Advance AWS

AWS Assessment Project 3

Student:

Kishore Shinde

Teacher:

Mrs. Vinolin Jeremiah

Course:

Advance AWS Cloud Computing with DevOps
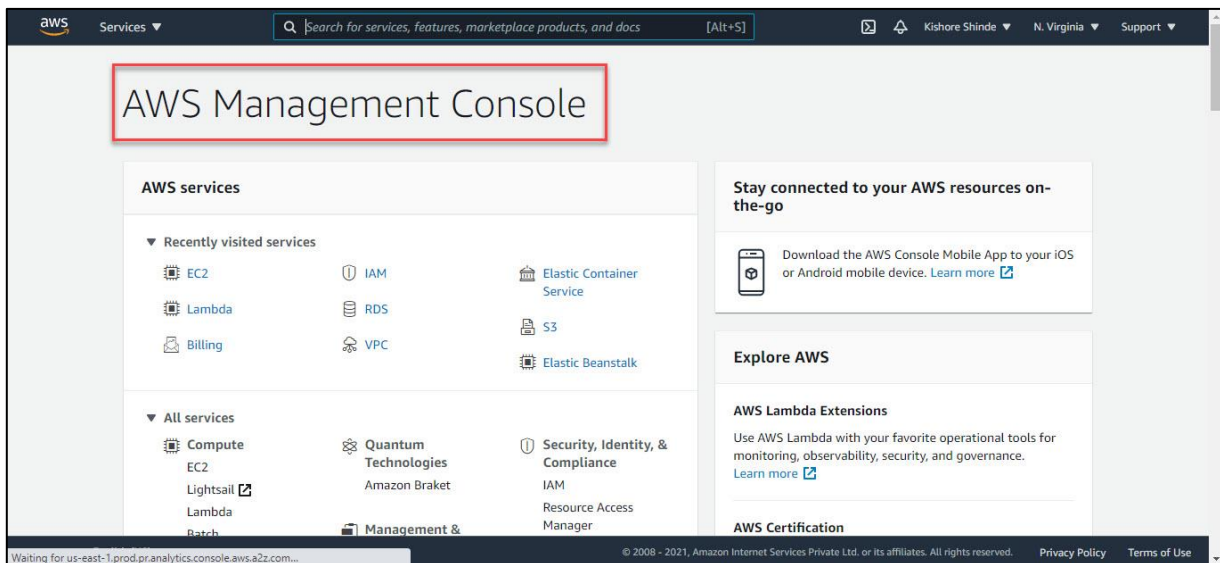Fundamentals

Institute:

Lets Upgrade

Project: Provision EC2 instance with Lambda

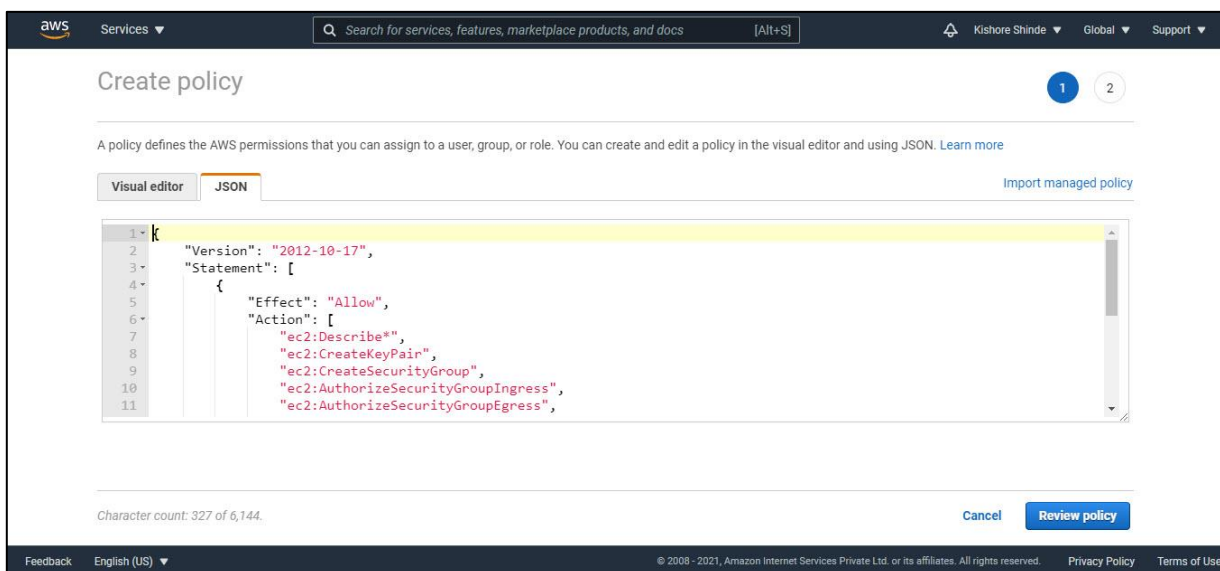| Task 1	Login to AWS Console
Task 2	Create am IAM Policy and an IAM Role
Task 3	Create a Lambda Function
Task 4	Configure Test Event
Task 5	Trigger the Lambda Function manually using the test event

TASK 1: Log into the AWS Management Console

TASK 2: Create an IAM Policy

SS1: Create IAM policy with EC2 configuration

- IAM Policy

- *Policy allowing access for running instances, create Security groups, creating Inbound & Outbound rules, create tags, create key pair in **us-east-1 region (N. Virginia)***

- EC2 Configuration

Sr. No.	Name	Service	Access Level
1.	MyPolicy	EC2	Write, Tagging

SS2: Create Role

- **Entity Type** : AWS Service
- **Use Case** : Lambda

Attach Permission Policies

- **Policy Name :** MyPolicy

Review

- **Role Name**: myrole

TASK 3: Create Lambda Function

SS3: Lambda Function – Code Configuration
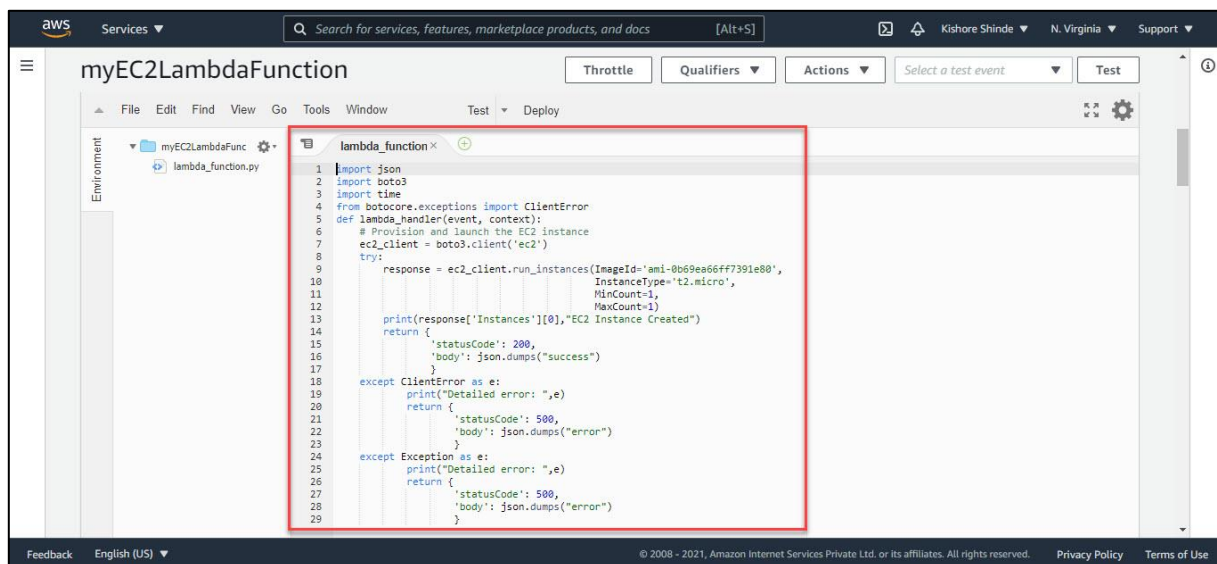
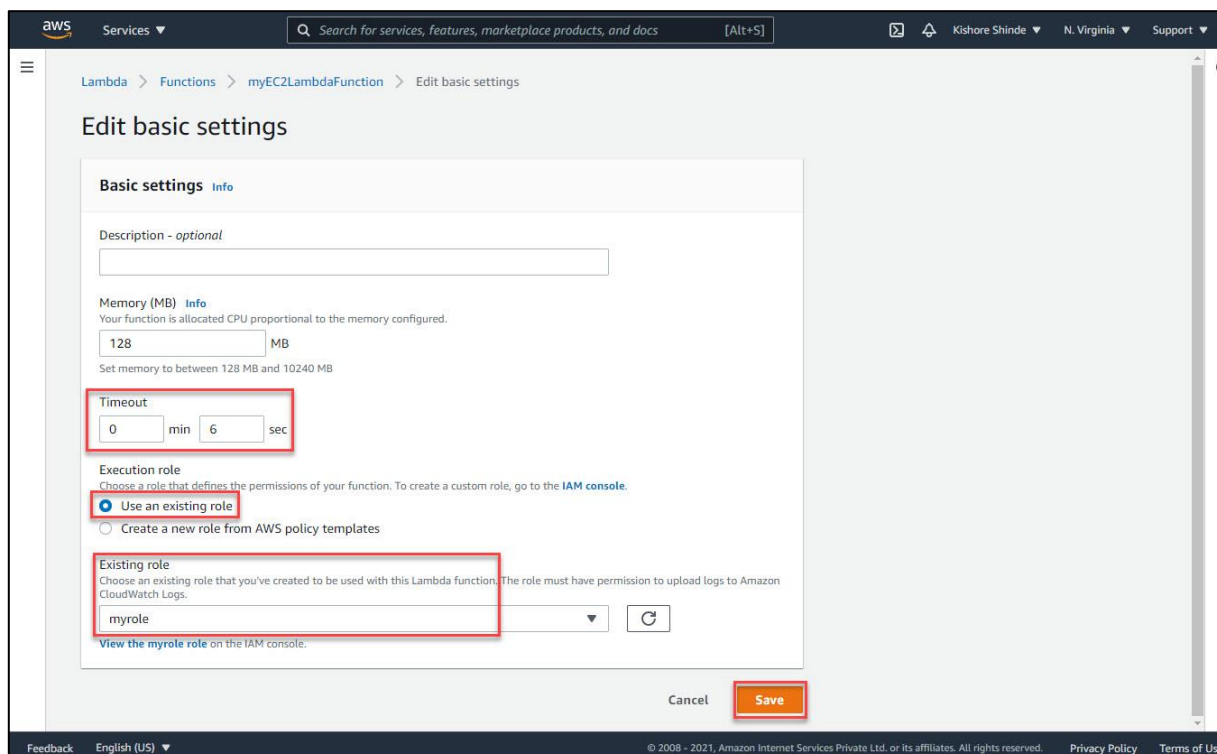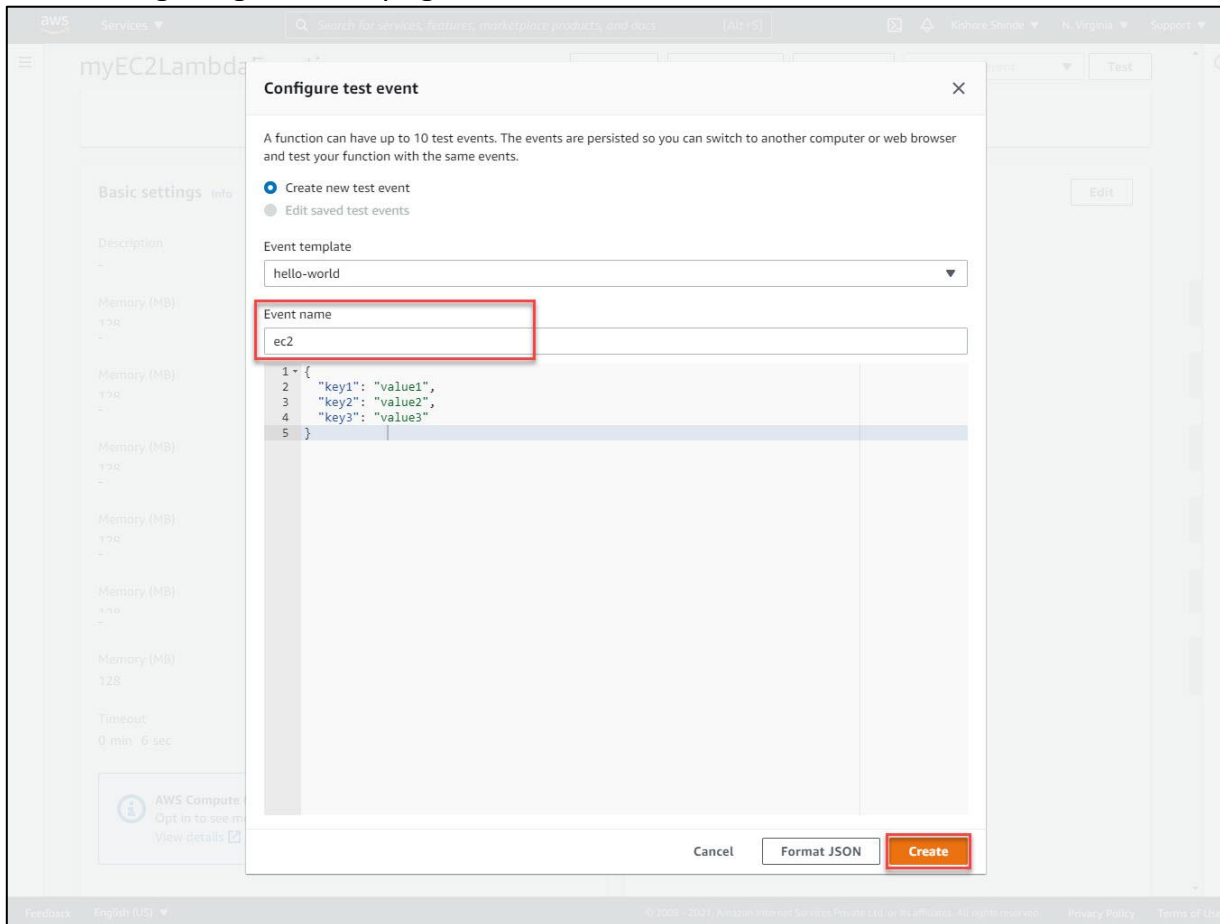- **Function Name** : myEC2LambdaFunction

SS4: Timeout Setting

- **Timeout**: 6 Sec
- **Execution Role**: Existing role – *myrole*

TASK 4: Configure Test Event

SS5: Configuring the test page

- **Event name**: ec2

TASK 5: Trigger the lambda functionality using the test events

SS6: Details of instance deployed from lambda console

Sr. No.	Instance Id	VPC Id	Private IP
1.	i-02cb5d3494a140a4c	vpc-4514e238	172.31.16.7

SS7: EC2 Dashboard with instance details

Sr. No.	Instance Id	VPC Id	Private IP
1.	i-02cb5d3494a140a4c	vpc-4514e238	172.31.16.7

xxx---AWS Assessment Project 3 Ends Here--xxx