Assignment no.8

Ques : Explain the below aws architecture diagram in detail, also deploy the same aws architecture.

● For this assignment you need to take a look and study the documentation for SAM CLI, you need to deploy a Hello, World application on aws lambda.

● Make sure when you test the lambda url it will respond as Hello, World.

1.Install and configure AWS CLI and SAM CLI on your local machine.

2. Create a new directory for your project and navigate to it in your terminal.

3. Run the following command to create a new SAM application:

sam init—runtime python3.8—name helloworld-app-template hello-world

4. This will create a basic SAM application structure in the current directory with a sample

app.py file.

5. edit the contents of app.py with the following code:

```python
def lambda_handler(event, context):
    return {
        'statusCode': 200,
        'body': 'Hello, World!'
    }
```
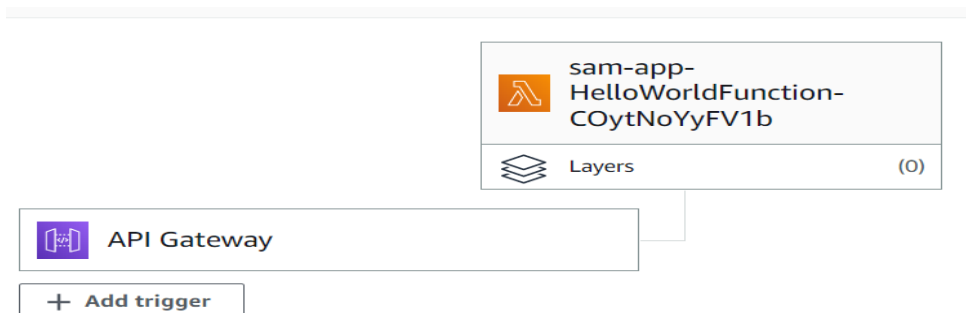
6. Deploy the application using the following command:

sam build

&&

sam deploy-guided

7.open cloud formation and after some time the app will be deployed

8.open the aws service lambda and

The lambda function is created & the api gateway is triggered the url is as follow

9. https://rrz3qrwwu1.execute-api.us-east-1.amazonaws.com/Prod/hello