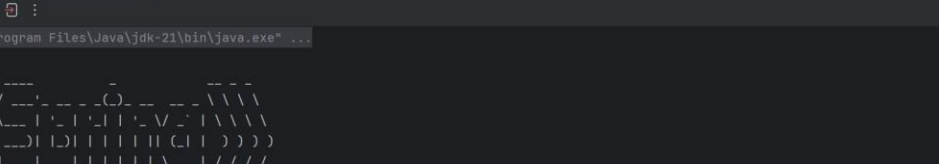


USING SPRING BOOT APPLICATION

The screenshot shows the IntelliJ IDEA interface. On the left, the Project tool window displays the file hierarchy: ex1-s3-sb > src > main > java > com.s3.examples > configuration > AWSS3Config. The right pane shows the contents of application.properties:

```
1   accessKey=AKIAUSJEUJVLAS7PECH2  
2   secretKey=WLMhpj3k4d9dSd6d7d8d9d9d9d9d9d9d9d9d9d9d  
3   region=ap-south-1  
4   cloud.aws.region.static=ap-south-1  
5   cloud.aws.region.auto=false  
6   cloud.aws.stack.autog=true  
7   spring.main.allow-bean-definition-overriding=true  
8   logging.level.com.amazonaws.util.EC2MetadataUtils=error  
9   logging.level.com.amazonaws.internal.InstanceMetadataServiceResourceFetcher=error
```



```
Run S3ExamplesApplication x
C:\Program Files\Java\jdk-21\bin\java.exe ...

  ____ _
 / ___ \| | | |
/ /___ \| |_| |
\___)___|_____|
:: Spring Boot ::
          (v3.2.4)

2025-02-24T16:05:50.819+05:30 INFO 2344 --- [main] com.s3.examples.S3ExamplesApplication : Starting S3ExamplesApplication using
2025-02-24T16:05:50.821+05:30 INFO 2344 --- [main] com.s3.examples.S3ExamplesApplication : No active profile set, falling back to
2025-02-24T16:05:52.277+05:30 INFO 2344 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2025-02-24T16:05:52.294+05:30 INFO 2344 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-02-24T16:05:52.294+05:30 INFO 2344 --- [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.90]
2025-02-24T16:05:52.378+05:30 INFO 2344 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2025-02-24T16:05:52.379+05:30 INFO 2344 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialize
2025-02-24T16:05:53.882+05:30 INFO 2344 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with
2025-02-24T16:05:53.899+05:30 INFO 2344 --- [main] com.s3.examples.S3ExamplesApplication : Started S3ExamplesApplication in 3.682
2025-02-24T16:06:17.144+05:30 INFO 2344 --- [nio-8080-exec-2] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet
```

```
Structure S3ExamplesApplication x
...
: Starting Servlet engine: [Apache Tomcat/10.1.17]
: Initializing Spring embedded WebApplicationContext
: Root WebApplicationContext: initialization completed in 1477 ms
: Tomcat started on port 8080 (http) with context path ''
: Started S3ExamplesApplication in 3.682 seconds (process running for 4.13)
: Initializing Spring DispatcherServlet 'dispatcherServlet'
: Initializing Servlet 'dispatcherServlet'
: Completed initialization in 1 ms
: Resolved [org.springframework.web.HttpRequestMethodNotSupportedException: Request method 'POST' is not supported]
: Inside method createBucket
: Inside method bucketAlreadyExists
: bucket already exist
: Unable to create bucket :The requested bucket name is not available. The bucket namespace is shared by all users of the system. Please select
: Inside method createBucket
: Inside method bucketAlreadyExists
: Resolved [org.springframework.web.HttpMediaTypeNotSupportedException: Content-Type is not supported]
: Inside method upload
: JAXB is unavailable. Will fallback to SDK implementation which may be less performant.If you are using Java 9+, you will need to include java
: Inside method upload
```

My Workspace

aws-springboot-integration / 1-aws-s3-sb / 1-create-bucket

GET http://localhost:8080/s3bucket/add/bca-rashid-bucket

Params Authorization Headers (6) Body Scripts Settings

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Response History

Click Send to get a response

My Workspace

aws-springboot-integration / 1-aws-s3-sb / 2-upload-bucket

POST http://localhost:8080/s3bucket/upload/file/bca-rashid-bucket

Params Authorization Headers (8) Body Scripts Settings

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

Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/> file	File	2 files	
Key	Text	Value	Description

Response History

Click Send to get a response

My Workspace

aws-springboot-integration

1-aws-s3-sb

DEL 3-delete-file

aws-springboot-integration / 1-aws-s3-sb / 3-delete-file

DELETE http://localhost:8080/s3bucket/delete/file/bca-rashid-bucket/index.html

Params Authorization Headers (8) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Response History

Click Send to get a response

My Workspace

aws-springboot-integration

1-aws-s3-sb

DEL 4-delete-bucket

aws-springboot-integration / 1-aws-s3-sb / 4-delete-bucket

DELETE http://localhost:8080/s3bucket/delete/bucket/test-bucket-98928253we4

Params Authorization Headers (8) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Response History

Click Send to get a response

Amazon S3 Buckets

General purpose buckets

Directory buckets

General purpose buckets (2) Info All AWS Regions

Copy ARN Empty Delete Create bucket

Buckets are containers for data stored in S3.

Find buckets by name

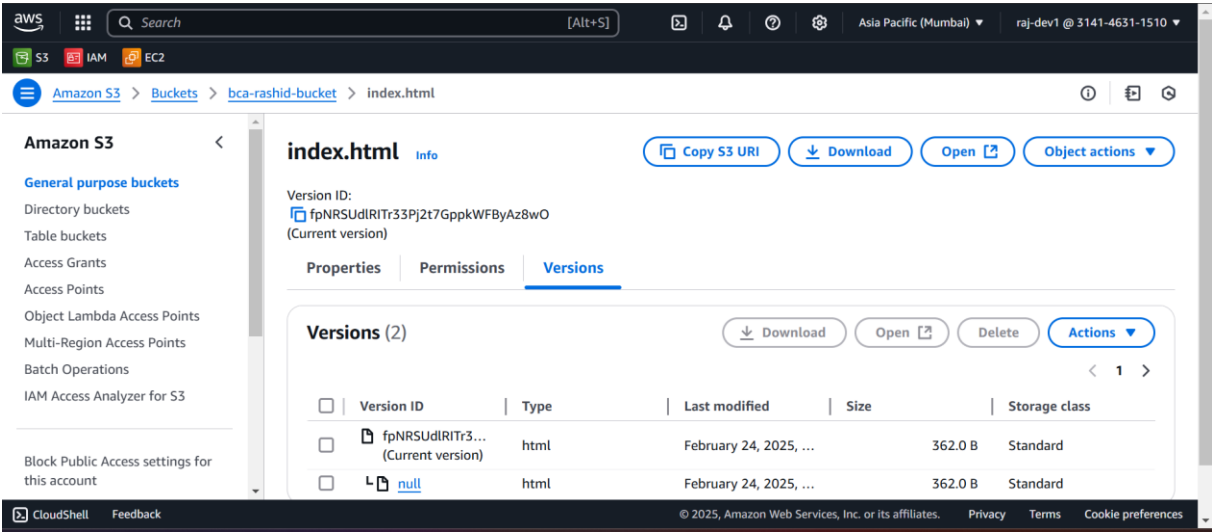
Name	AWS Region	IAM Access Analyzer	Creation date
bca-bucket-new	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	February 24, 2025, 12:34:43 (UTC+05:30)
bca-rashid-bucket	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	February 24, 2025, 16:12:05 (UTC+05:30)

Storage Lens

CloudShell Feedback

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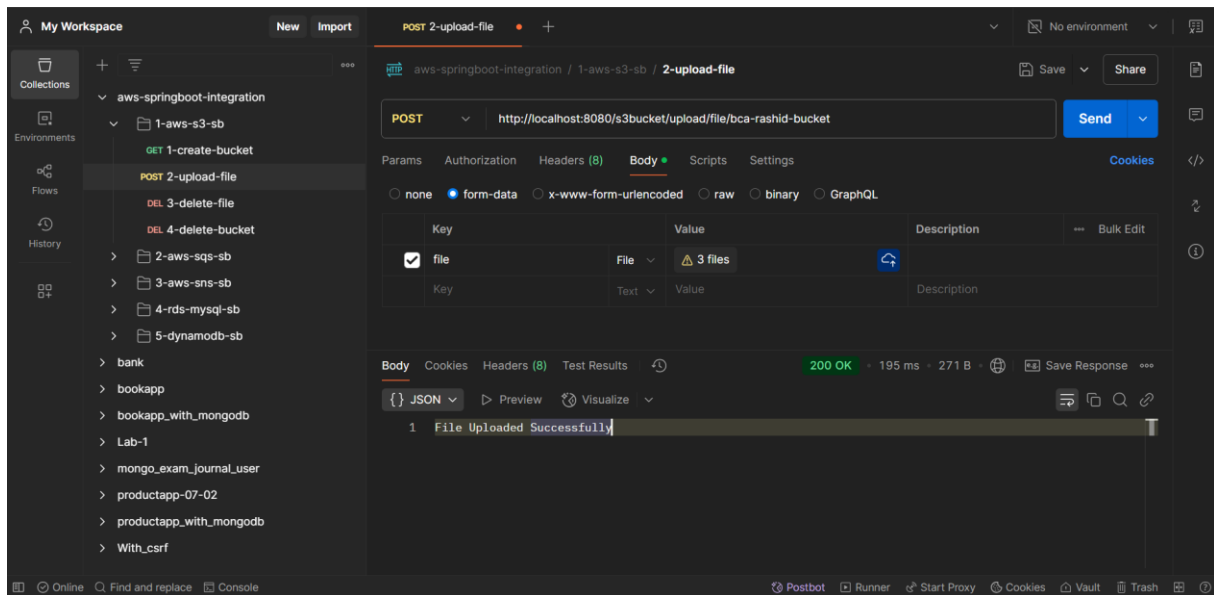
APPLYING VERSIONING:



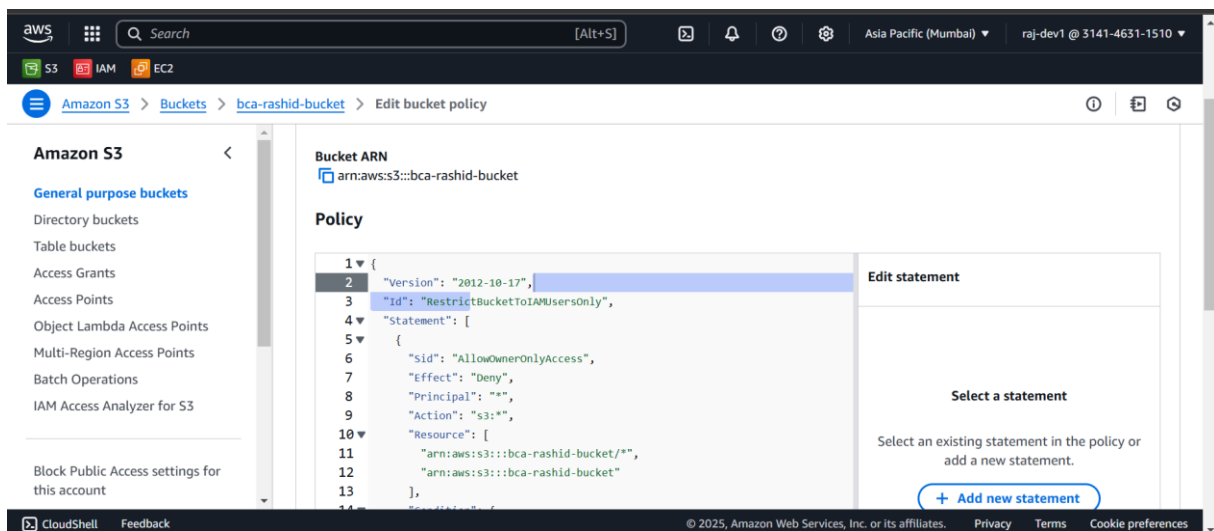
This is my first bucket from spring boot application

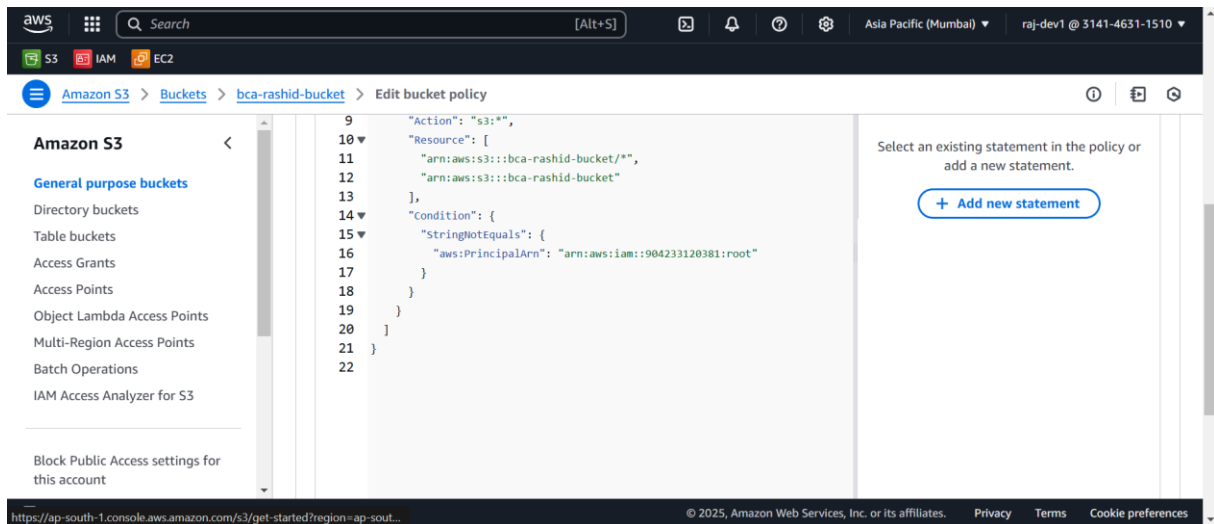
Everything is going good

This is the V2 of the file



S3 BUCKET POLICY:





USING CLI:

```

Microsoft Windows [Version 10.0.26100.3194]
(c) Microsoft Corporation. All rights reserved.

C:\Users\rashid.tahasildar>aws configure
AWS Access Key ID [*****ECH2]: AKIAUSJEUJVLAS7PECH2
AWS Secret Access Key [*****5UKi]: 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
Default region name [south]:
Default output format [json]:

C:\Users\rashid.tahasildar>aws s3 ls --region ap-south-1
2025-02-24 12:34:45 bca-bucket-new
2025-02-24 16:12:05 bca-rashid-bucket

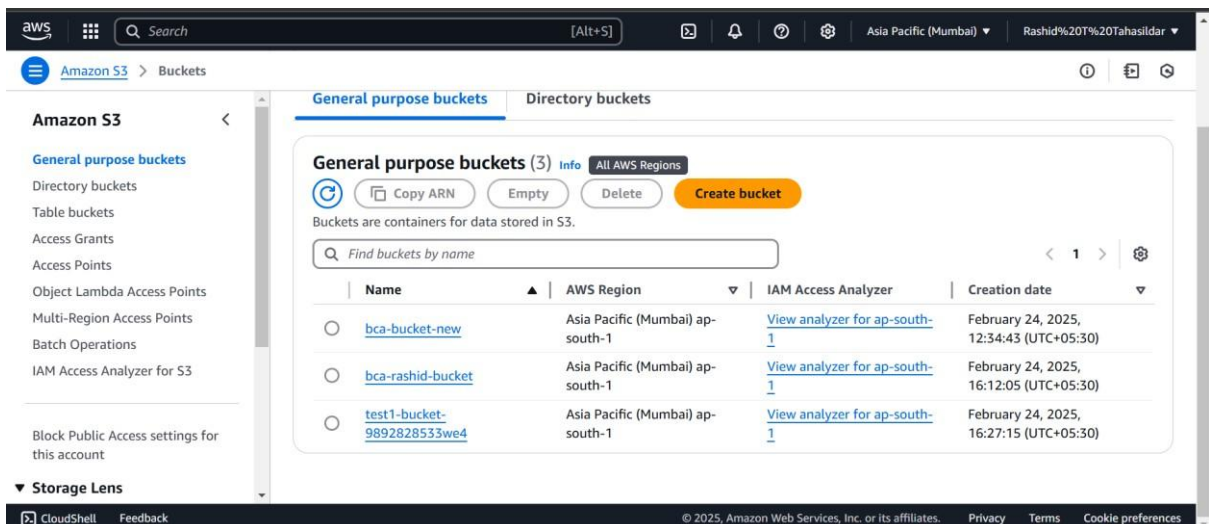
C:\Users\rashid.tahasildar>

```

```

C:\Users\rashid.tahasildar>aws s3 mb s3://test1-bucket-9892828533we4 --region ap-south-1
make_bucket: test1-bucket-9892828533we4

```



```

C:\Users\rashid.tahasildar>aws s3 rm s3://test1-bucket-9892828533we4/index.html

```