# Lesson 08 Demo 03

# Creating a Serverless Web App

**Objective:** To create a serverless web application on the Amazon Web Services (AWS) platform

**Tools required:** AWS WorkSpaces

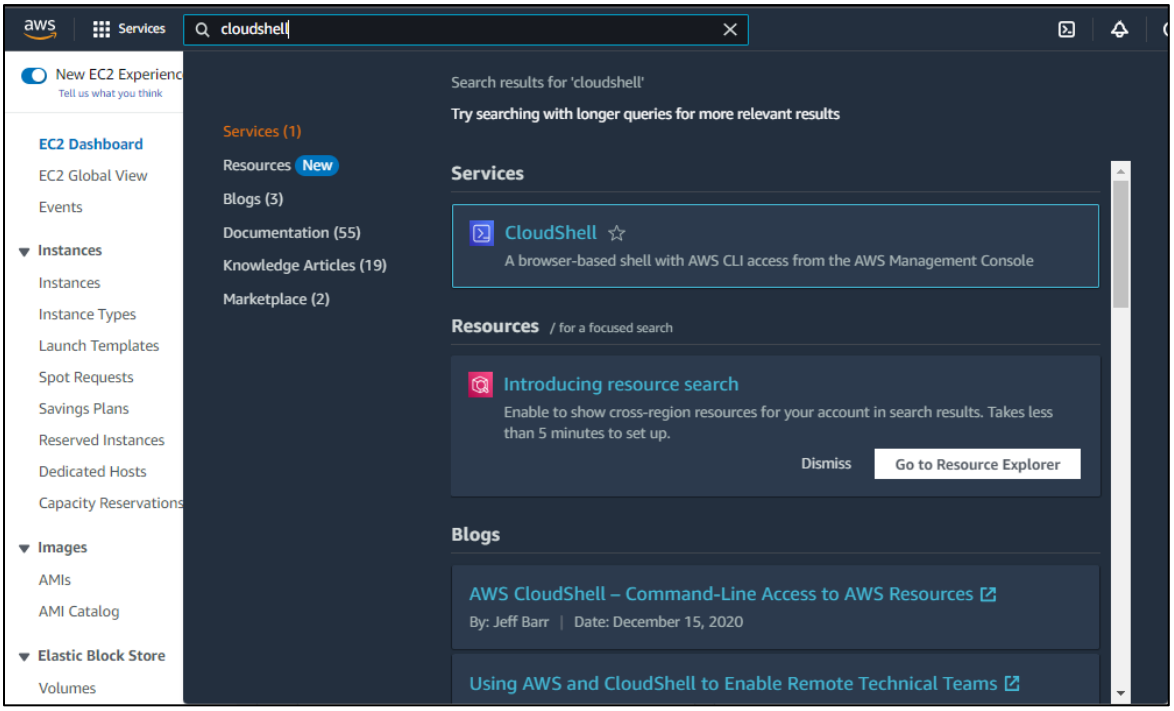
**Prerequisites:** None

Steps to be followed:

1. Develop a serverless web application

## Step 1: Develop a serverless web application

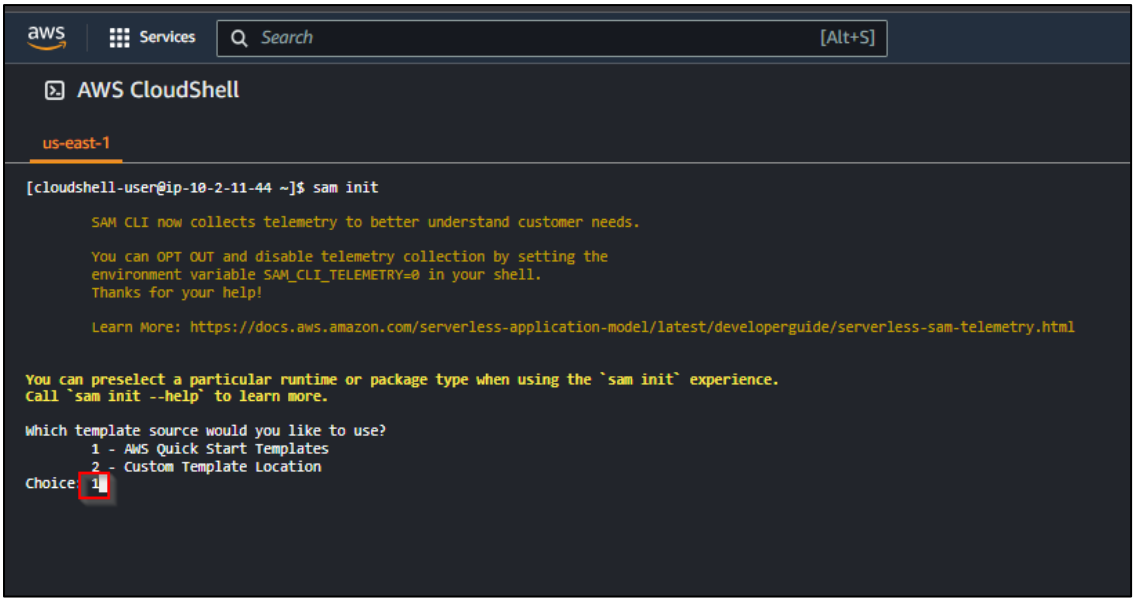
1.1 On the AWS portal home screen, search for and select **CloudShell**



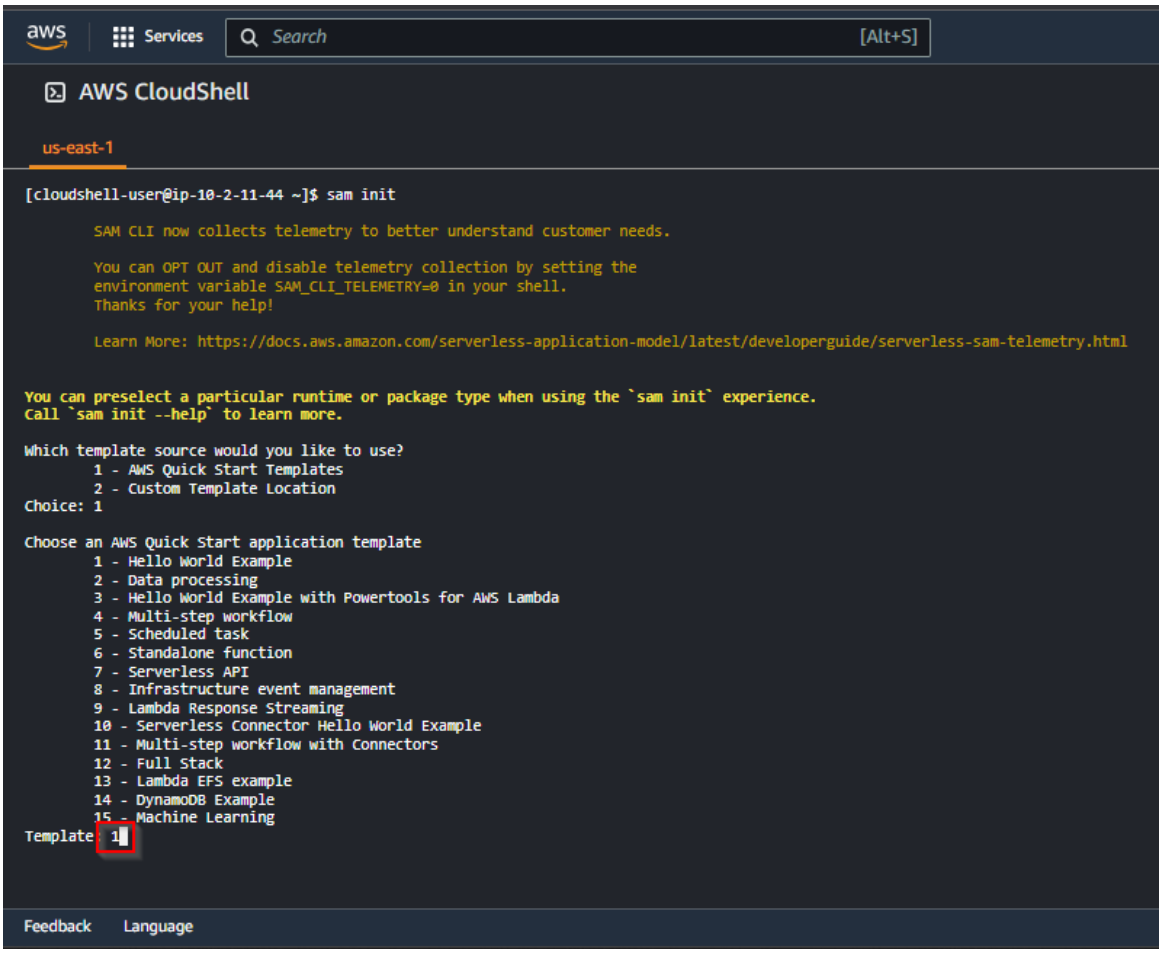
1.2 In the CloudShell, use the following command:

**sam init**

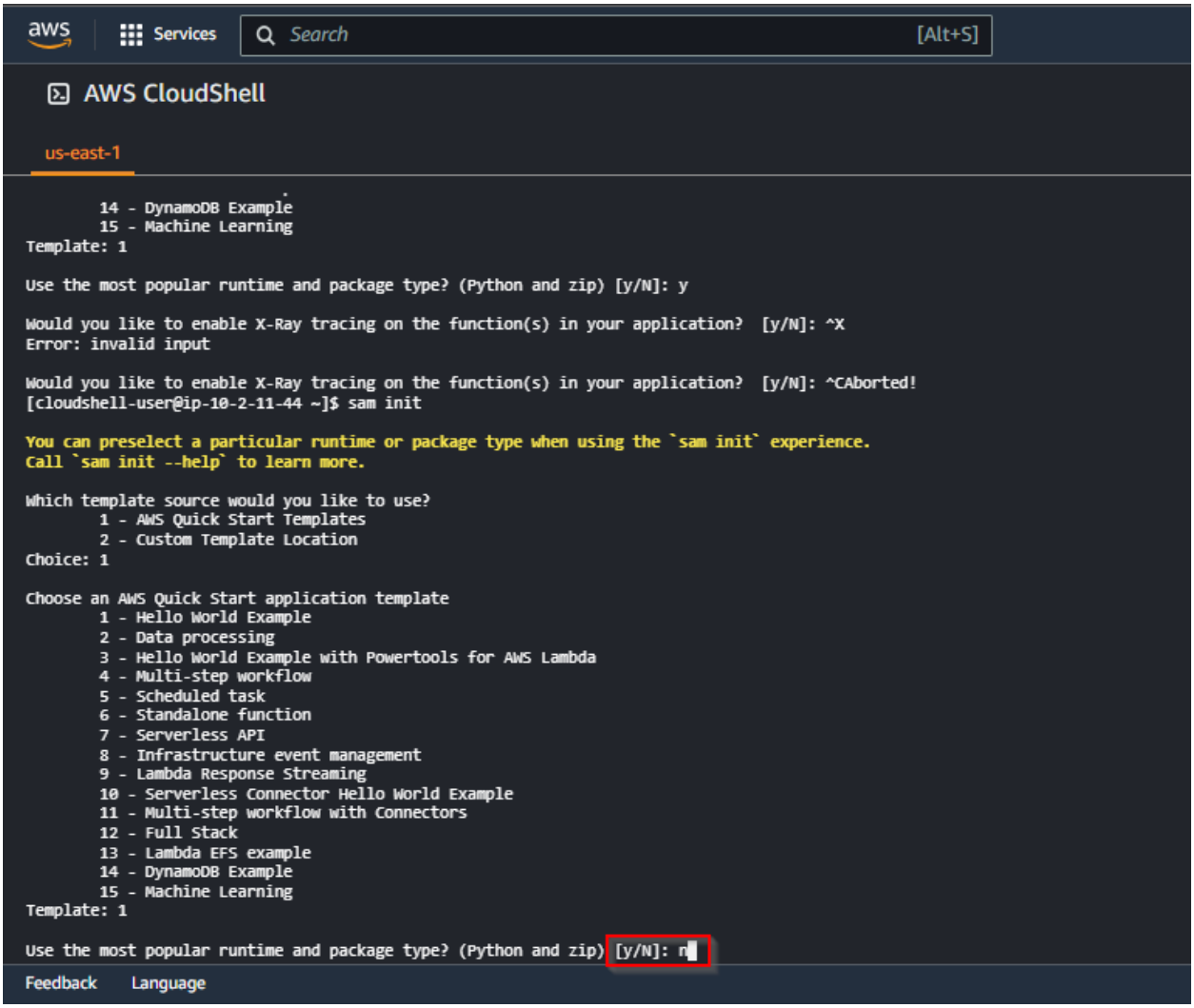

1.3 Choose option **1** for the **AWS Quick Start Templates**



1.4 Select option **1** for the **Hello World Example** template

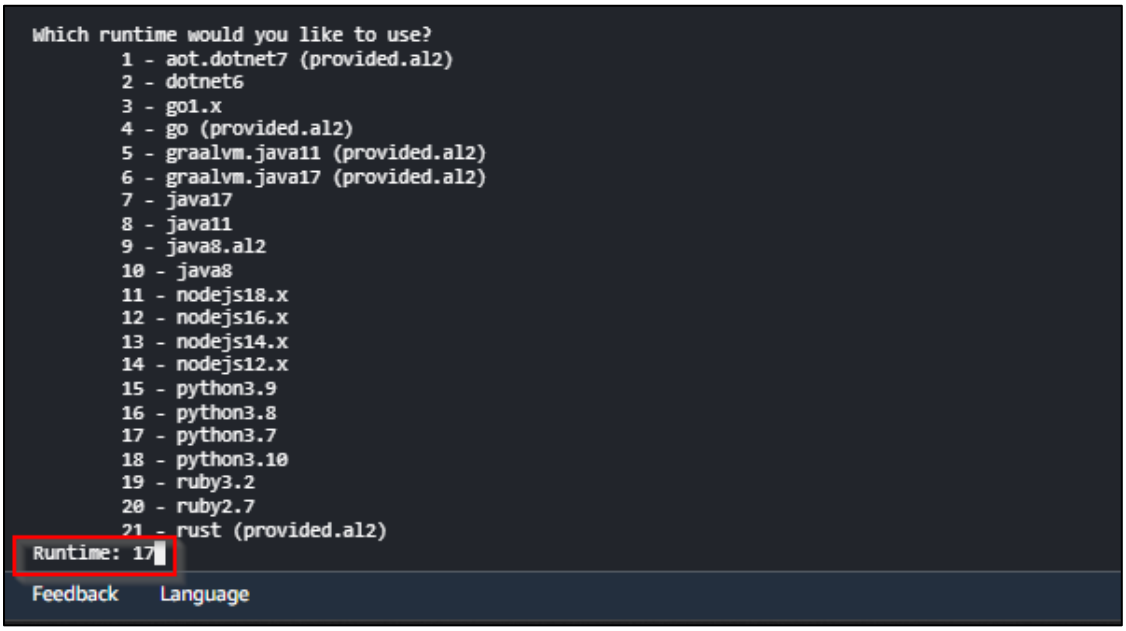


1.5 Enter **n** for Python and the zip package

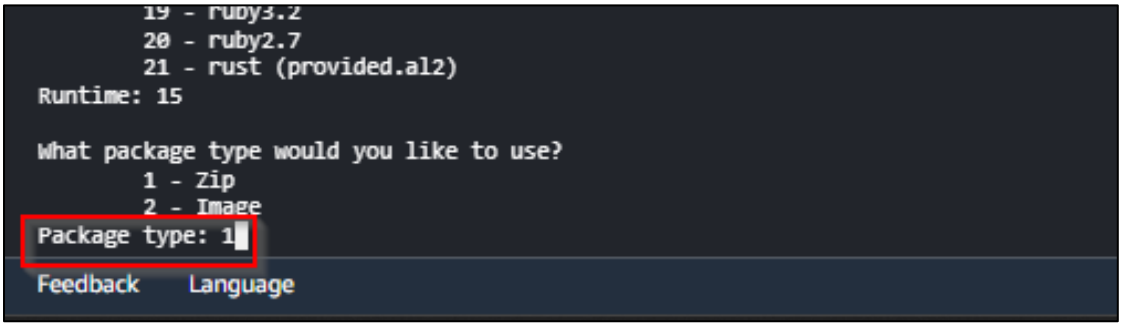



Opt for the non-zipped package and choose Python when prompted.

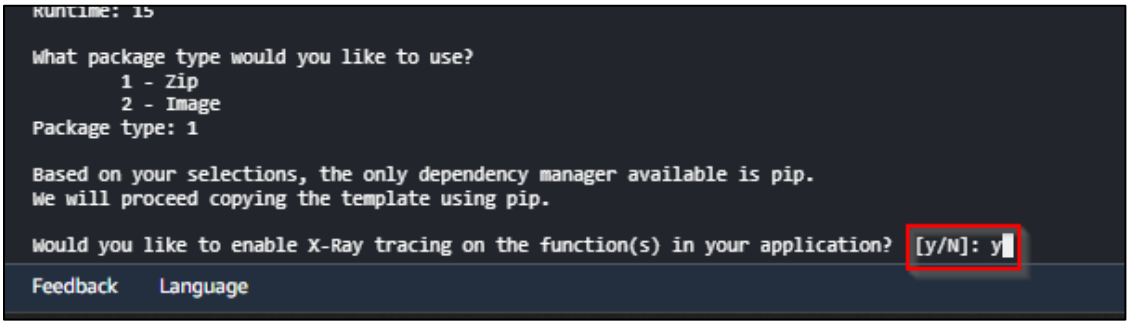
1.6 Set the runtime to **Python 3.7 (Choose 17)**



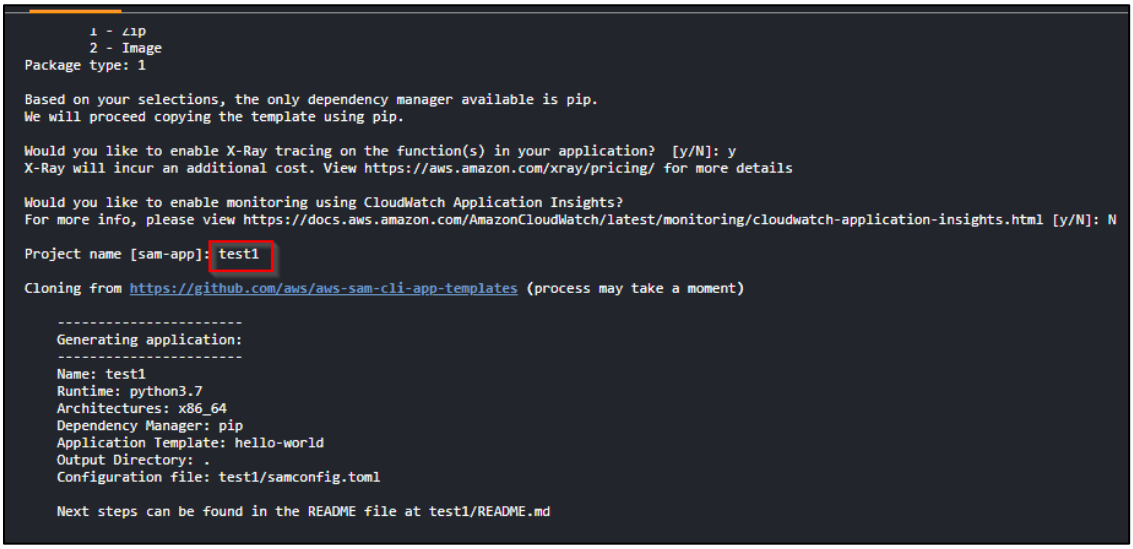

1.7 Choose package type **1**, which is **Zip**



1.8 Enable X-ray tracing by entering **y**



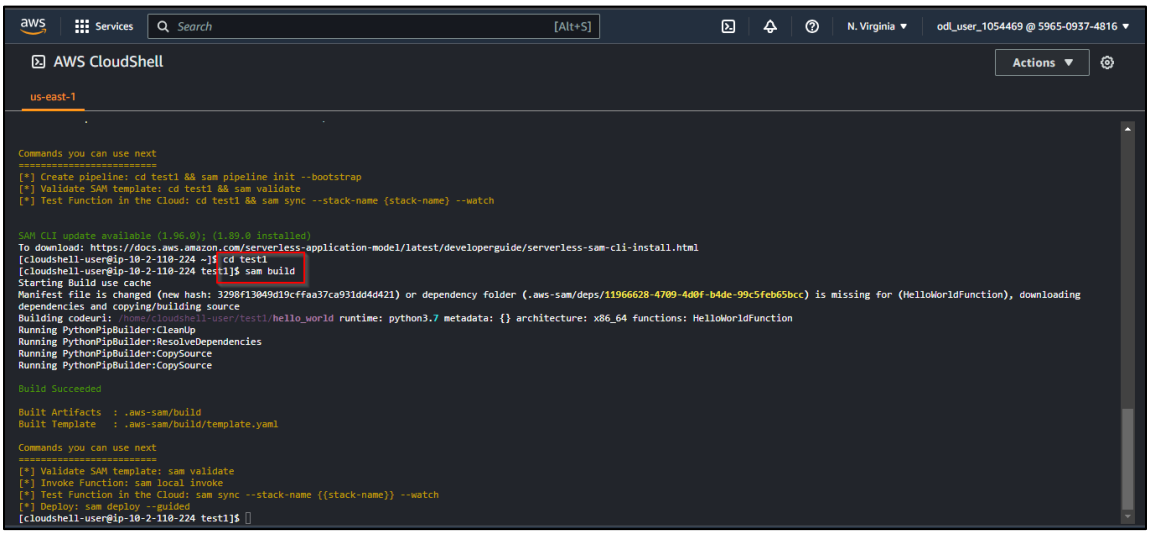

1.9 Enter **test1** as the **Project name** (the default is **sam-app**)



1.10 Run the below command:

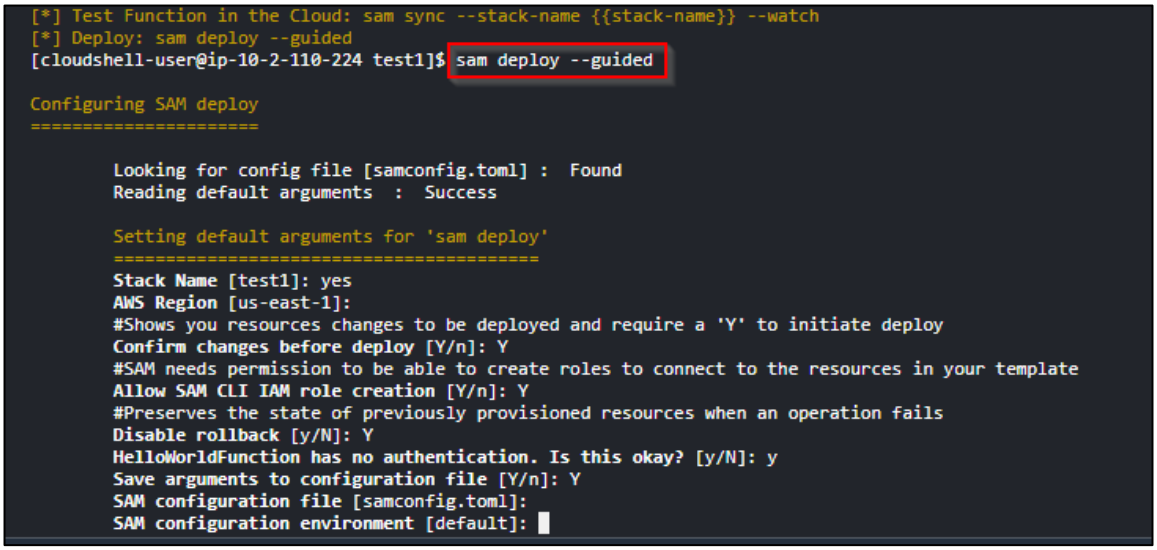
**cd test1**

**Sam build**

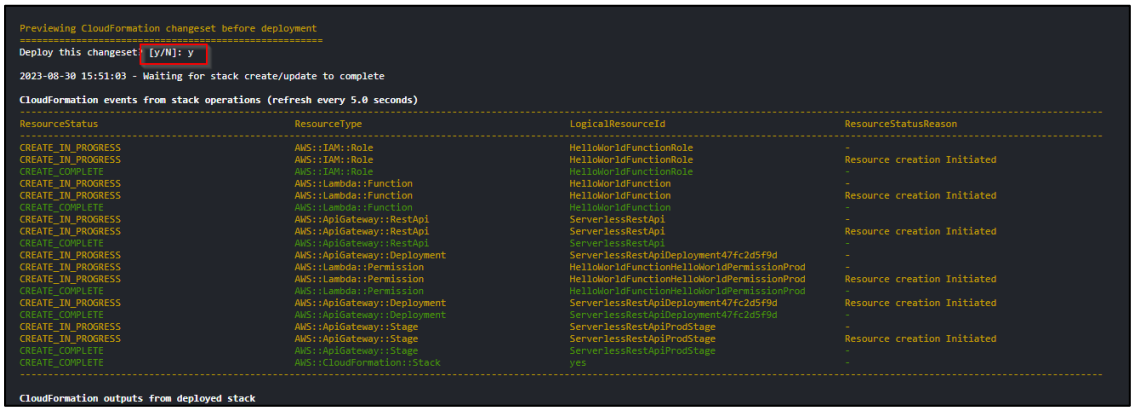



1.11 Execute the command below and provide the values as shown in the screenshot:

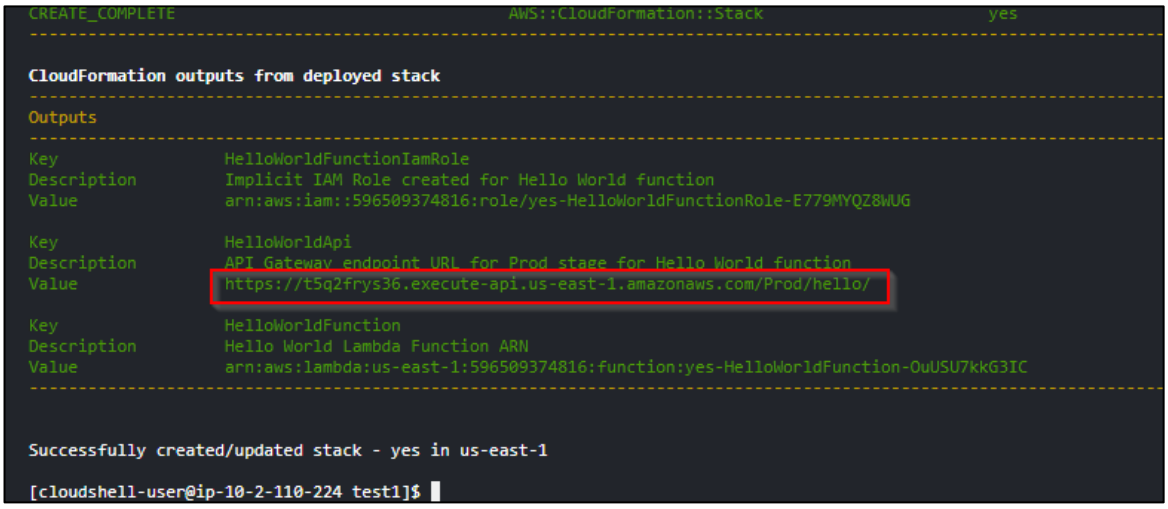
**sam deploy --guided**



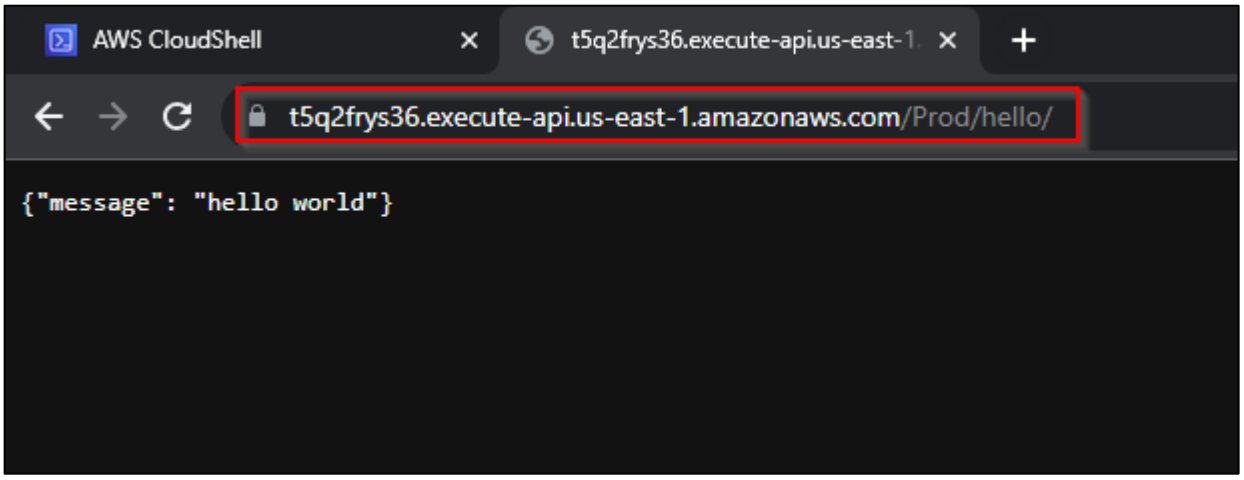
1.12 Confirm the deployment of the changeset by entering **y**




1.13 Copy the URL from the **Outputs** field, specifically the **Value** of **HelloWorldApi**



1.14 Open a new browser tab and paste the URL to access the output:
**https://t5q2frys36.execute-api.us-east-1.amazonaws.com/Prod/hello/**




By following these steps, you have successfully created a serverless web application on AWS.