



Discipline

Create S3 bucket using CLI and Perform given actions

CS5002

Activity-9

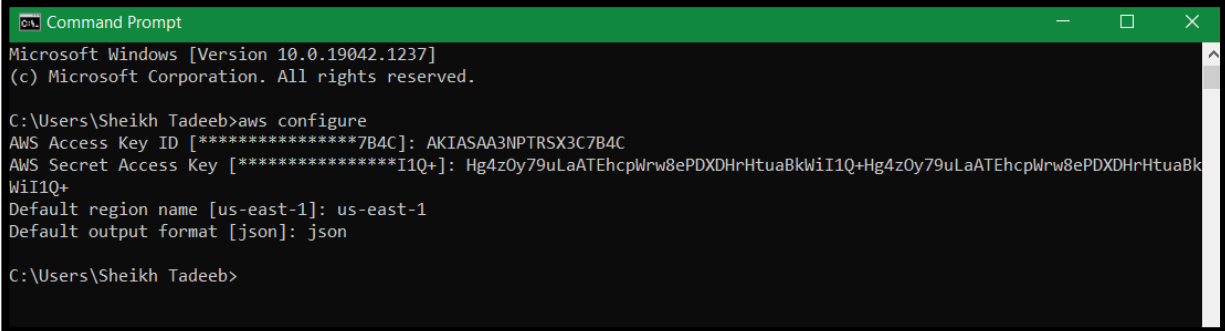
Sheikh Muhammed Tadeeb (AU19B1014)

❖ Problem Statement:

Create a new S3 Bucket in Us-east-1 region and upload 3 files from laptop/desktop, and show the object along with S3 bucket via CLI.

❖ Solution:

Step -1: Login to IAM user via CLI



```
Command Prompt
Microsoft Windows [Version 10.0.19042.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sheikh Tadeeb>aws configure
AWS Access Key ID [*****7B4C]: AKIASAA3NPTRSX3C7B4C
AWS Secret Access Key [*****I1Q+]: Hg4z0y79uLaAEhpcWrw8ePDXDhrHtuaBkwI1Q+Hg4z0y79uLaAEhpcWrw8ePDXDhrHtuaBkwI1Q+
Default region name [us-east-1]: us-east-1
Default output format [json]: json

C:\Users\Sheikh Tadeeb>
```

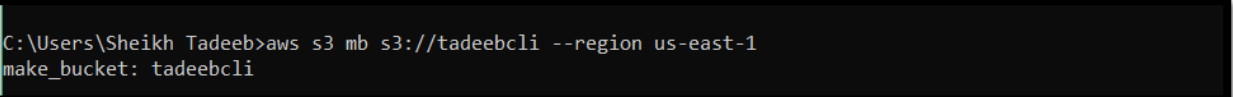
CMD: **aws configure**

(The above command will login to the IAM user).

Step -2: Create bucket for that user

CMD: **aws s3 mb s3://tadeebcli --region us-east-1**

(The above command create bucket using mb in s3://bucketname and specified region.)



```
C:\Users\Sheikh Tadeeb>aws s3 mb s3://tadeebcli --region us-east-1
make_bucket: tadeebcli
```

Step -3: Add 3 files to the bucket we created naming tadeebcli.

CMD: **aws s3 cp "filename" s3://tadeebcli**

(The above command copies system file into bucket using cp filename in s3://bucketname.)

```
Command Prompt
C:\Users\Sheikh Tadeeb\Downloads>aws s3 cp C.png s3://tadeebcli
upload: .\C.png to s3://tadeebcli/C.png

C:\Users\Sheikh Tadeeb\Downloads>aws s3 cp a2.png s3://tadeebcli
upload: .\a2.png to s3://tadeebcli/a2.png

C:\Users\Sheikh Tadeeb\Downloads>aws s3 cp screenSh.png s3://tadeebcli
upload: .\screenSh.png to s3://tadeebcli/screenSh.png

C:\Users\Sheikh Tadeeb\Downloads>
```

Step -4: Show the files we added in our bucket tadeebcli

CMD: **aws s3 ls s3://tadeebcli**

(The above command shows bucket objects using ls in s3://bucketname.)

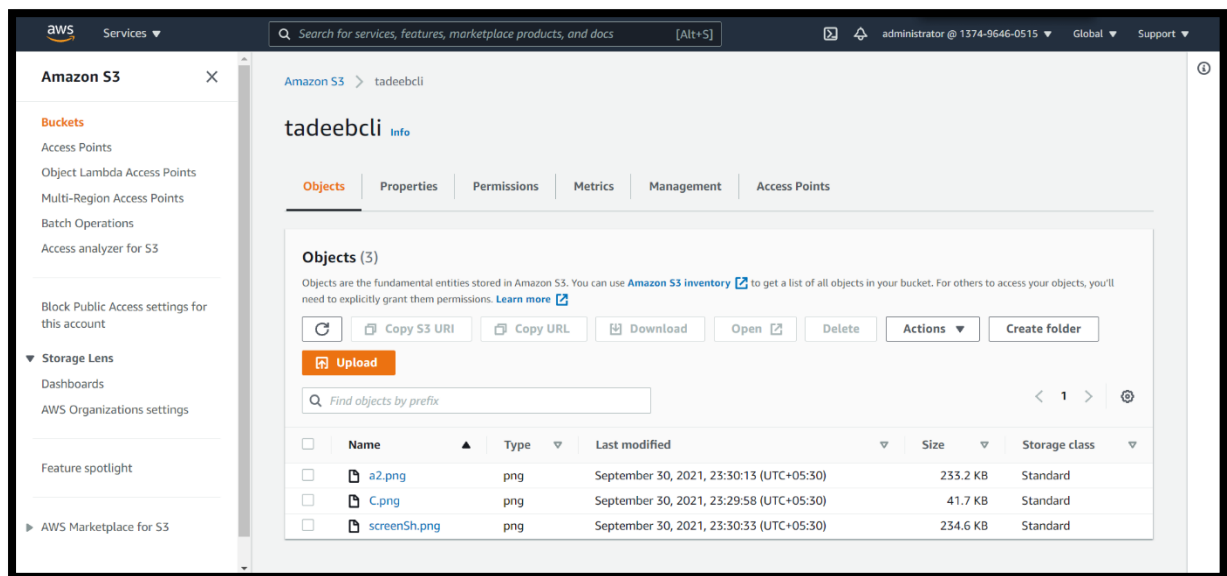
```
Command Prompt
C:\Users\Sheikh Tadeeb\Downloads>aws s3 ls s3://tadeebcli
2021-09-30 23:29:58      42684 C.png
2021-09-30 23:30:13     238832 a2.png
2021-09-30 23:30:33     240188 screenSh.png

C:\Users\Sheikh Tadeeb\Downloads>
```

❖ Verification of the command operations:

The screenshot displays the Amazon S3 console interface. On the left, the navigation menu includes 'Amazon S3', 'Buckets', 'Access Points', 'Object Lambda Access Points', 'Multi-Region Access Points', 'Batch Operations', 'Access analyzer for S3', 'Block Public Access settings for this account', 'Storage Lens', 'Dashboards', 'AWS Organizations settings', 'Feature spotlight', and 'AWS Marketplace for S3'. The main content area shows the 'Account snapshot' with a 'View Storage Lens dashboard' button. Below this, the 'Buckets (1)' section lists the bucket 'tadeebcli' in the 'US East (N. Virginia) us-east-1' region, with 'Objects can be public' and a creation date of 'September 30, 2021, 23:19:24 (UTC+05:30)'. The footer contains 'Feedback', 'English (US)', and copyright information for 2008-2021.

Name	AWS Region	Access	Creation date
tadeebcli	US East (N. Virginia) us-east-1	Objects can be public	September 30, 2021, 23:19:24 (UTC+05:30)



Hence the bucket is created successfully and all the files were added to the bucket we created, thus our operation via CLI creation is successful.