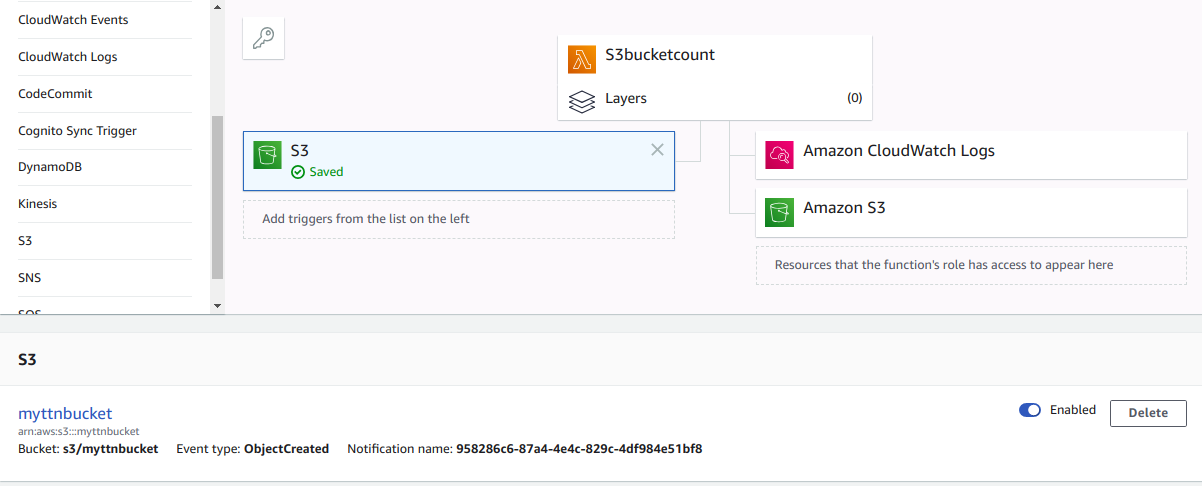
*SNS Subscription for AWS Lambda*

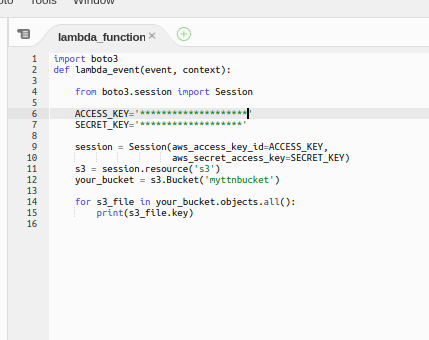
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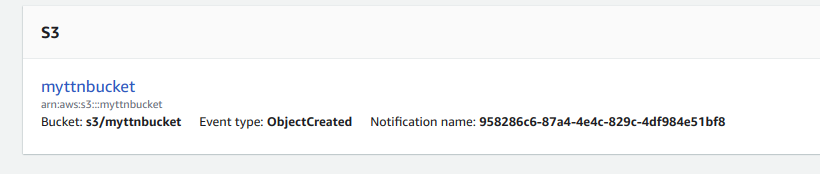
*Lambda Trigger*

****

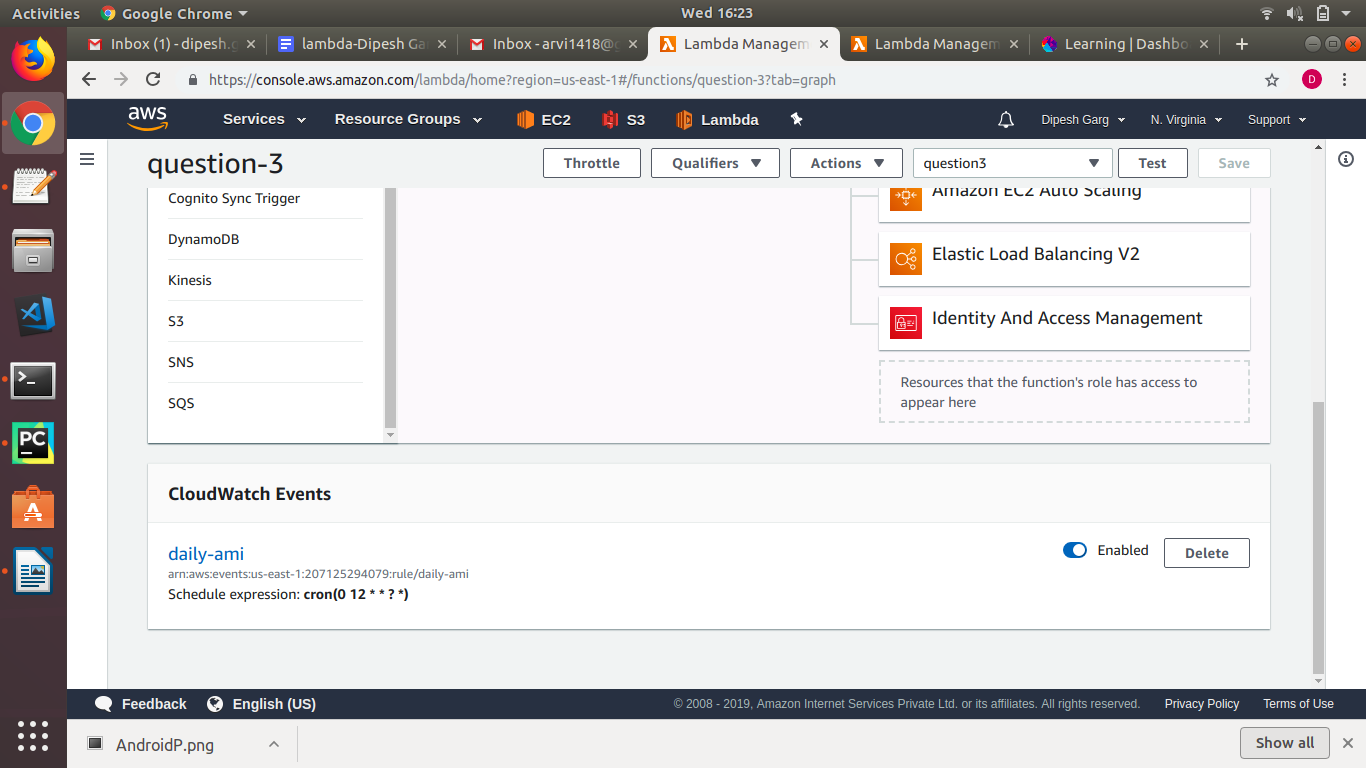
1. **Create a Lambda function which gets invoked whenever a file is added to a s3 bucket and prints the list of all the files present in that bucket.**

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1. **Create a Lambda functions which gets triggered daily and takes the AMI of a particular EC2 instance.**



import json

import boto3

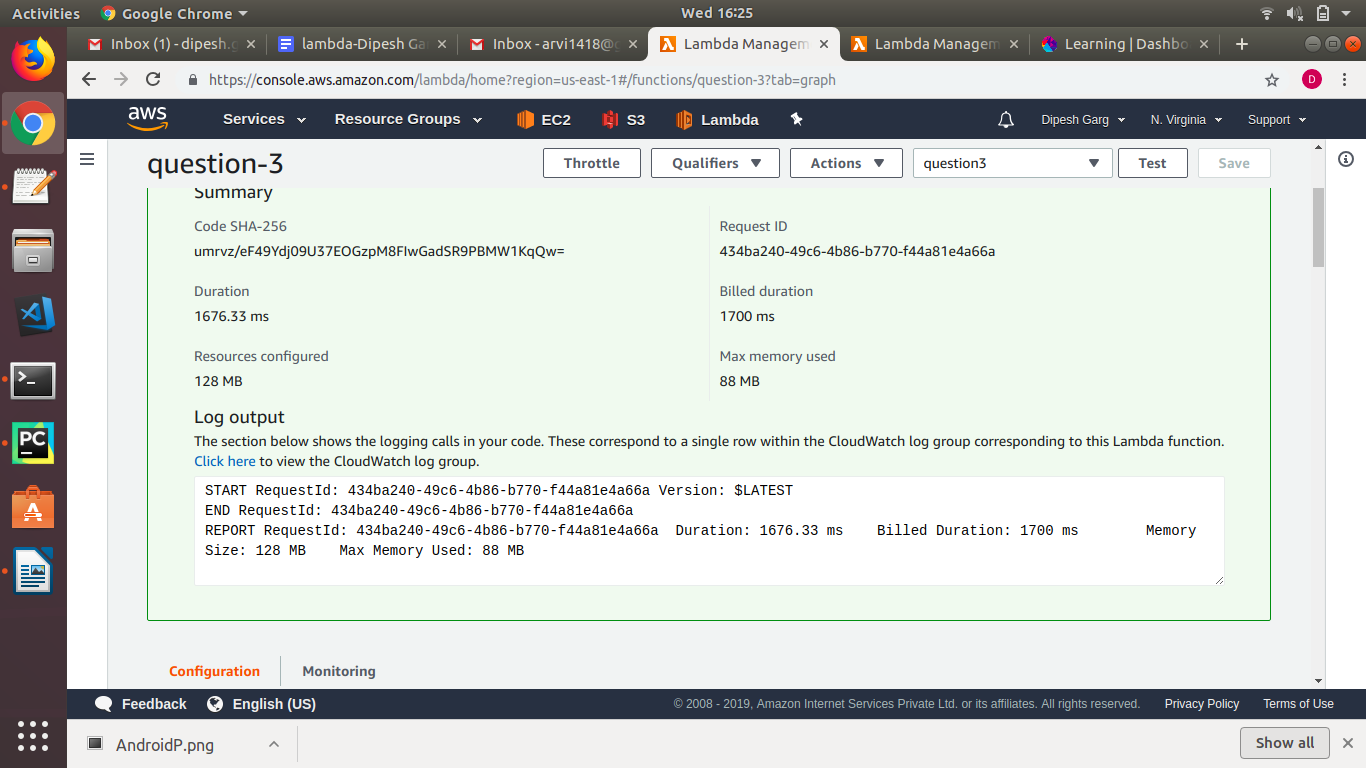
def lambda\_handler(event, context):

access\_key='xxxxxxxxxxxxxxxxx'

secret\_key='xxxxxxxxxxxxxxx'

ec2 = boto3.client('ec2')

ec2.create\_image(InstanceId="i-0afda09f6dd6cef20",Name="ec2")



1. **Create a Lambda function which will login to a EC2 instance and prints all the running services. (Use python’s paramiko module to do SSH. Also, launch lambda in a VPC).**

Doubt in this question