This is a lambda function PDF 

**Step 1:** create 2 Instance in Different available Zones.

Ex. 1st instance in Mumbai Region name: ec2-for-lambda-mumbai

Ex. 2st instance in Oregon Region name: ec2-for-lambda-oregon

Note: Check both of region to created lambda-backup-function-ebs-snapshot

**Step 2:** create Role in IAM Service

Create role

Choose Lambda (allow for lambda function)

Choose policy “[AmazonEC2FullAccess](https://us-east-1.console.aws.amazon.com/iam/home#/policies/arn:aws:iam::aws:policy/AmazonEC2FullAccess)”

Name: “Role-for-ec2-lambda”

**Step 3:** search Lambda service and select

Click “Create Function”

Select “Author from scratch”

Type Function name: Ex. Lambda-Function-for-ec2-snapshot

click “Runtime”

select “Python 3.7”

click “**Change default execution role**”

choose “Use on existing role”

Choose Role you create “Role-for-ec2-lambda”

Click “Create Function”

Click “code”

Firstly, remove existing code and add new following file code



Click on “Deploy” for deploy the code

Click on “Configuration”

Edit the code

Description type Ex. “Function-for-ec2-backup”

Allocated Memory “500mb”

Type Timeout 0 – 40 second

Choose existing Role and “Save”

**Click on “Test”**

Select “Create new event”

Type Event name: Ex. Snapshot

Event sharing settings

Choose “Private”

**Click on “Test”**

Note: show functions log is running

**OUTPUT:**

Note: Check both of region to create lambda-backup-function-ebs-snapshot

After test the code and return test after 40 second create ebs backup for ec2 instances

Suppose delete a lambda function firstly delete function and after delete instances and after snapshots