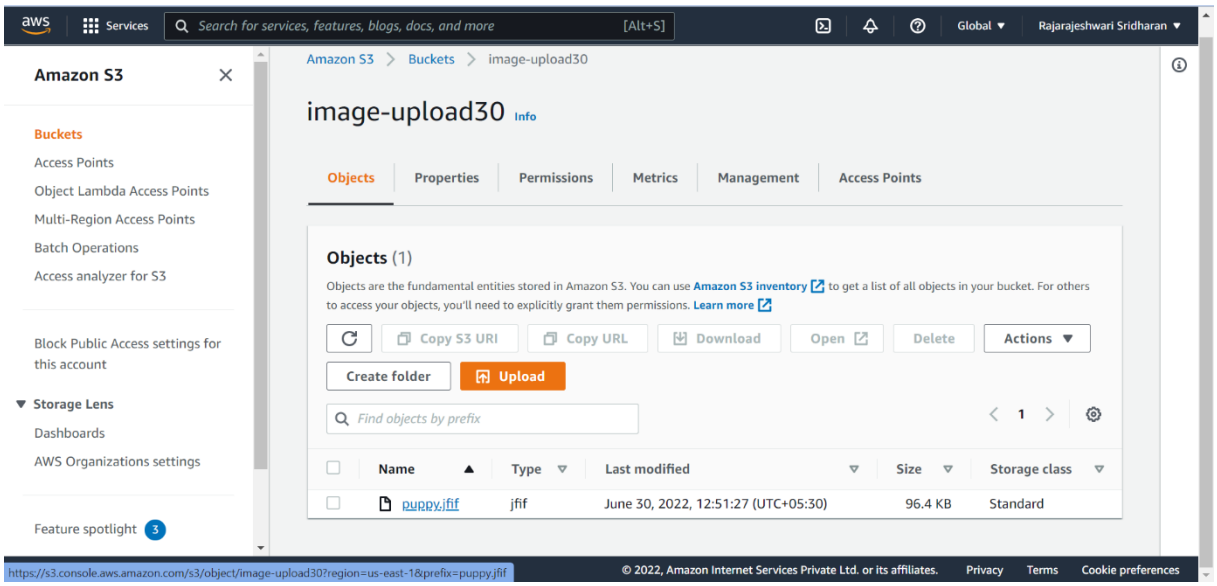
AWS - TOPICS LEARNED

- Global Infrastructure
- Identity and Access Management
- Compute Services - EC2, Container, Serverless
- Amazon VPC
- EC2 Instance, Elastic Block and S3 Storage
- DynamoDB
- CloudWatch

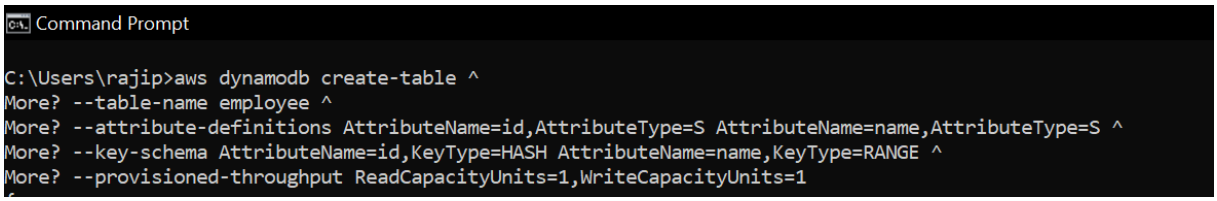
S3 – UPLOADING AND RETRIEVING IMAGE

```
Select Command Prompt

C:\Users\rajip\OneDrive\Desktop\AWS>aws --version
aws-cli/2.7.12 Python/3.9.11 Windows/10 exe/AMD64 prompt/off

C:\Users\rajip\OneDrive\Desktop\AWS>aws s3 ls

C:\Users\rajip\OneDrive\Desktop\AWS>aws s3 mb s3://image-upload30 --region us-east-1
make_bucket: image-upload30

C:\Users\rajip\OneDrive\Desktop\AWS>aws s3 cp puppy.jfif s3://image-upload30
upload: .\puppy.jfif to s3://image-upload30/puppy.jfif

C:\Users\rajip\OneDrive\Desktop\AWS>aws s3 ls s3://image-upload30
2022-06-30 12:51:27      98726 puppy.jfif

C:\Users\rajip\OneDrive\Desktop\AWS>cd ..

C:\Users\rajip\OneDrive\Desktop>aws s3 cp s3://image-upload30/puppy.jfif .
download: s3://image-upload30/puppy.jfif to .\puppy.jfif
```

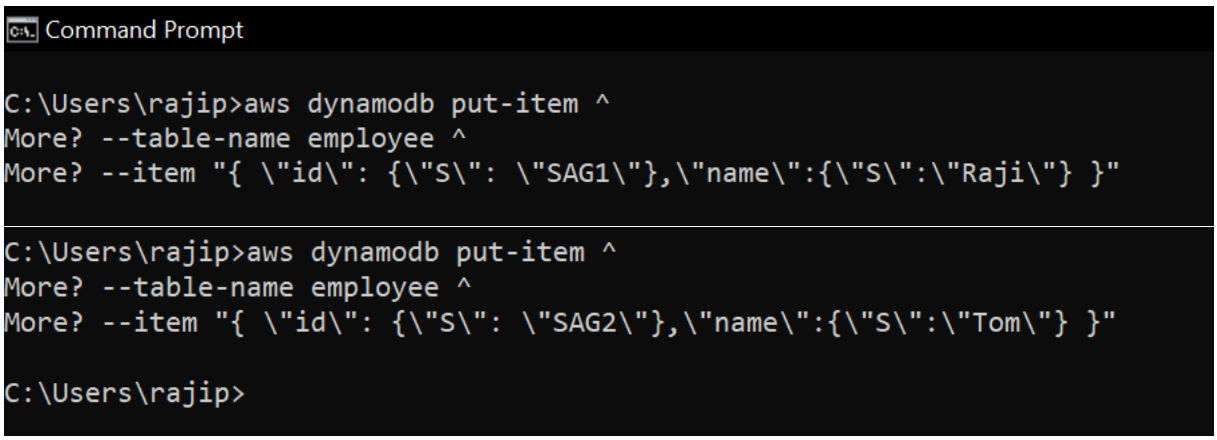


DYNAMODB – CRUD OPERATIONS

Table Creation



Creation



Updation

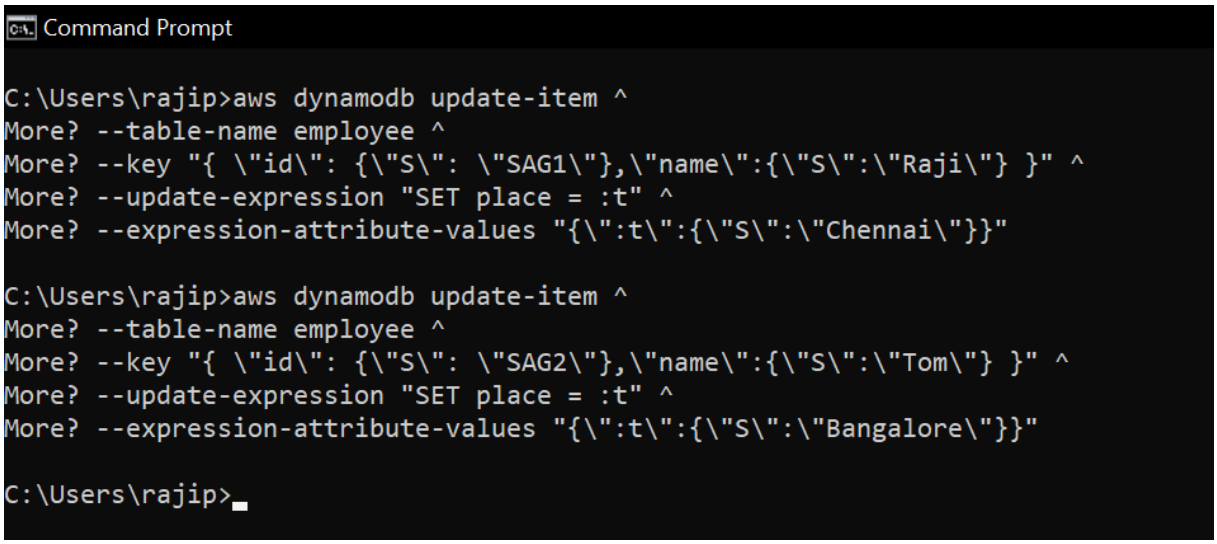
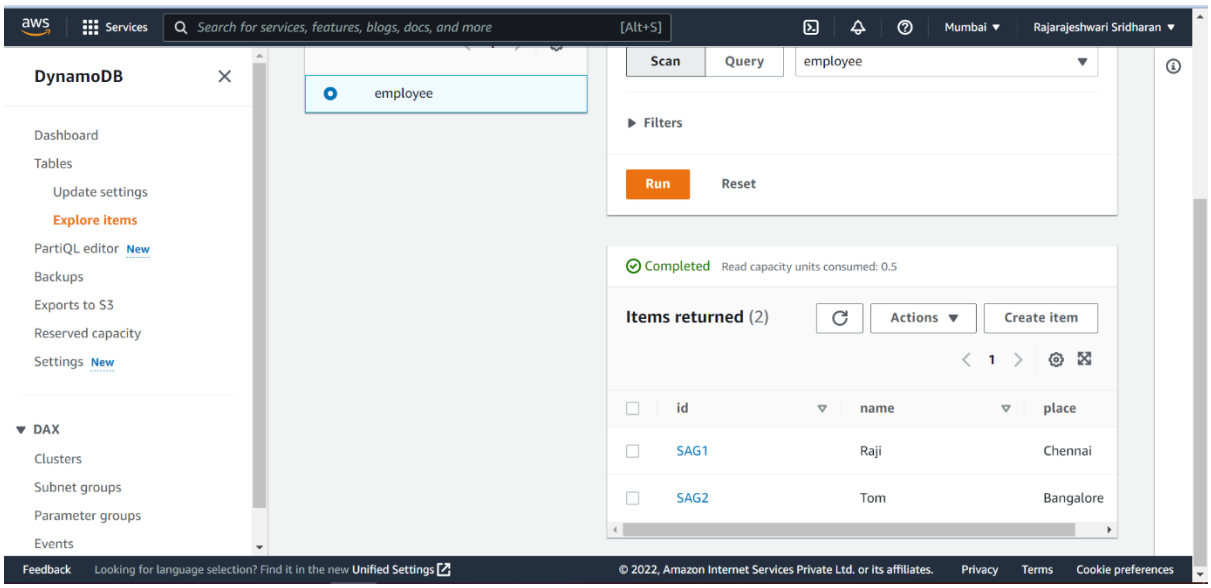


Table View

```
C:\Users\rajip>aws dynamodb scan --table-name employee
{
    "Items": [
        {
            "id": {
                "S": "SAG1"
            },
            "name": {
                "S": "Raji"
            },
            "place": {
                "S": "Chennai"
            }
        },
        {
            "id": {
                "S": "SAG2"
            },
            "name": {
                "S": "Tom"
            },
            "place": {
                "S": "Bangalore"
            }
        }
    ],
    "Count": 2,
    "ScannedCount": 2,
    "ConsumedCapacity": null
}


C:\Users\rajip>
```



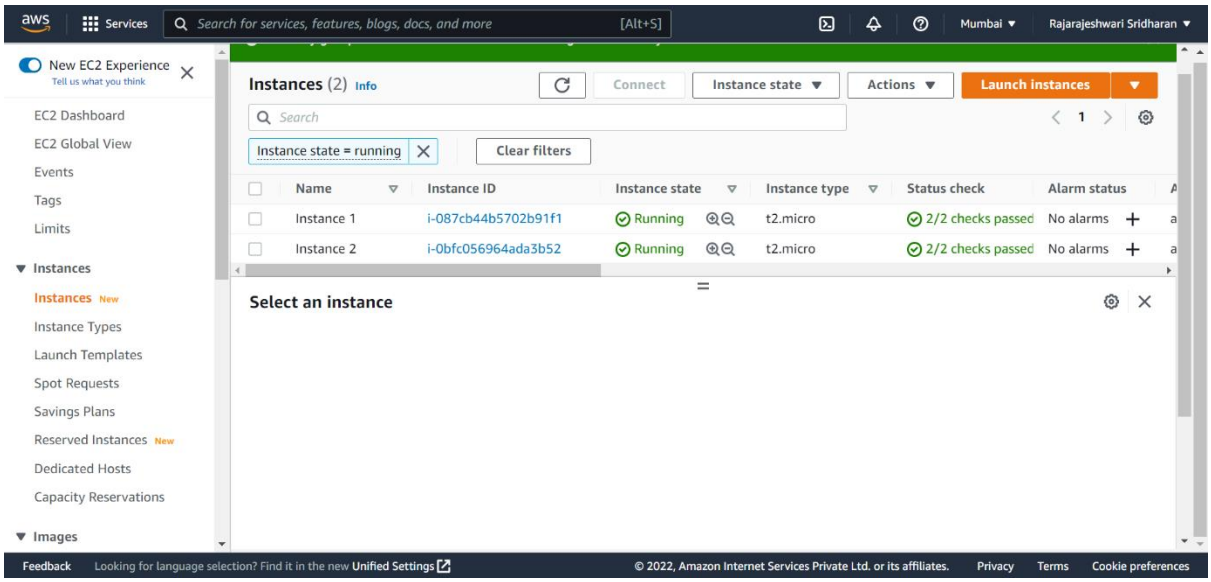
Read

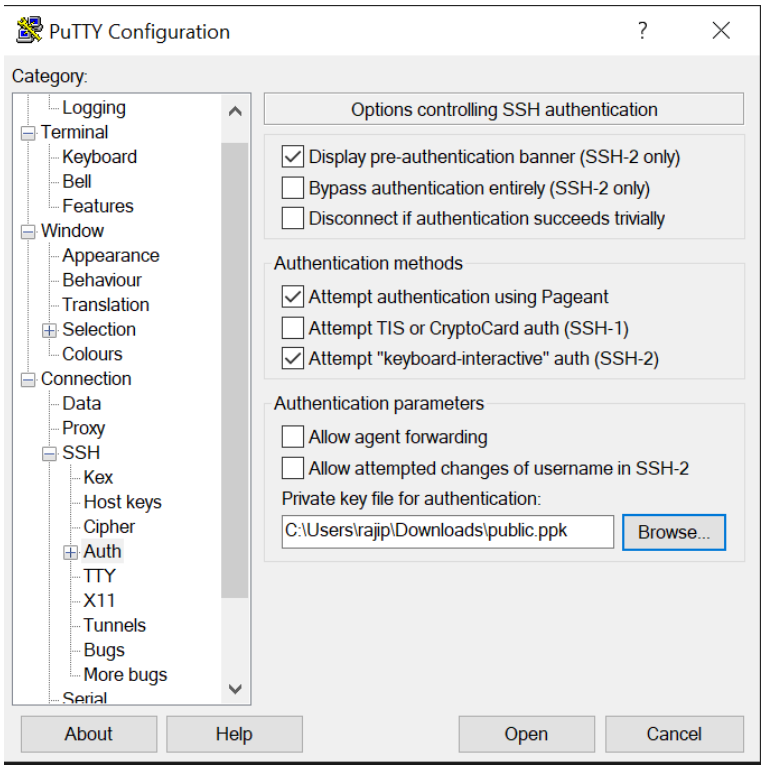
```
C:\Users\rajip>aws dynamodb get-item ^
More? --table-name employee ^
More? --key "{ \"id\": {\"S\": \"SAG2\"},\"name\":{\"S\":\"Tom\"} }" ^
More? --consistent-read
{
    "Item": {
        "id": {
            "S": "SAG2"
        },
        "name": {
            "S": "Tom"
        },
        "place": {
            "S": "Bangalore"
        }
    }
}


C:\Users\rajip>
```

Deletion

```
Command Prompt

C:\Users\rajip>aws dynamodb delete-item ^
More? --table-name employee ^
More? --key "{ \"id\": {\"S\": \"SAG2\"},\"name\":{\"S\":\"Tom\"} }"

C:\Users\rajip>aws dynamodb scan --table-name employee
{
    "Items": [
        {
            "id": {
                "S": "SAG1"
            },
            "name": {
                "S": "Raji"
            },
            "place": {
                "S": "Chennai"
            }
        }
    ],
    "Count": 1,
    "ScannedCount": 1,
    "ConsumedCapacity": null
}


C:\Users\rajip>
```

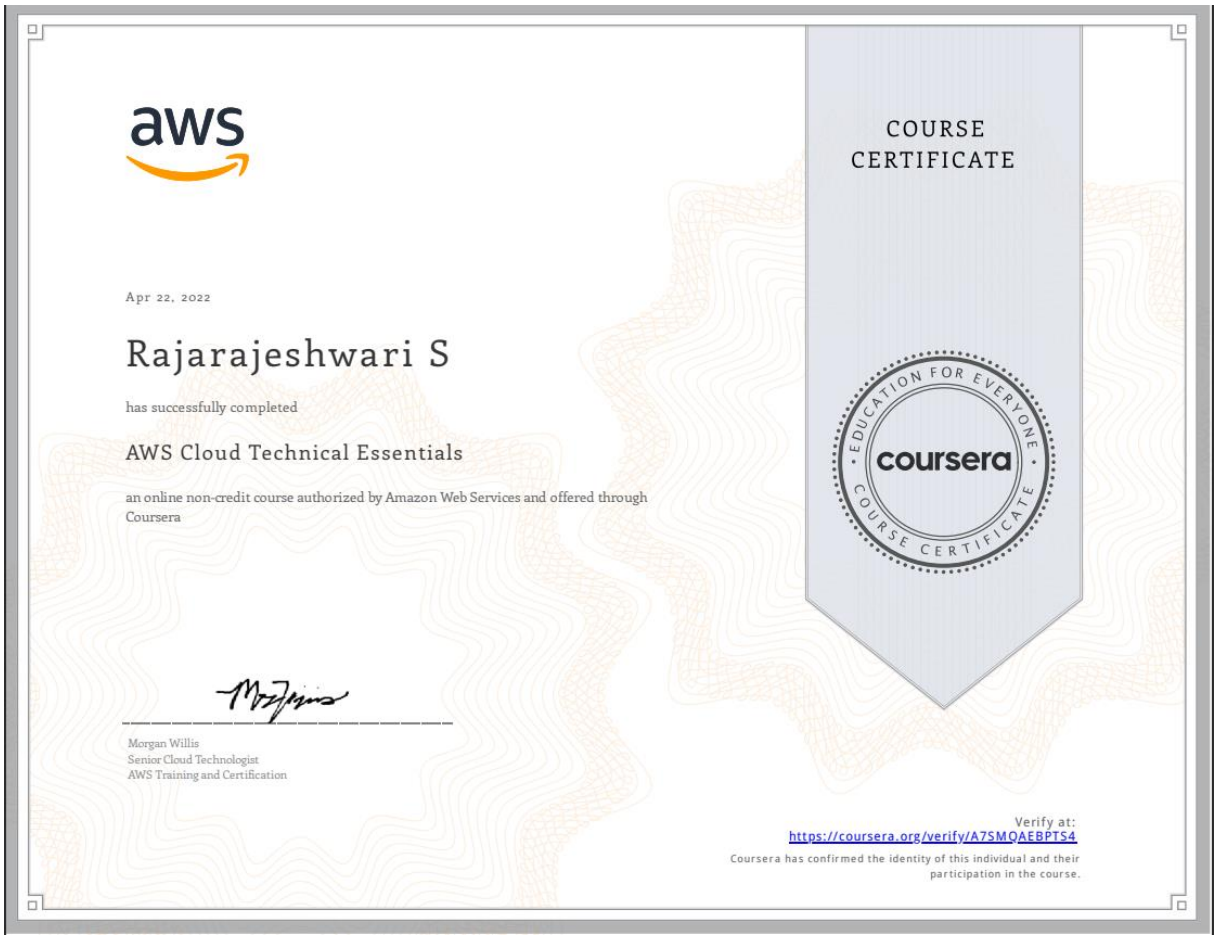
SSH FROM ONE EC2 INSTANCE TO ANOTHER





login as: ec2-user
sudo su –
chmod 600 public.pem
ssh -i public.pem ec2-user@3.110.55.184

COURSE COMPLETION



aws

COURSE CERTIFICATE

Apr 22, 2022

Rajarajeshwari S

has successfully completed

AWS Cloud Technical Essentials

an online non-credit course authorized by Amazon Web Services and offered through Coursera

Morgan Willis
Senior Cloud Technologist
AWS Training and Certification

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Verify at:
https://coursera.org/verify/A7SMQAEBPTS4
Coursera has confirmed the identity of this individual and their participation in the course.