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**Subject:-** Cloud Computing

## Lab Assignment 4

### S3 bucket operations using AWS CLI :-

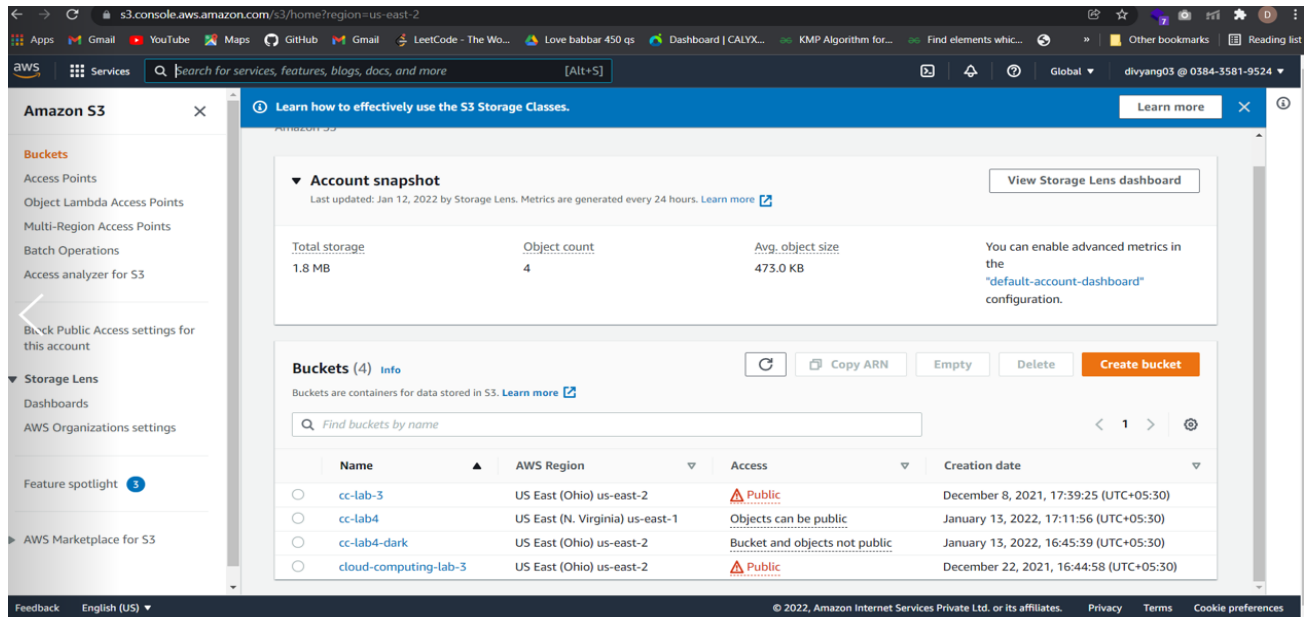
#### Configuration

```
C:\Program Files\Amazon\AWSCLIV2>aws --version
aws-cli/2.4.10 Python/3.8.8 Windows/10 exe/AMD64 prompt/off

C:\Program Files\Amazon\AWSCLIV2>aws configure
AWS Access Key ID [None]: 
AWS Secret Access Key [None]: 
Default region name [None]: us-east-2
Default output format [None]: json
```

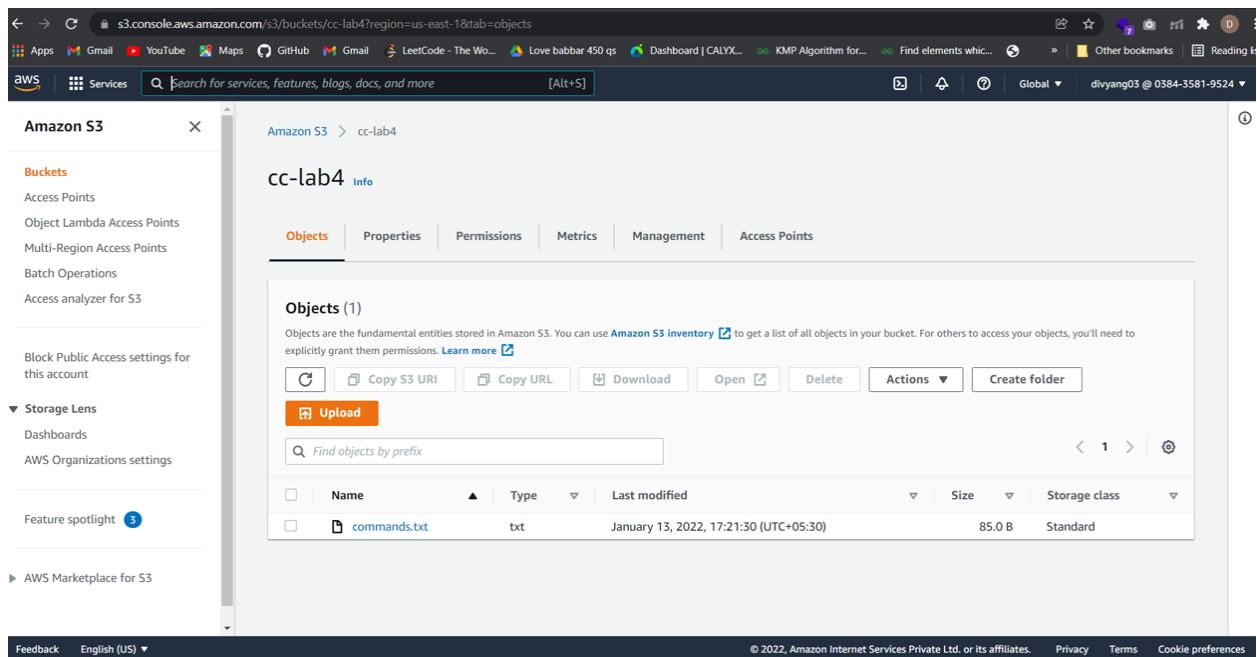
#### S3 Bucket Creation

```
C:\Program Files\Amazon\AWSCLIV2>aws s3api create-bucket --bucket cc-lab4 --region us-east-1
{
  "Location": "/cc-lab4"
}
```



## Upload Object to S3 bucket

```
C:\Program Files\Amazon\AWSCLI>aws s3 cp C:\Users\Divyang\Downloads\commands.txt s3://cc-lab4/commands.txt
upload: ..\..\Users\Divyang\Downloads\commands.txt to s3://cc-lab4/commands.txt
```

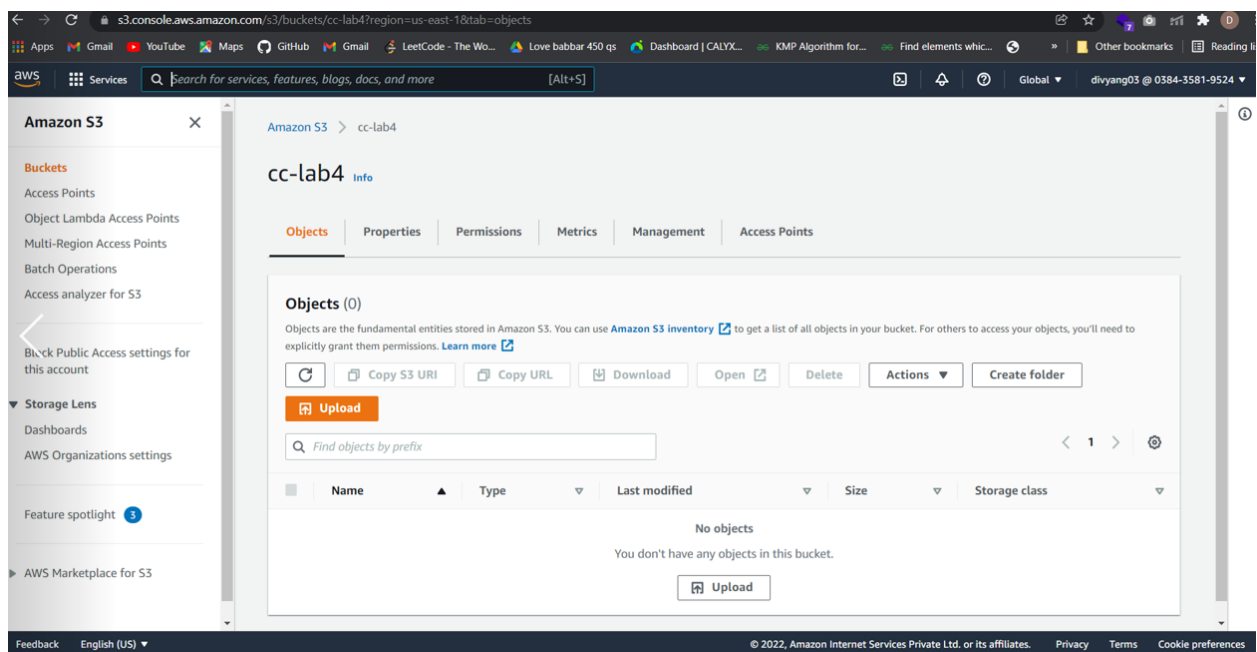


## Download object from S3 bucket

```
C:\Program Files\Amazon\AWSCLI2>aws s3 cp s3://cc-lab4/commands.txt C:\Users\Divyang\Desktop  
download: s3://cc-lab4/commands.txt to ..\..\..\Users\Divyang\Desktop\commands.txt
```

## Delete object from S3 bucket

```
C:\Program Files\Amazon\AWSCLI2>aws s3 rm s3://cc-lab4/commands.txt  
delete: s3://cc-lab4/commands.txt
```

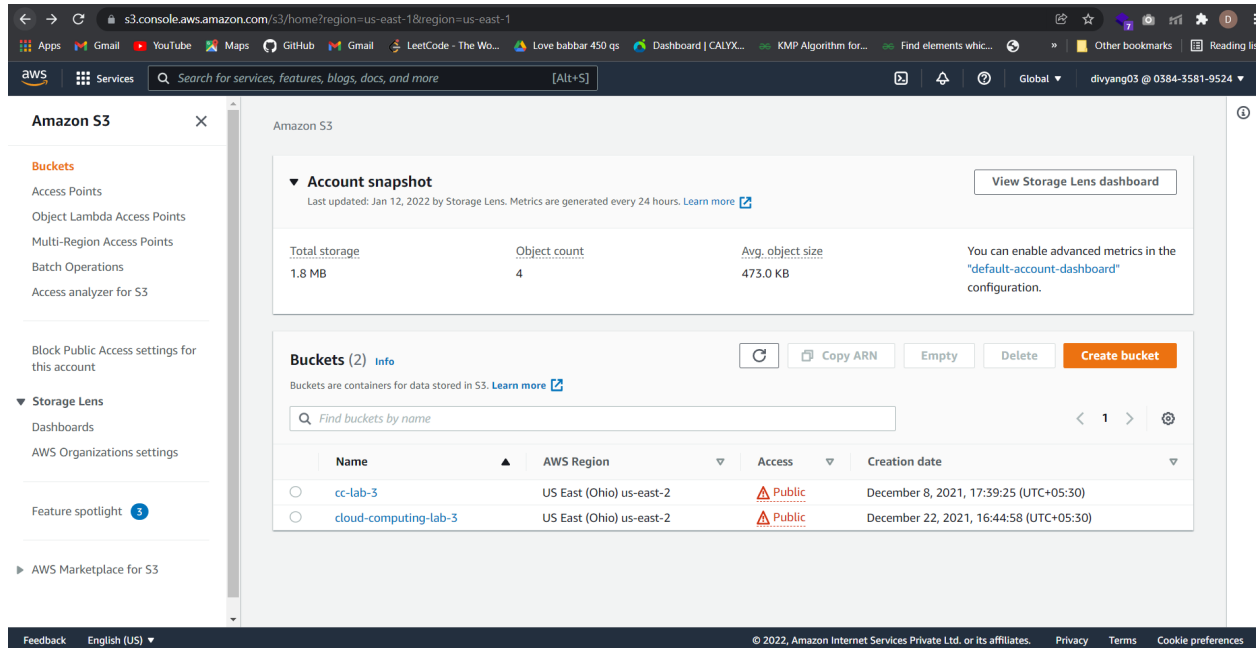


## View all buckets

```
C:\Program Files\Amazon\AWSCLI2>aws s3 ls  
2021-12-14 16:48:55 cc-lab-3  
2022-01-13 17:11:56 cc-lab4  
2022-01-13 16:45:41 cc-lab4-dark  
2021-12-22 16:46:51 cloud-computing-lab-3
```

## Delete bucket from S3

```
C:\Program Files\Amazon\AWSCLI2>aws s3api delete-bucket --bucket cc-lab4 --region us-east-1
```



The screenshot shows the Amazon S3 console interface. On the left, the 'Amazon S3' sidebar is visible with options like Buckets, Access Points, and Storage Lens. The main content area displays an 'Account snapshot' with metrics: Total storage (1.8 MB), Object count (4), and Avg. object size (473.0 KB). Below this, the 'Buckets (2)' section shows a table of buckets. The table has columns for Name, AWS Region, Access, and Creation date. Two buckets are listed: 'cc-lab-3' and 'cloud-computing-lab-3', both in 'US East (Ohio) us-east-2' region with 'Public' access.

Name	AWS Region	Access	Creation date
cc-lab-3	US East (Ohio) us-east-2	Public	December 8, 2021, 17:39:25 (UTC+05:30)
cloud-computing-lab-3	US East (Ohio) us-east-2	Public	December 22, 2021, 16:44:58 (UTC+05:30)