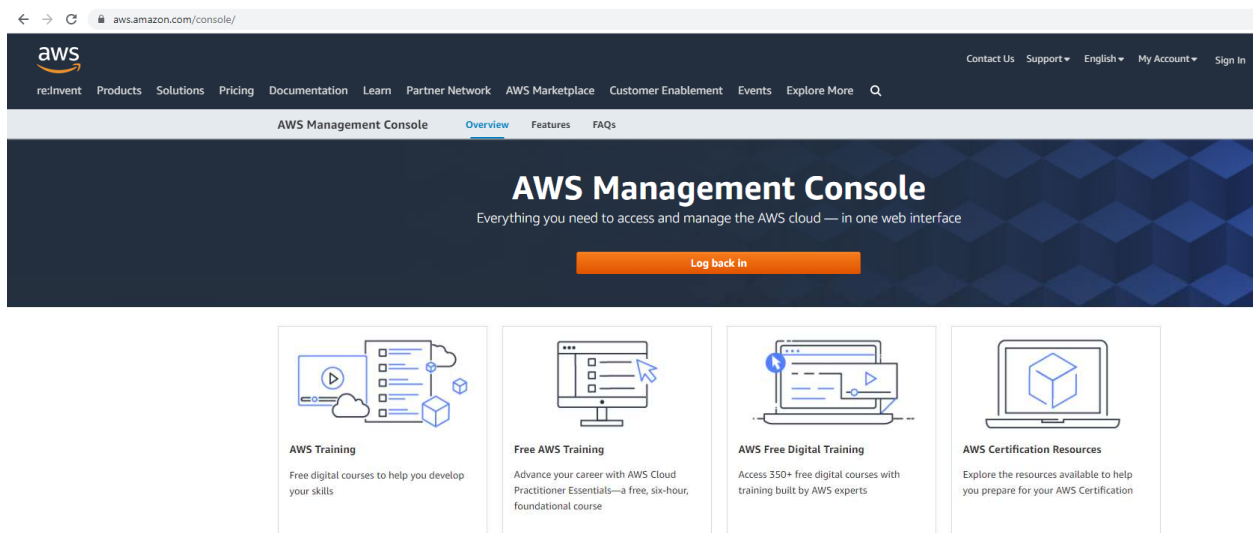


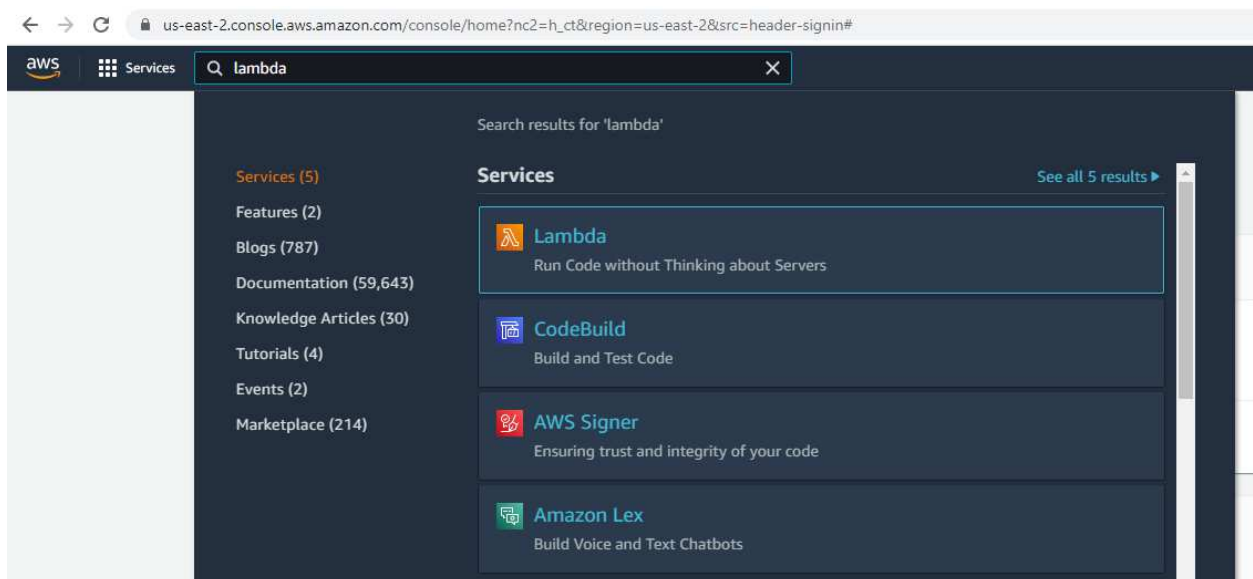
# How to deploy an AWS Lambda Function to AWS Management Console

This is a step-by-step user guide on how to deploy the source code jar package to AWS Console for a Lambda cloud function

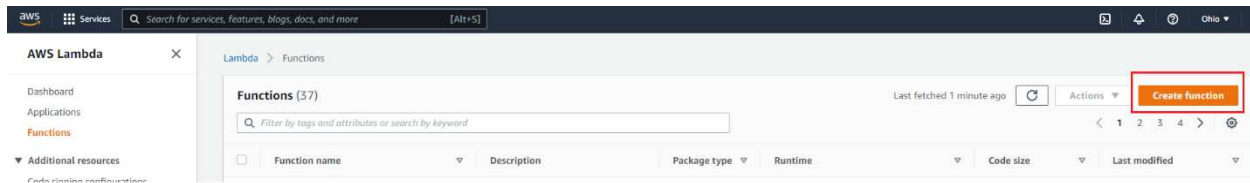
1. Build the cloud function application with the maven command: *mvn clean package*
2. After build completed, a “aws-factorial-1.0.0-SNAPSHOT.jar” will be created
3. Navigate to AWS Management Console at: <https://aws.amazon.com/console/>



4. Login to AWS Management Console using your credentials
5. After logged in, enter “lambda” in the service search box as below. Select “Lambda”.



6. If this is the first deployment, user needs to create a function first. To do this, click on the “Create Function” button on the screen as follow



7. Enter the function configurations which include: function name, runtime, architecture and then select “Create function”

Create function [Info](#)

Choose one of the following options to create your function.

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

Start with a simple Hello World example.

**Use a blueprint**

Build a Lambda application from sample code and configuration presets for common use cases.

**Container image**

Select a container image to deploy for your function.

**Browse serverless app repository**

Deploy a sample Lambda application from the AWS Serverless Application Repository.

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**Basic information**

**Function name** (1)

Enter a name that describes the purpose of your function.

Factorial

Use only letters, numbers, hyphens, or underscores with no spaces.

**Runtime** [Info](#) (2)

Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

Java 8 on Amazon Linux 1

**Architecture** [Info](#) (3)

Choose the instruction set architecture you want for your function code.

☒ x86\_64

☐ arm64

**Permissions** [Info](#)

By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

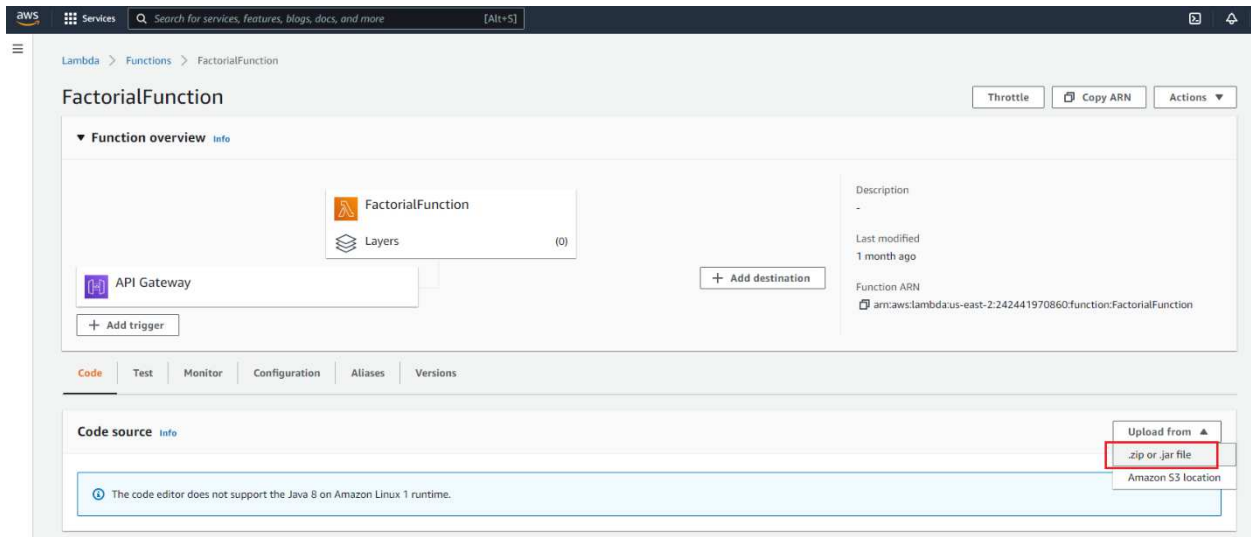
► Change default execution role

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► **Advanced settings** (4)

Cancel **Create function**

8. After this step, the function will be created, and user can proceed to upload/deploy the source code as follow.



Navigate to the location of the function jar file and select the file for upload. The source will be deployed accordingly.

Note: if user has created the function, in the next deployment, user can search for the function in the AWS Lambda Console and perform the upload, there is no need to create the function again (i.e., omit Step #6 and #7).