

Assignment:- 3 AWS -S3 Amazon Simple Storage Service

Create Bucket using GUI

Account snapshot - updated every 24 hours [All AWS Regions](#) [View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

General purpose buckets | Directory buckets

General purpose buckets (1) [Info](#) [All AWS Regions](#) [Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Buckets are containers for data stored in S3.

Name	AWS Region	IAM Access Analyzer	Creation date
utkarsha0001	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	September 23, 2024, 21:12:10 (UTC+05:30)

Upload Objects through GUI

Upload succeeded
View details below.

Destination	Succeeded	Failed
s3://utkarsha0001	2 files, 132.9 KB (100.00%)	0 files, 0 B (0%)

Files and folders | Configuration

Files and folders (2 Total, 132.9 KB)

Name	Folder	Type	Size	Status	Error
Assessment...	-	application/...	12.5 KB	Succeeded	-
WhatsApp I...	-	image/jpeg	120.5 KB	Succeeded	-

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Create Bucket through CLI and Show the existing Buckets list

```
Microsoft Windows [Version 10.0.22631.4837]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>aws configure list
      Name                                Value                                Type    Location
      ----                                -
      profile                             <not set>                           None     None
      access_key                           *****62PF                         shared-credentials-file
      secret_key                           *****T26c                         shared-credentials-file
      region                               ap-south-1                           config-file  ~/.aws/config

C:\Windows\System32>aws s3 mb s3://shruti28301
make_bucket failed: s3://shruti28301 An error occurred (InvalidAccessKeyId) when calling the CreateBucket operation: The AWS Access Key Id you provided does not exist in our records.

C:\Windows\System32>aws configure
AWS Access Key ID [*****62PF]: AKIAU6GDWMCB30JSGGUE
AWS Secret Access Key [*****T26c]: TWQFG+/G/qxerQWvOG4PhJHvbFkFQqz2AXf18T5
Default region name [ap-south-1]: ap-south-1
Default output format [json]: json

C:\Windows\System32>aws s3 mb s3://shruti28301
make_bucket: shruti28301

C:\Windows\System32>aws s3 ls
2024-09-23 21:52:29 shruti28301
2024-09-23 21:12:11 utkarsha0001

C:\Windows\System32>
```

(aws iam list-users and aws iam list-groups) :- Command shows the list of existing iam users and groups

As you can see one iam user is present and no group is available.

```
C:\Windows\System32>aws iam list-users
{
  "Users": [
    {
      "Path": "/",
      "UserName": "india",
      "UserId": "AIDAU6GDWMCBSK4CPBJMO",
      "Arn": "arn:aws:iam::339712827523:user/india",
      "CreateDate": "2024-09-23T11:59:32+00:00"
    }
  ]
}

C:\Windows\System32>

C:\Windows\System32>aws iam list-groups
{
  "Groups": []
}

C:\Windows\System32>
```

1. Made a Bucket called demo-apipelineal005
2. Made a file (echo. > file name) devops.txt.
3. Uploaded object devops.txt in bucket demo-apipelineal005 through CLI.

```
C:\Windows\System32>
```

```
C:\Windows\System32>aws s3 ls
```

```
2024-09-23 21:52:29 shruti20301
```

```
2024-09-23 21:12:11 utkarsha0001
```

```
C:\Windows\System32>aws s3 mb s3://demobucket001
```

```
make_bucket failed: s3://demobucket001 An error occurred (BucketAlreadyExists) when calling the CreateBucket operation: The requested bucket name is not available. The bucket namespace is shared by all users of the system. Please select a different name and try again.
```

```
C:\Windows\System32>aws s3 mb s3://demo-apipelineal005
```

```
make_bucket: demo-apipelineal005
```

```
C:\Windows\System32>cat > devops.txt
```

```
'cat' is not recognized as an internal or external command,  
operable program or batch file.
```

```
C:\Windows\System32>echo. > devops.txt
```

```
C:\Windows\System32>aws s3 cp devops.txt s3://demo-apipelineal005
```

```
upload: .\devops.txt to s3://demo-apipelineal005/devops.txt
```

```
C:\Windows\System32>
```