
Cloud || 5th July 2025

1. Recape
2. Cloud
 1. Azure and GCP service
 2. S3
 3. SNS
 4. SQS
 - 5.

Simple Storage services → S3 → AWS → 100% → S3

Set of file formate →

Onedrive → SQL XLS mov zip and known → SH → 1B—

S3 → Unliminted files — 3TB

3TB →

B → KB → MB → GB → TB → PB → ZB → TB —

S3 Tables

S3 → Uniq name → ALL AWS --> all region → az

Testing-s3-april-2025

Lab → S3→ 10

1. Create new s3 bucket
2. Name should be unique

3. Create new file and upload it
- 4.

1. netlify.app/
2. vercel.com
3. mellowbricks.co.in
4. nirankariduniya.blogspot.com
5. https://omghagresume.s3.ap-south-1.amazonaws.com/Resume_webpage/index.html

Data dump —> Indexing —>

1. Type
2. Name
3. Age
4. Key

GCP —>
Azure

Azure —> RG—> Resource Group

AWS —>

GCP —> project

GUI —>Based

CLI

DevOps CLI

1. User/password
2. SSH
3. Token
4. Access key and secret key —> CLI or SDK

PYthon —> ROR -> Developer —> S3

Real → EC2 → S3 → Fetch data or file -

1. IAM user
2. Credentials generate key
3. AWS CLI
 1. AWS CLI laptop
 2. Configuration
 - 3.

API → They never change

FE → UI change

Lab → Access key and Secret Key

1. Generate the access via console for respective user
2. Terminal
 1. Aws configure
 2. Update the access and secret
3. Update the policy for that user s3 full access
4. Aws s3 ls

Project :-

1. IAM Role
 1. Name testing-role-based
 2. Policy add as s3 full access and ec2 full access
 3. Trust ec2 policy

```
"Version": "2012-10-17",
"Statement": [
  {
    "Effect": "Allow",
    "Principal": {
      "Service": "ec2.amazonaws.com"
    },
    "Action": "sts:AssumeRole"
  }
]
```

```
]
}
```

AmazonEC2FullAccess	AWS managed	2
	AmazonS3FullAccess	

2. EC2 instance

1. Name
2. Instance type
3. Ami
4. Security Group
5. Advance IAM role

3. Login the the server

1. Install aws cli
2. aws s3 cp ./testing.tx s3://testing-s3-april-2025/testing/