

FSC Assignment 1

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- > Configuring the AWS CLI
- > Performing operations on the S3 Bucket

The screenshot displays the AWS IAM Management Console interface. On the left, the 'Identity and Access Management (IAM)' sidebar is visible, with 'Users' selected. The main content area shows the 'Security credentials' tab for a user. A 'Command Prompt' window is overlaid, showing the following commands and their outputs:

```
C:\Users\sachin kumar\mtech>cd fsc
C:\Users\sachin kumar\mtech\>aws configure
AWS Access Key ID [*****XB52]: AKIAW2YCOMTAGOLIXB52
AWS Secret Access Key [*****g7gH]: RA3qEnEYbmYCPdT1L6mmuGZIwkoeshQkc1g7gH
Default region name [us-east-1]:
Default output format [text]:
C:\Users\sachin kumar\mtech\>aws s3 ls
2022-02-19 16:19:58 mybucket1597
2022-02-20 09:02:33 sachback
C:\Users\sachin kumar\mtech\>aws s3 cp .\sample.txt s3://sachback
upload: .\sample.txt to s3://sachback/sample.txt
C:\Users\sachin kumar\mtech\>aws s3 ls sachback
2022-02-20 09:11:23      43 sample.txt
C:\Users\sachin kumar\mtech\>aws s3 rm s3://sachback/sample.txt
delete: s3://sachback/sample.txt
C:\Users\sachin kumar\mtech\>aws s3 ls sachback
C:\Users\sachin kumar\mtech\>aws s3 ls rb sachback
Unknown options: sachback
C:\Users\sachin kumar\mtech\>aws s3 rb s3://sachback
remove_bucket: sachback
C:\Users\sachin kumar\mtech\>aws s3 ls
2022-02-19 16:19:58 mybucket1597
```

The console also shows a table of active access keys for the user 'sachin kumar'.

Status	Access Key ID	Access Key	Actions
Active	AKIAW2YCOMTAGOLIXB52	RA3qEnEYbmYCPdT1L6mmuGZIwkoeshQkc1g7gH	Make inactive ✕
Active	AKIAW2YCOMTAGOLIXB52	RA3qEnEYbmYCPdT1L6mmuGZIwkoeshQkc1g7gH	Make inactive ✕

The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock displaying 9:15 AM on 2/20/2022.

Creation of a Bucket

Postman

File Edit View Help

Home Workspaces API Network Reports Explore

Search Postman

Invite

Upgrade

My Workspace

New Import PUT https://s3.us-east-1.amaz...

No Environment

Collections

New Collection / https://s3.us-east-1.amazonaws.com/sachbuck1

Save

Send

Cookies

PUT https://s3.us-east-1.amazonaws.com/sachbuck1...

Params Authorization Headers (11) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL Text

1 <CreateBucketConfiguration xmlns="http://s3.amazonaws.com/doc/2006-03-01/">

2 <LocationConstraint>us-east-1</LocationConstraint>

3 </CreateBucketConfiguration>

Body Cookies Headers (6) Test Results

Pretty Raw Preview Visualize Text

1

Status: 200 OK Time: -- Size: 265 B Save Response

200 OK

Standard response for successful HTTP requests. The actual response will depend on the request method used. In a GET request, the response will contain an entity corresponding to the requested resource. In a POST request the response will contain an entity describing or containing the result of the action.

Find and Replace Console

Capture requests and cookies Bootcamp Runner Trash

Desktop DESKTOP-T42LN6R 24°C ENG INTL 9:43 AM 2/20/2022

Listing of Buckets

Postman

File Edit View Help

Home Workspaces API Network Reports Explore

My Workspace

Collections

New Collection

PUT https://s3.us-east-1.amazonaws.com/

Environments

Mock Servers

Monitors

Flows

History

New Import

GET https://s3.us-east-1.amazonaws.com/

New Collection / https://s3.us-east-1.amazonaws.com/sachbuck1

Params Authorization Headers (11) Body Pre-request Script Tests Settings

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize XML

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <ListAllMyBucketsResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
3   <Owner>
4     <ID>b4712aeb73cd826cc06ad4e5c4157ac1f62b4b23ed05739da98811a1298de4c2</ID>
5     <DisplayName>ssachinkumar1997</DisplayName>
6   </Owner>
7   <Buckets>
8     <Bucket>
9       <Name>mybucket1597</Name>
10      <CreationDate>2022-02-19T10:49:58.000Z</CreationDate>
11    </Bucket>
12    <Bucket>
13      <Name>sachbuck</Name>
14      <CreationDate>2022-02-20T04:01:12.000Z</CreationDate>
15    </Bucket>
16    <Bucket>
17      <Name>sachbuck1</Name>
18      <CreationDate>2022-02-20T04:12:43.000Z</CreationDate>
19    </Bucket>
20  </Buckets>
21 </ListAllMyBucketsResult>
```

Status: 200 OK Time: 21.41 s Size: 842 B Save Response

200 OK

Standard response for successful HTTP requests. The actual response will depend on the request method used. In a GET request, the response will contain an entity corresponding to the requested resource. In a POST request the response will contain an entity describing or containing the result of the action.

Find and Replace Console

Desktop DESKTOP-T42LN6R 24°C ENG INTL 9:56 AM 2/20/2022

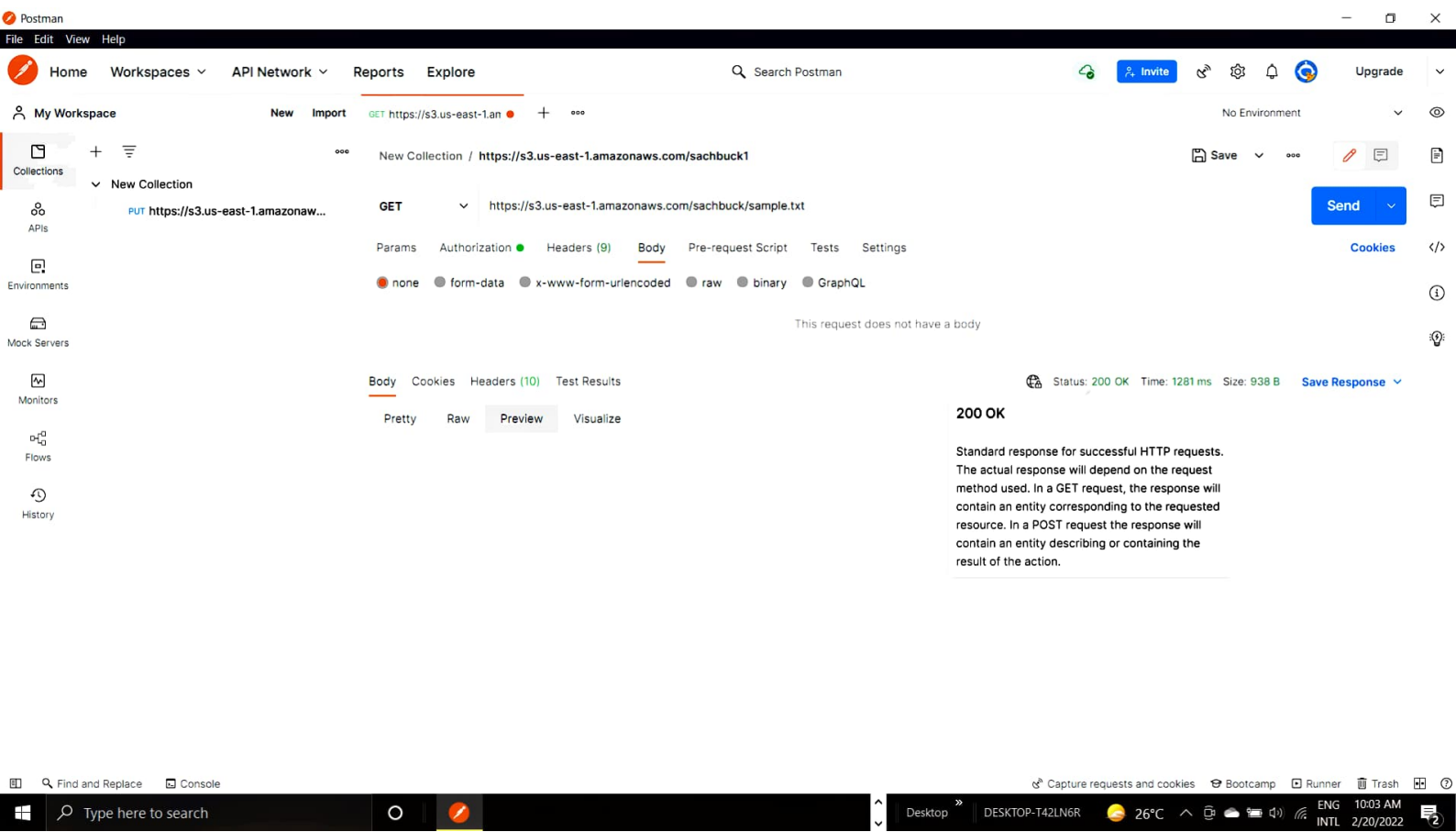
Adding a sample file

The screenshot displays the Postman application window. The top navigation bar includes 'Home', 'Workspaces', 'API Network', 'Reports', and 'Explore'. The left sidebar shows 'My Workspace' with a 'New Collection' button and a list of collections. The main workspace shows a 'GET' request to 'https://s3.us-east-1.amazonaws.com/sachbuck1'. The 'Body' tab is selected, showing the response in 'Pretty' format. The response is a 200 OK status with a 1406 ms time and 880 B size. The response body is an XML document representing a successful GET request to an S3 bucket. The XML structure is as follows:

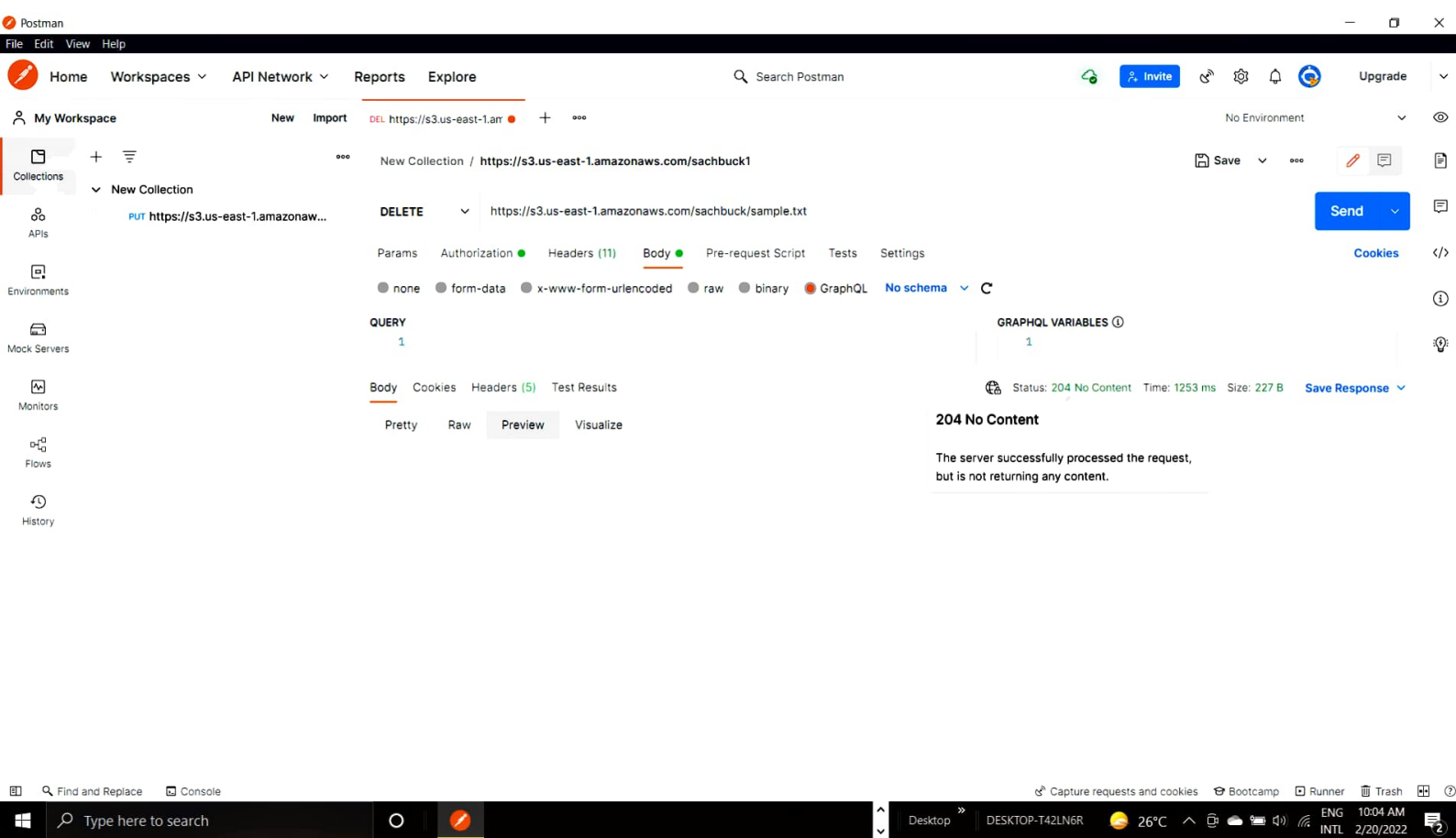
```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <ListBucketResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
3   <Name>sachbuck</Name>
4   <Prefix></Prefix>
5   <Marker></Marker>
6   <MaxKeys>1000</MaxKeys>
7   <IsTruncated>false</IsTruncated>
8   <Contents>
9     <Key>sample.txt</Key>
10    <LastModified>2022-02-20T04:27:22.000Z</LastModified>
11    <ETag>"49945116e9ad0bb8d8cb094593332a"</ETag>
12    <Size>562</Size>
13    <Owner>
14      <ID>b4712aeb73cd826cc06ad4e5c4157ac1f62b4b23ed05739da98811a1298de4c2</ID>
15      <DisplayName>ssachinkumar1997</DisplayName>
16    </Owner>
17    <StorageClass>STANDARD</StorageClass>
18  </Contents>
19 </ListBucketResult>
```

The right sidebar shows the '200 OK' status and a description: 'Standard response for successful HTTP requests. The actual response will depend on the request method used. In a GET request, the response will contain an entity corresponding to the requested resource. In a POST request the response will contain an entity describing or containing the result of the action.'

The bottom status bar shows the system tray with the date and time (9:59 AM, 2/20/2022) and the language (ENG, INTL).



Deleting the File



Postman

File Edit View Help

HomeWorkspacesAPI NetworkReportsExplore

Search Postman

Invite

Upgrade

My Workspace

NewImportGET https://s3.us-east-1.an

No Environment

Collections

New Collection

PUT https://s3.us-east-1.amazonaw...

New Collection / https://s3.us-east-1.amazonaws.com/sachbuck1

Save

Send

Cookies

GET

https://s3.us-east-1.amazonaws.com/sachbuck/

ParamsAuthorizationHeaders (11)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLNo schema

QUERY

1

GRAPHQL VARIABLES

1

Status: 200 OKTime: 1408 msSize: 544 BSave Response

BodyCookiesHeaders (8)Test Results

PrettyRawPreviewVisualizeXML

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <ListBucketResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
3   <Name>sachbuck</Name>
4   <Prefix></Prefix>
5   <Marker></Marker>
6   <MaxKeys>1000</MaxKeys>
7   <IsTruncated>false</IsTruncated>
8 </ListBucketResult>
```

200 OK

Standard response for successful HTTP requests. The actual response will depend on the request method used. In a GET request, the response will contain an entity corresponding to the requested resource. In a POST request the response will contain an entity describing or containing the result of the action.

Find and ReplaceConsole

Capture requests and cookiesBootcampRunnerTrash

DesktopDESKTOP-T42LN6R26°CENG INTL 10:12 AM 2/20/2022

Delete Bucket

The screenshot displays the Postman application window. The top navigation bar includes 'Home', 'Workspaces', 'API Network', 'Reports', and 'Explore'. The left sidebar shows the 'My Workspace' section with a 'New Collection' button and a list of collections. The main workspace area shows a 'DELETE' request to the URL 'https://s3.us-east-1.amazonaws.com/sachbuck1'. The request is configured with the following settings:

- Method: DELETE
- URL: https://s3.us-east-1.amazonaws.com/sachbuck1
- Params: none
- Authorization: form-data
- Headers: (11)
- Body: x-www-form-urlencoded
- Pre-request Script: none
- Tests: none
- Settings: No schema

The response is displayed on the right side of the interface, showing a status of '204 No Content' and a message: 'The server successfully processed the request, but is not returning any content.' The bottom status bar shows the system tray with the date and time '10:14 AM 2/20/2022'.

Postman

File Edit View Help

Home Workspaces API Network Reports Explore

Search Postman

My Workspace

New Import GET https://s3.us-east-1.a...

No Environment

Save

New Collection / https://s3.us-east-1.amazonaws.com/sachbuck1

GET https://s3.us-east-1.amazonaws.com/

Params Authorization Headers (11) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL Text

Body Cookies Headers (7) Test Results

200 OK

Status: 200 OK Time: 21.43 s Size: 751 B Save Response

Standard response for successful HTTP requests. The actual response will depend on the request method used. In a GET request, the response will contain an entity corresponding to the requested resource. In a POST request the response will contain an entity describing or containing the result of the action.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <ListAllMyBucketsResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
3   <Owner>
4     <ID>b4712aeb73cd826cc06ad4e5c4157ac1f62b4b23ed05739da98811a1298de4c2</ID>
5     <DisplayName>ssachinkumar1997</DisplayName>
6   </Owner>
7   <Buckets>
8     <Bucket>
9       <Name>mybucket1597</Name>
10      <CreationDate>2022-02-19T10:49:58.000Z</CreationDate>
11    </Bucket>
12    <Bucket>
13      <Name>sachbuck1</Name>
14      <CreationDate>2022-02-20T04:12:43.000Z</CreationDate>
15    </Bucket>
16  </Buckets>
17 </ListAllMyBucketsResult>
```

Find and Replace Console

Capture requests and cookies Bootcamp Runner Trash

Desktop DESKTOP-T42LN6R 28°C ENG 11:29 AM 2/20/2022