

## Exercise: Uploading a Lambda Function

In this exercise, you will upload a code package to Lambda.

### Prerequisites

If you have not already done so, complete the previous exercises to create a code package (zip file).

### Instructions

1. Create a new Lambda Function from scratch with a Python 3.8 runtime
2. Name the function **hello**
3. Upload the code package to the Lambda
4. Add permissions by creating an IAM role
5. From the IAM Console, create a new role with **Lambda** as a trusted service
6. Set the permissions for the Lambda to be **AWSLambdaVPCAccessExecutionRole**
7. Set the handler to **main.handler**
8. Configure the "Lambda Function" with the **default VPC** with all subnets
9. Set the security group to be **default**
10. Set an environment variable, **REDIS\_HOST**, with the **ElastiCache endpoint** (without the port) as the value