Question : 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.

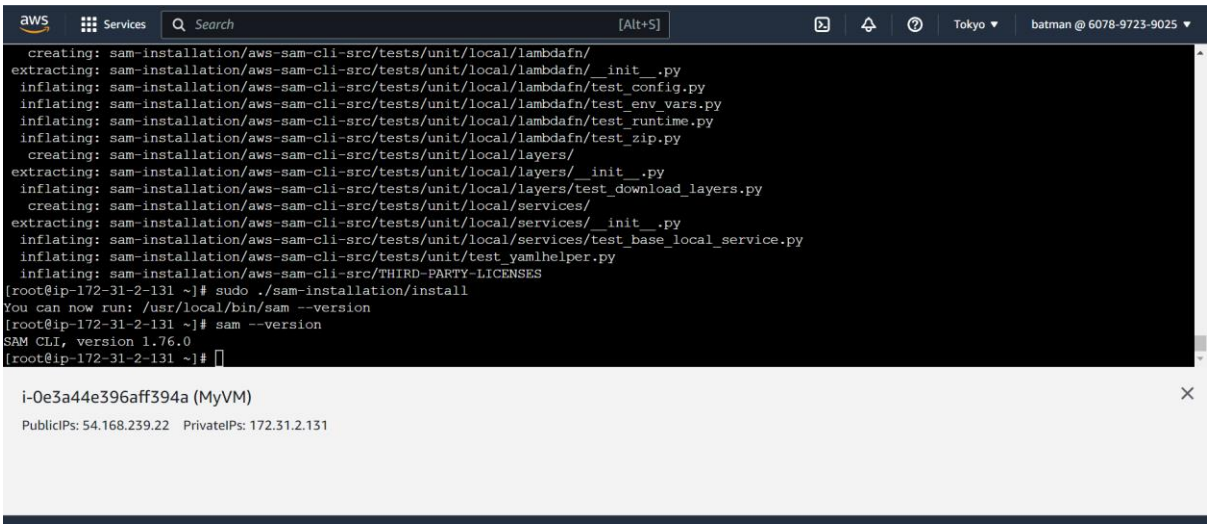
● Make sure when you test the lambda url it will respond as Hello, World

Solution:

1. Installing SAM CLI on linux:

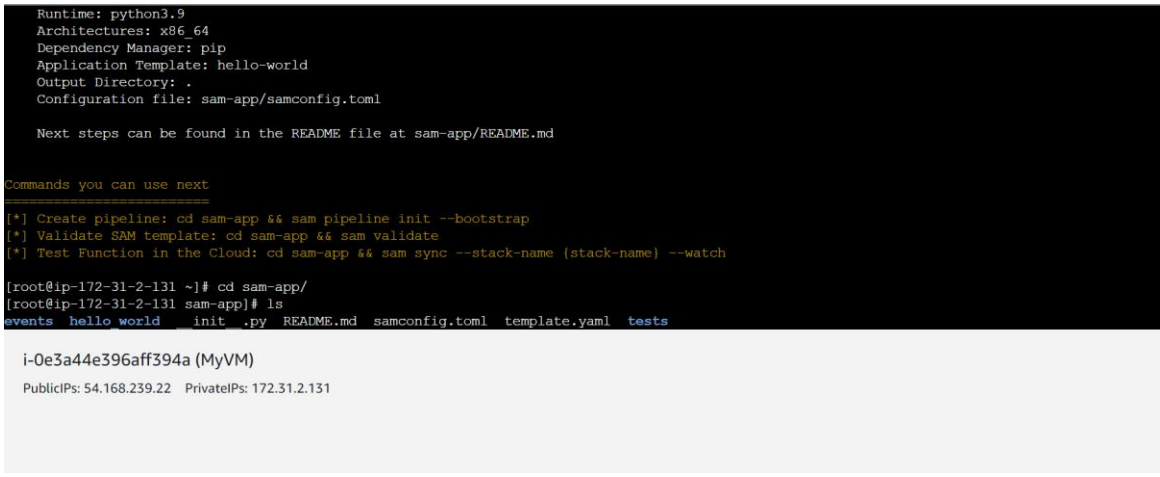
Commands:

- Wget https://github.com/aws/aws-sam-cli/releases/latest/download/aws-sam-cli-linux-x86_64.zip
- unzip aws-sam-cli-linux-x86_64.zip -d sam-installation
- sudo ./sam-installation/install
- sam –version

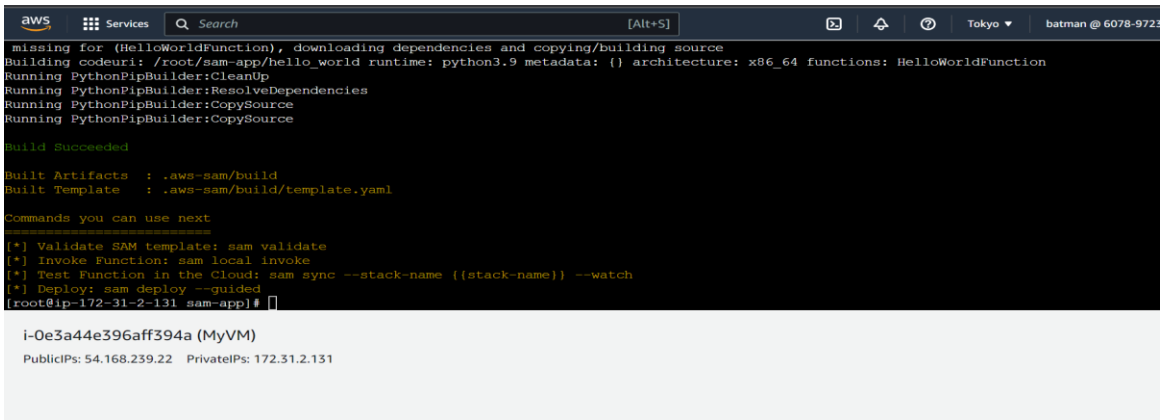


2. Deploying a Hello World application

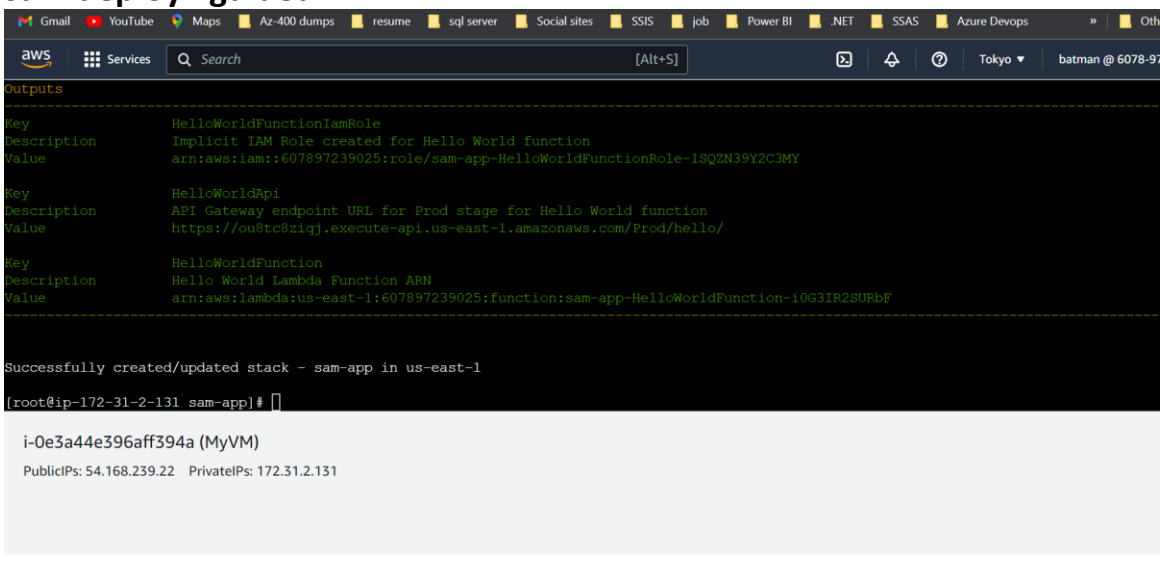
- **Sam init:**



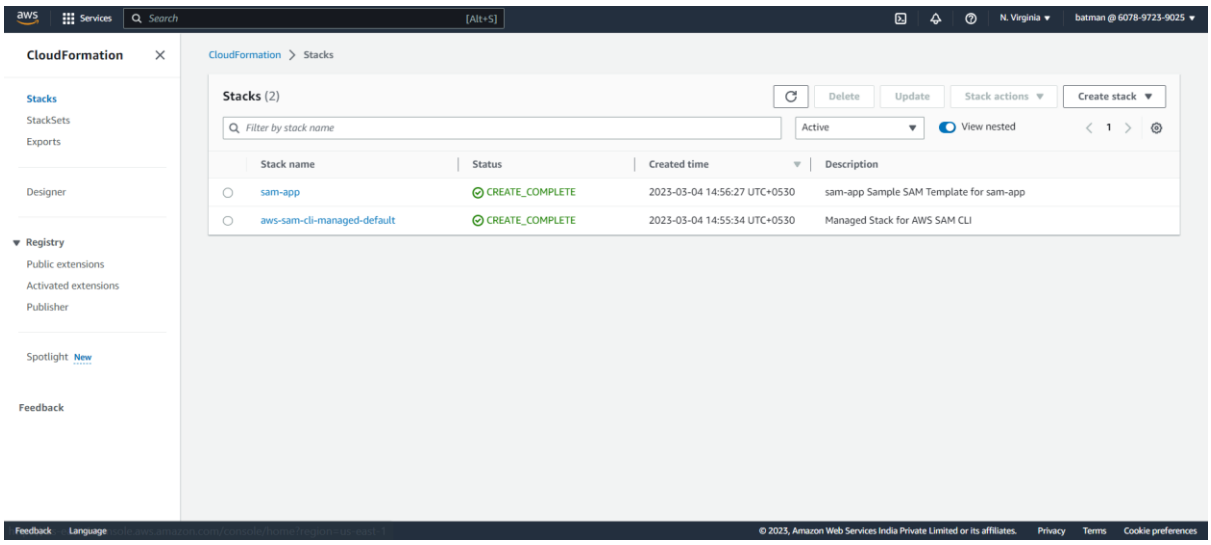
- **Sam build:**



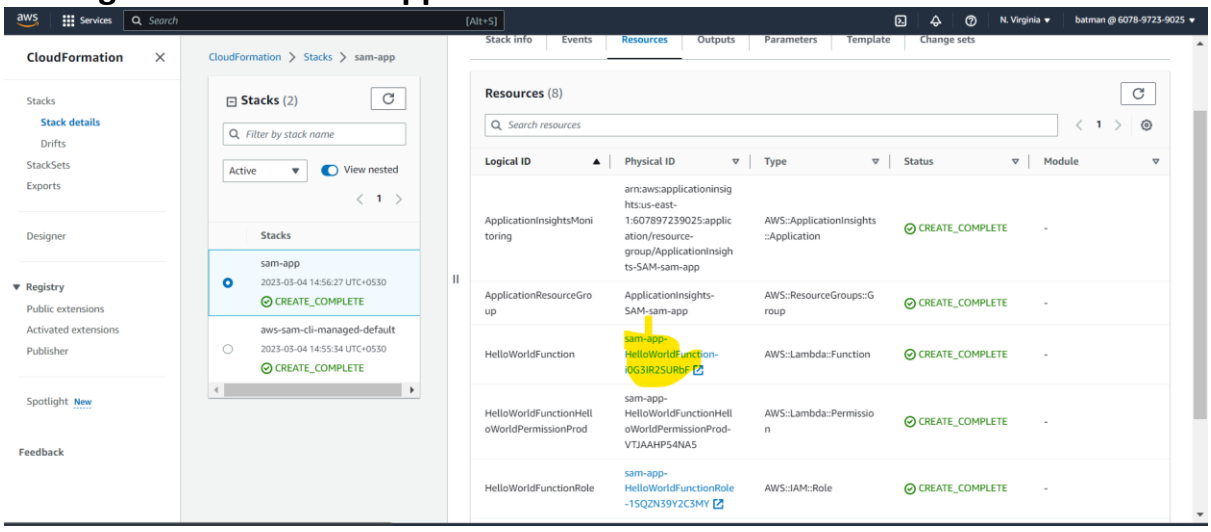
- **sam deploy –guided:**



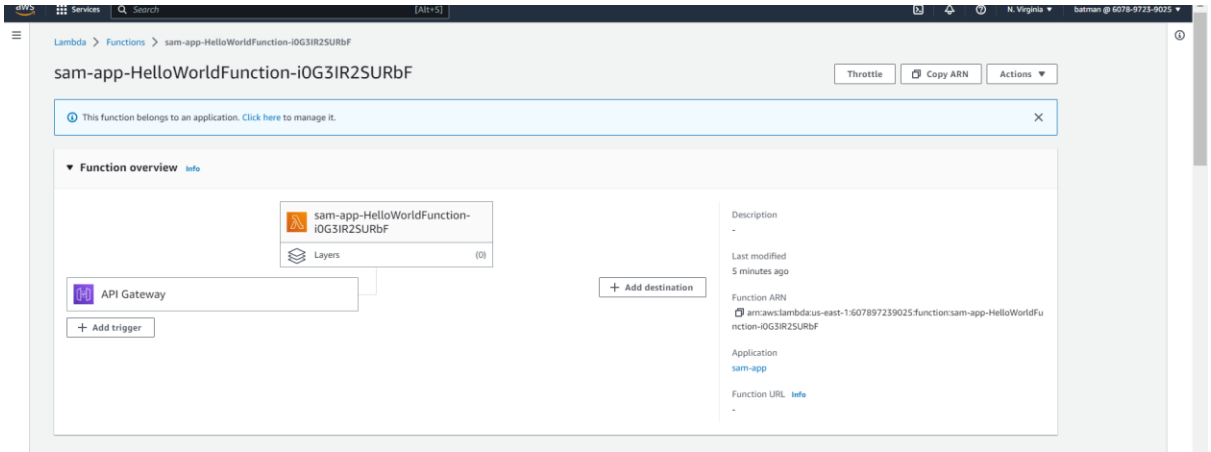
Resource creating using AWS SAM CLI:

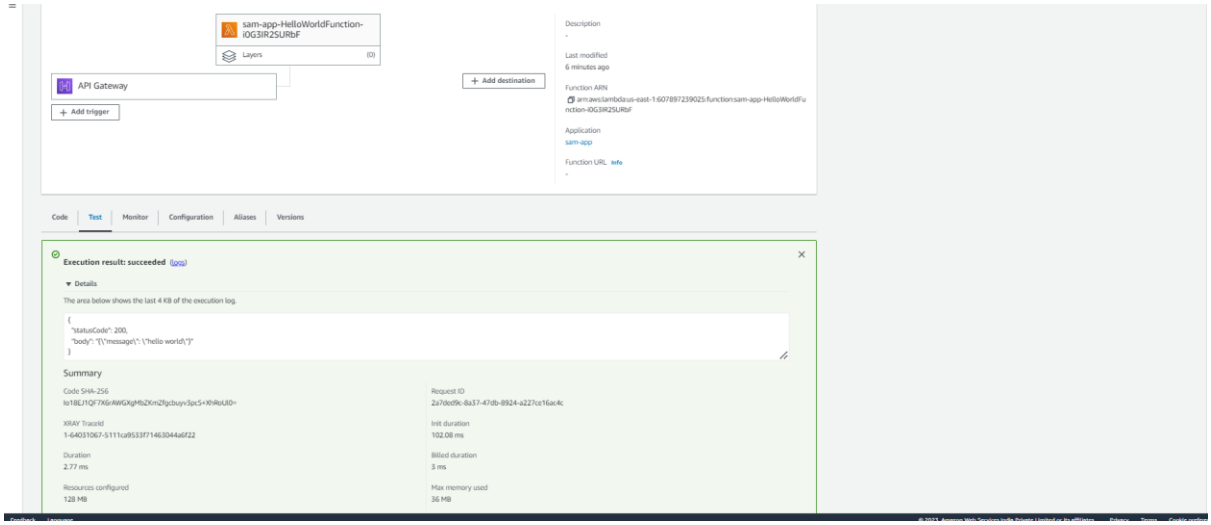


Testing the Hello World Application:



Lamda function:




sam-app-HelloWorldFunction-
iOG3IR2SURbF
Layers
(0)
API Gateway
Add trigger
Add destination
Description
-
Last modified
6 minutes ago
Function ARN
arn:aws:lambda:us-east-1:607897239025:function:sam-app-HelloWorldFunction-iOG3IR2SURbF
Application
sam-app
Function URL
Info
-
Code
Test
Monitor
Configuration
Aliases
Versions
Execution result: succeeded
Details
The area below shows the last 4 KB of the execution log.
{
"statusCode": 200,
"body": "{\"message\": \"hello world\"}"
}
Summary
Code SHA-256
Io1BLJ1QF7X6rAWGXgMbZKmZFgcbuyv3pcS+XHRoUI0=
Request ID
2a7dcd9c-8a37-47db-8924-a227ce16ac4c
XRAY TraceId
1-64031067-5111ca9533f71463044a6f22
Init duration
102.08 ms
Duration
2.77 ms
Billed duration
3 ms
Resources configured
128 MB
Max memory used
36 MB