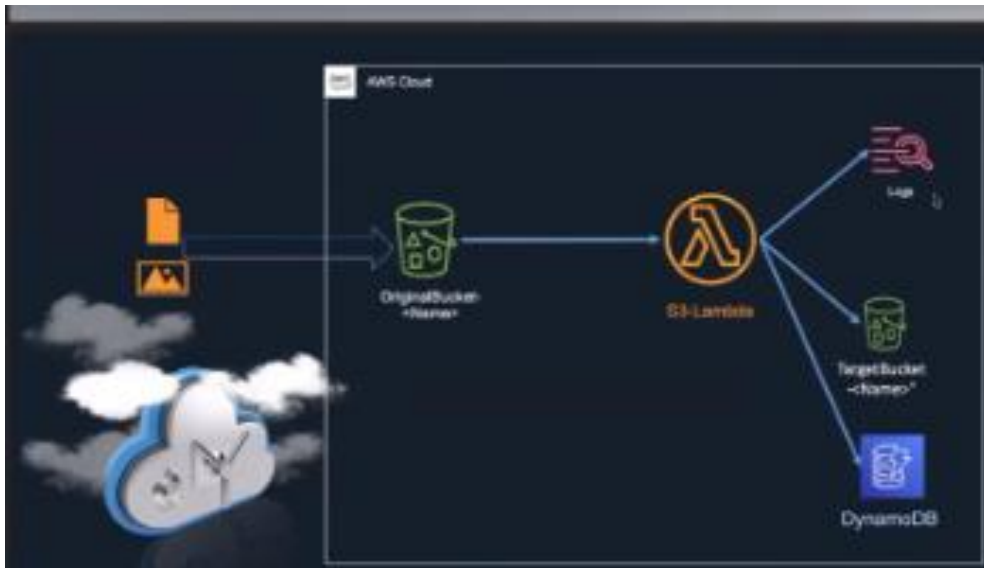


Lab 5



1)create s3 and dynamodb table

Buckets (1) [Info](#) [Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Buckets are containers for data stored in S3. [Learn more](#)

Name	AWS Region	Access	Creation date
<input type="radio"/> targetbucket-alsafa	US East (N. Virginia) us-east-1	Bucket and objects not public	January 3, 2023, 12:32:56 (UTC+02:00)

Tables (1) [Info](#) [Refresh](#) [Actions](#) [Delete](#) [Create table](#)

Name	Status	Partition key	Sort key	Indexes	Read capacity mode	Write capacity
<input type="checkbox"/> dynamodb-alsafa	Active	ID (S)	-	0	Provisioned with auto scaling (5)	Provisioned w

2)create lambda and give policy

<input type="checkbox"/>	+ AmazonS3FullAccess	AWS managed
<input type="checkbox"/>	+ AmazonDynamoDBFullAccess	AWS managed
<input type="checkbox"/>	+ CloudWatchLogsFullAccess	AWS managed

s3_to_dynamodb



[Layers](#) (0)

[+ Add trigger](#)


[+ Add destination](#)

```
1 import boto3
2 import json
3 s3 = boto3.resource('s3')
4 s3_client = boto3.client('s3')
5 dynamodb = boto3.resource('dynamodb')
6 table = dynamodb.Table('dynamodb-alsafa')
7 print(table.name)
8 def lambda_handler(event, context):
9     bucket = s3.Bucket('targetbucket-alsafa')
10    print(bucket)
11    for obj in bucket.objects.filter(Prefix='', Delimiter=''):
12        print(obj.key)
13        response = table.put_item(
14            Item={
15                'ID': obj.key,
16            }
17        )
18    return response
19
```

3) upload object on s3 and check dynamdb



<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	 img_1.jfif	jfif	January 3, 2023, 15:00:32 (UTC+02:00)	2.1 KB	Standard
<input type="checkbox"/>	 test.json	json	January 4, 2023, 10:50:26 (UTC+02:00)	69.0 B	Standard

Items returned (2)



Actions ▼

Create item

< 1 >  

<input type="checkbox"/>	ID
<input type="checkbox"/>	img_1.jfif
<input type="checkbox"/>	test.json