EXPERIMENT-7: AWS Lambda

Steps:

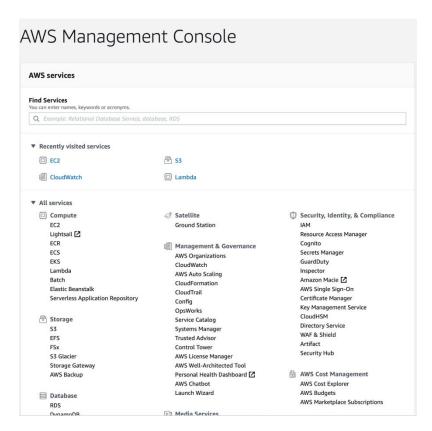
Let's start by creating a Lambda Function.

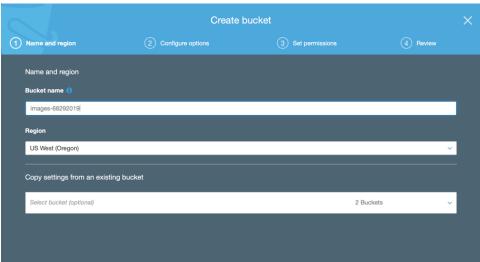
- After setting the AWS Account.
- Go and type **AWS Lambda** in your AWS Management console.
- Click on Create a Function.
- You'll see a setup page shows up where you have to fill up few aspects for your function as the name, runtime, role, you can choose from blueprints as well but here we're going to author it from scratch.
- Enter the name and all the credentials, now in case of the runtime, you can choose any based on your understanding of that language, we're choosing NodeJS 8.10, here you can choose from any option like python, java, .Net, Go (these are the languages it supports).
- Then create a role, you'll have to create a new role if you don't have one, either you create a new template for the role or leave the template blank.
- Like in our case, we've chosen an existing role that we have created
- As here we have already defined our role with the name of *service-role/shubh-intel*.
- The next step after this is **Writing Code** for your Lambda Function.
- We're choosing Lambda Console here, you can choose from different code editors like Cloud9 Editor or on your Local machine.
- You can check your function being created, as here we have created it with the name of example-lambda.
- When you created the function, you will be directed to a **Function Code** screen, where you will be defining your function, either you can choose the code from below or you can make your own template for it, it's quite easy.

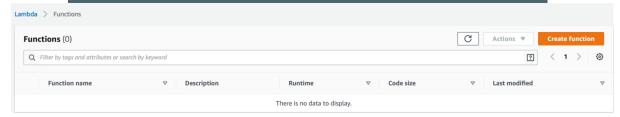
```
exports.handler = async (event) => {// TODO implement
return 'Hello from Lambda!' };
```

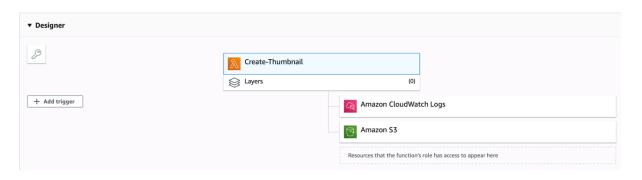
- If you want to define the key value then you can, like here we've defined key1 and key2 and key 1= 'Hello from Lambda!'
- Then create the event like we created it with the name of *mytestevent* click **Save and Test** in order to run your function.
- After running it, you will get an output where you check the details and you will get the output as below:

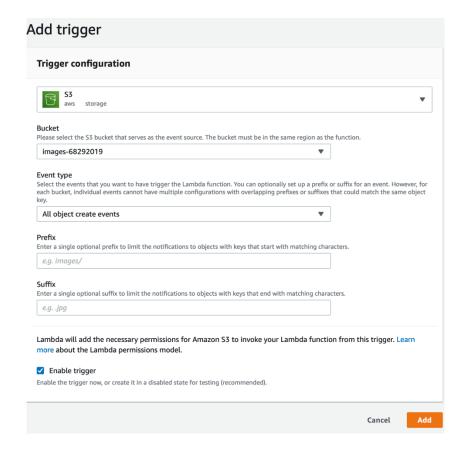
Screenshots:

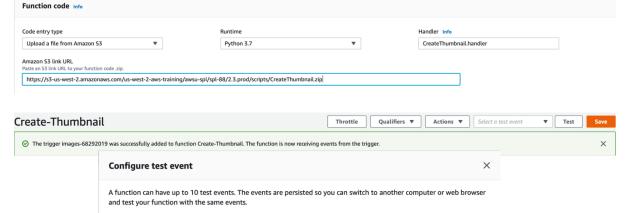












Create new test eventEdit saved test events

