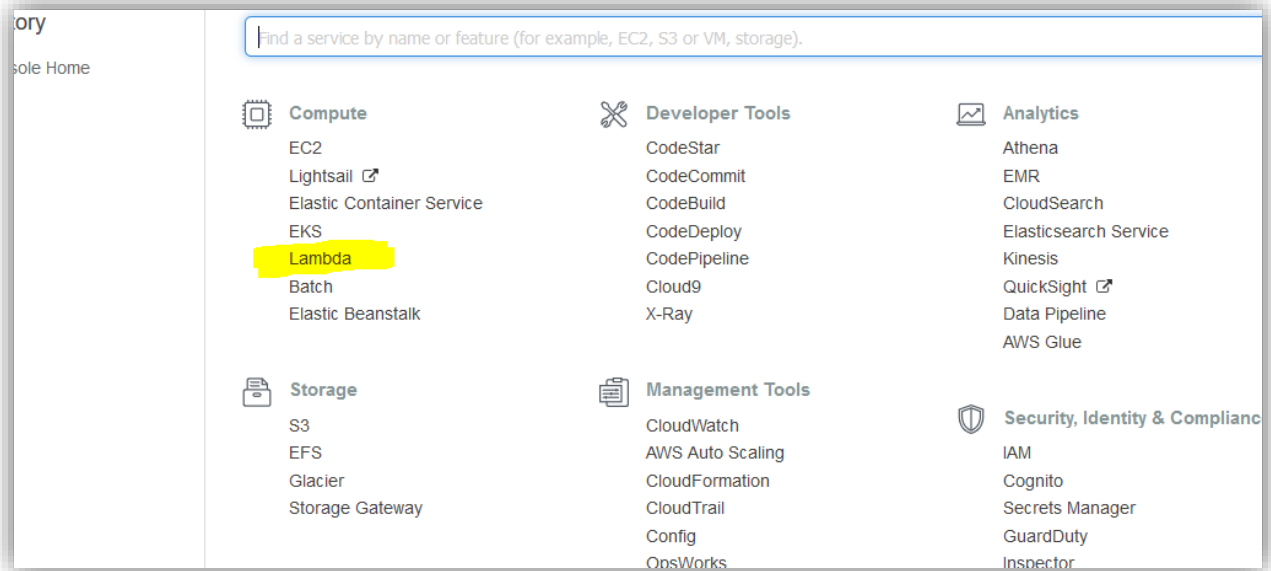


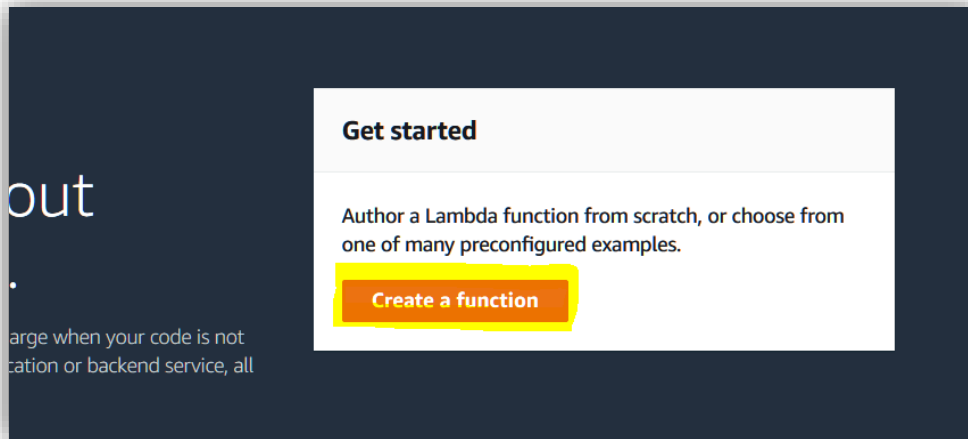
# Lab 1: Building your first Lambda function

Log into the AWS console at <https://students-scalable-af.signin.aws.amazon.com/console>

Select or search for “Lambda”:



Create a new function:



Name the function with your student#, use Nodejs 6.10, select an existing role "lambdaSizingFunctionRole":

Lambda > Functions > Create function

## Create function

**Author from scratch** ☒  
Start with a simple "hello world" example.

**Blueprints** ☐  
Choose a preconfigured template as a starting point for your Lambda function.

**Serverless Application Repository** ☐  
Find and deploy serverless apps published by developers, companies, and partners on AWS.

**Author from scratch** [Info](#)

**Name**

student0

**Runtime**

Node.js 6.10

**Role**  
Defines the permissions of your function. Note that new roles may not be available for a few minutes after creation. [Learn more](#) about Lambda execution roles.

Choose an existing role

**Existing role**  
You may use an existing role with this function. Note that the role must be assumable by Lambda and must have Cloudwatch Logs permissions.

service-role/lambdaSizingFunctionRole

[Cancel](#) [Create function](#)

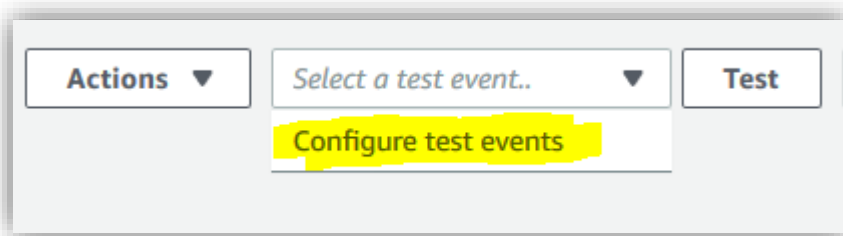
Once the function is created you should see a message letting you know it has been created. It may take a moment, once created feel free to dismiss the confirmation message.

student0

Throttle Qualifiers Actions Select a test event.. Test Save

✔ Congratulations! Your Lambda function "student0" has been successfully created. You can now change its code and configuration. Click on the "Test" button to input a test event when you are ready to test your function. ✕

We can now create test data that will be directly injected in to our function in order to test that it is configured and has proper permissions to run. At the top, select the test event drop down and configure a test event:



The image shows a horizontal UI control bar with a light gray background. On the left is a button labeled "Actions" with a downward-pointing triangle icon. In the center is a dropdown menu with the text "Select a test event.." and a downward-pointing triangle icon. The dropdown menu is open, showing a single option "Configure test events" which is highlighted with a yellow background. On the right is a button labeled "Test".

Name the event student#HelloWorld and save it:

Configure test event

Create new test event

Edit saved test events

Event template

Hello World

Event name

student0HelloWorld

1 {

2 "key3": "value3",

3 "key2": "value2",

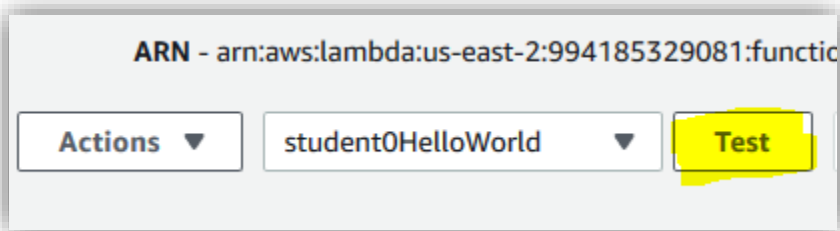
4 "key1": "value1"

5 }

Cancel

Create

You should now be able to test the event:



If everything went correctly you will see the following hello world information from your first Lambda function:

