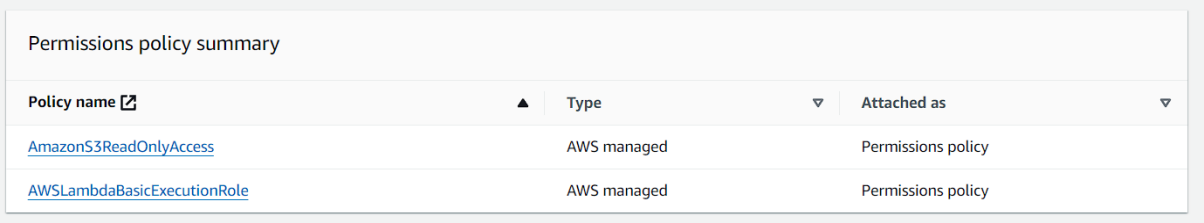
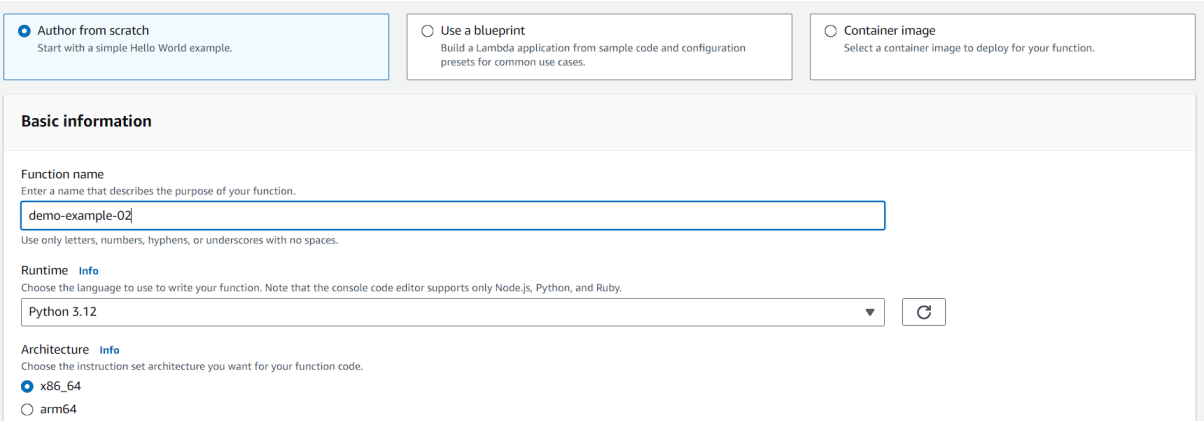
😊 AWS Lambda calling S3

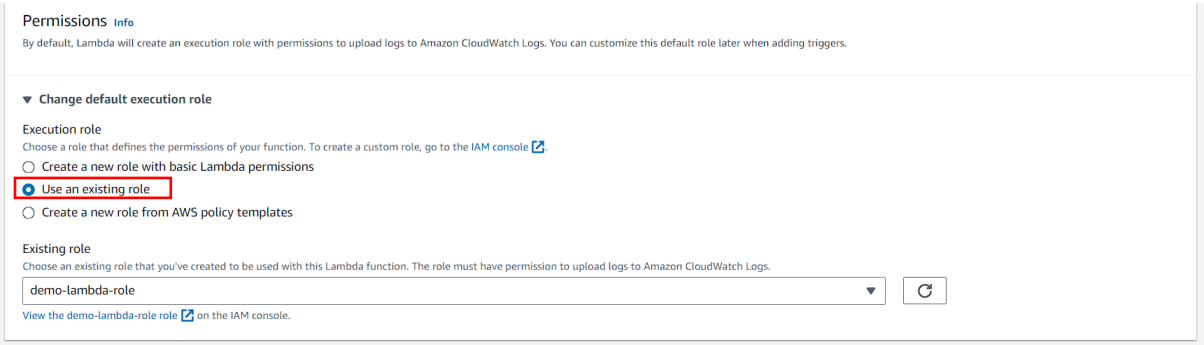
1. In this lab you are going to use AWS Lambda to call S3 buckets.
2. First you need to create an IAM role for Lambda. Add the below permissions in your role for this lab.



3. Now you need to create a function in Lambda with Python as your runtime environment.



4. Now in the permission section, click on use an existing role and choose your role. After that click on create function.

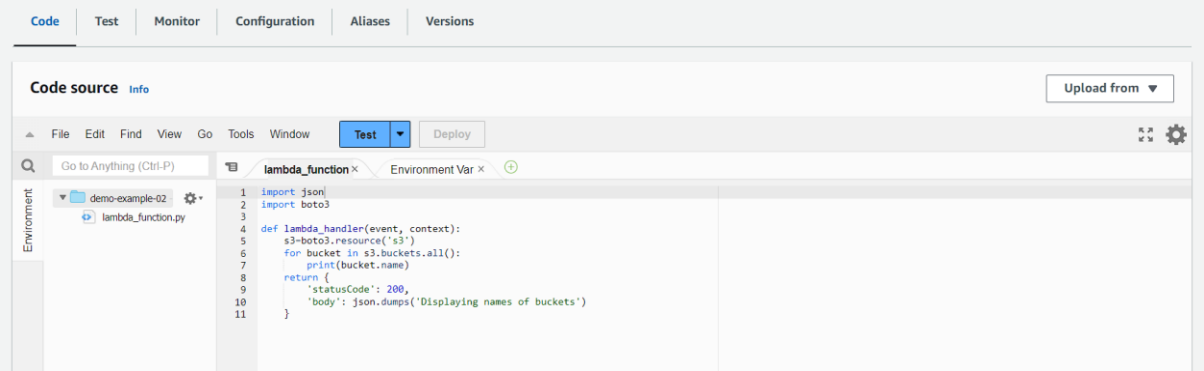


5. Once your function is created then scroll down a little and you need to make some changes in your code.
6. After click on Deploy. This will deploy your code and you will be able to test your code.

```
import json
import boto3

def lambda_handler(event, context):
```

```
s3=boto3.resource('s3')
for bucket in s3.buckets.all():
   print(bucket.name)
return {
   'statusCode': 200,
   'body': json.dumps('Displaying names of buckets')
}
```



7. Now you need to click on Test and create and test event.
8. Once you test event is create then click on test. You will see an output which says Displaying names of bucket.
9. You will the name of your buckets.