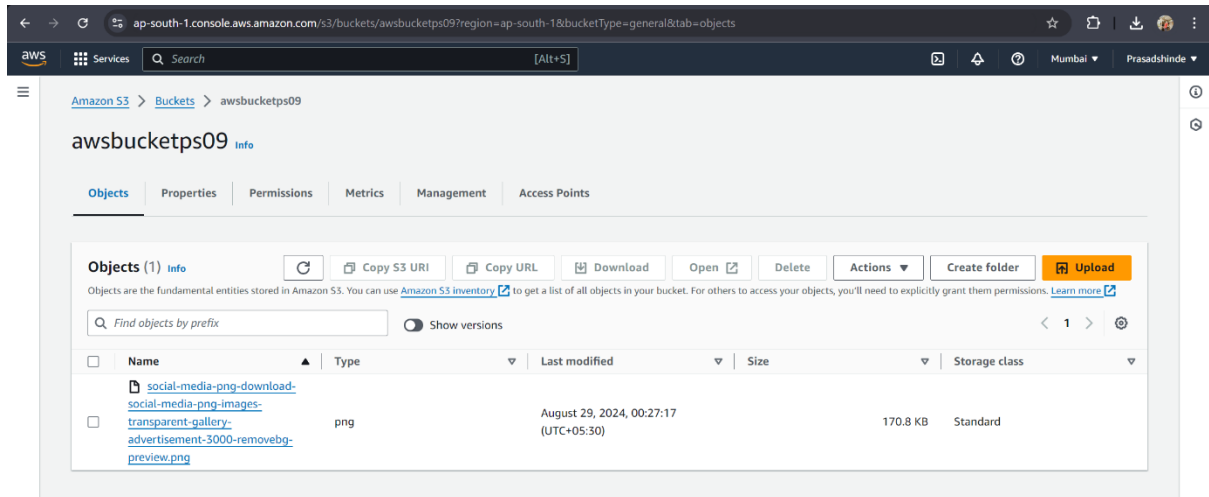


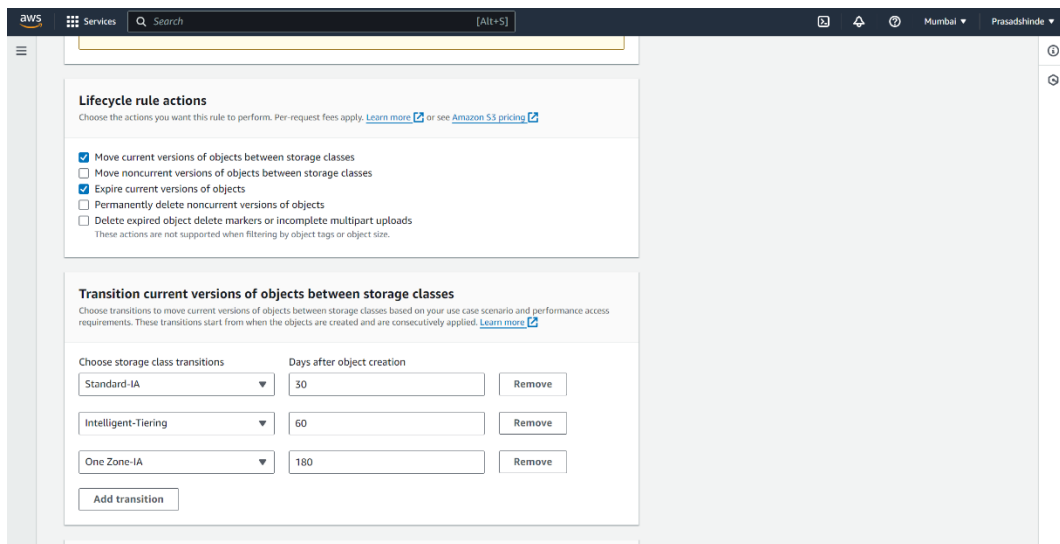
# AWS S3 Pratical

## Q1 AWS S3 Lifecycle

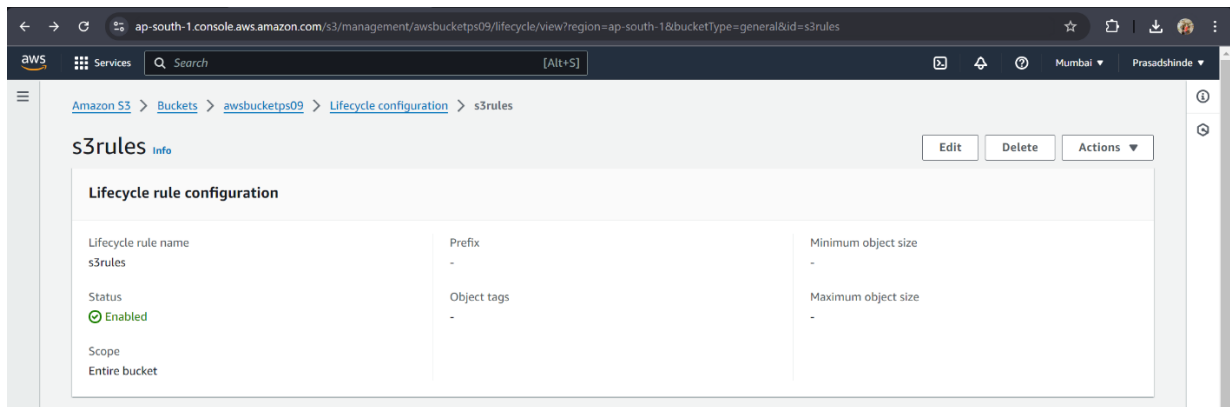
1. Create public bucket and add object in that bucket and make it public



2. Creating rule and apply S3 lifecycle policy to bucket

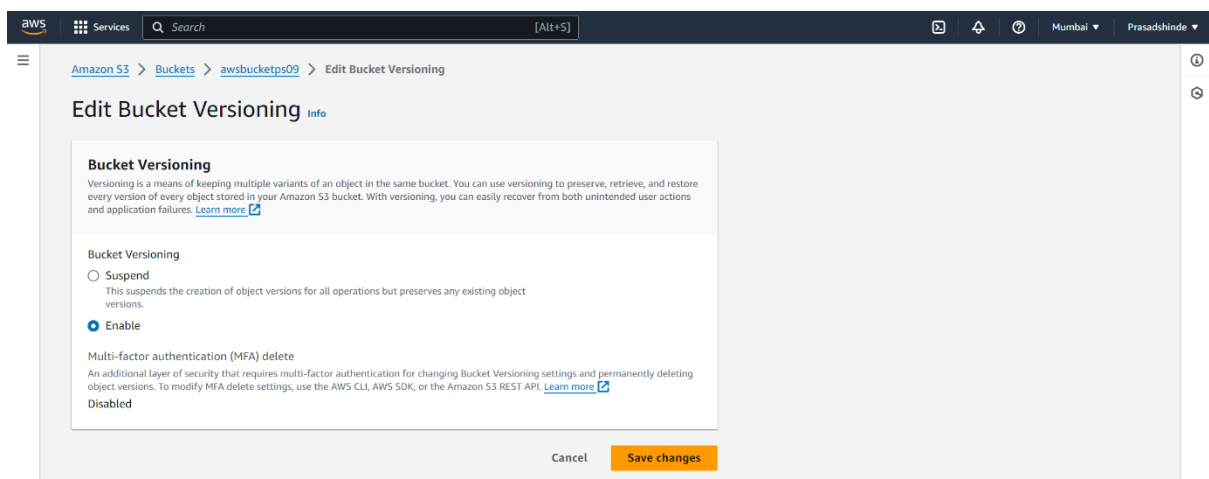


### 3.S3 lifeCycle configuration

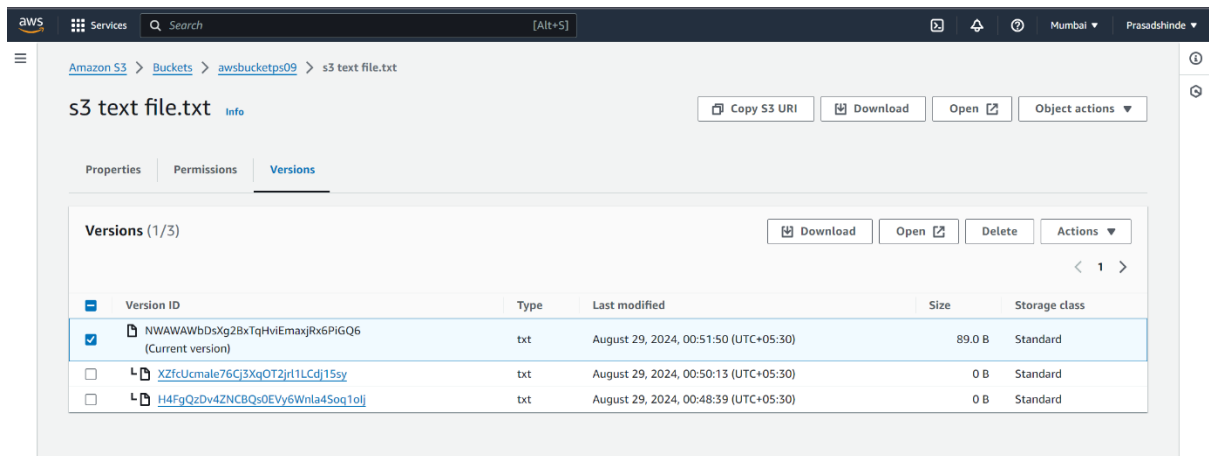


## Q2 S3 Versioning

### 1.Enable S3versioning of bucket



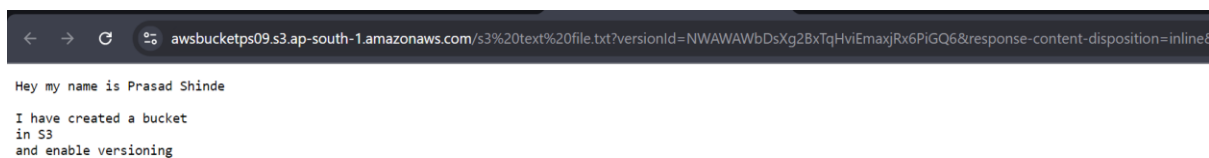
## 2. After uploading files below are the version created



The screenshot shows the AWS S3 console interface. The breadcrumb navigation is 'Amazon S3 > Buckets > awsbucketps09 > s3 text file.txt'. The file 's3 text file.txt' is selected, and the 'Versions' tab is active. The 'Versions' section shows a table with 3 versions of the file.

Version ID	Type	Last modified	Size	Storage class
NWAWAWbDsXg2BxTqHviEmaxjRx6PiGQ6 (Current version)	txt	August 29, 2024, 00:51:50 (UTC+05:30)	89.0 B	Standard
XZfcUcmale76Gj3XqOT2jrt1LCdj15sy	txt	August 29, 2024, 00:50:13 (UTC+05:30)	0 B	Standard
H4FgQzDv4ZNCBQs0EVy6Wnla4Soq1olj	txt	August 29, 2024, 00:48:39 (UTC+05:30)	0 B	Standard

## 3. Below is the latest file output

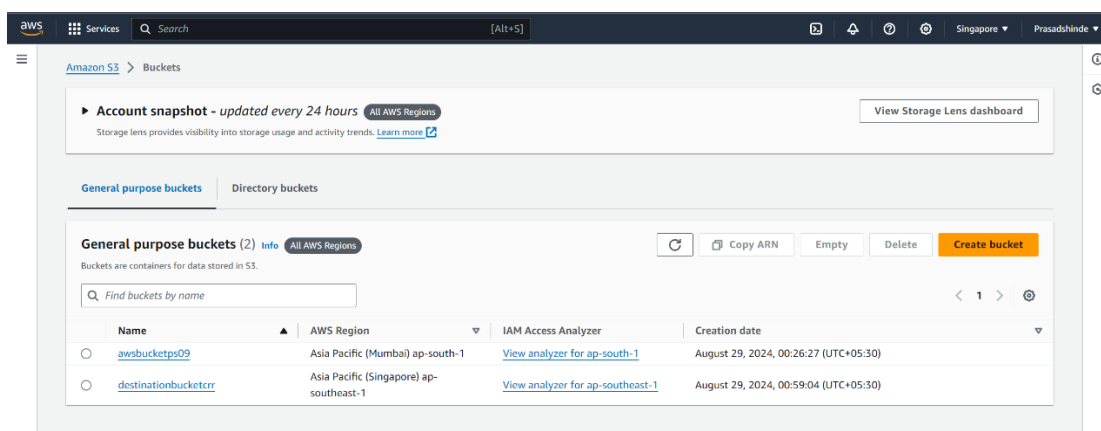


The screenshot shows a web browser displaying the content of the file 's3 text file.txt' from the bucket 'awsbucketps09'. The content is as follows:

```
Hey my name is Prasad Shinde  
  
I have created a bucket  
in S3  
and enable versioning
```

## Q3 Cross region Replication

### 1. Create one more bucket in other region



The screenshot shows the AWS S3 console interface. The breadcrumb navigation is 'Amazon S3 > Buckets'. The 'General purpose buckets' section is active, showing a list of buckets. The 'Create bucket' button is visible.

Name	AWS Region	IAM Access Analyzer	Creation date
awsbucketps09	Asia Pacific (Mumbai) ap-south-1	<a href="#">View analyzer for ap-south-1</a>	August 29, 2024, 00:26:27 (UTC+05:30)
destinationbucketrr	Asia Pacific (Singapore) ap-southeast-1	<a href="#">View analyzer for ap-southeast-1</a>	August 29, 2024, 00:59:04 (UTC+05:30)

## 2.Create Replication rule

aws Services Search [Alt+S]

Amazon S3 > Buckets > awsbucketps09 > Replication rules > Create replication rule

### Create replication rule [Info](#)

#### Replication rule configuration

**Replication rule name**

Up to 255 characters. In order to be able to use CloudWatch metrics to monitor the progress of your replication rule, the replication rule name must only contain English characters.

**Status**  
Choose whether the rule will be enabled or disabled when created.

☒ Enabled  
☐ Disabled

**Priority**  
The priority value resolves conflicts that occur when an object is eligible for replication under multiple rules to the same destination. The rule is added to the configuration at the highest priority and the priority can be changed on the replication rules table.

0

#### Source bucket

**Source bucket name**

awsbucketps09

## 3.Specify Destination Bucket

aws Services Search [Alt+S]

Add tag

### Destination

**Destination**  
You can replicate objects across buckets in different AWS Regions (Cross-Region Replication) or you can replicate objects across buckets in the same AWS Region (Same-Region Replication). You can also specify a different bucket for each rule in the configuration. [Learn more](#) or see [Amazon S3 pricing](#).

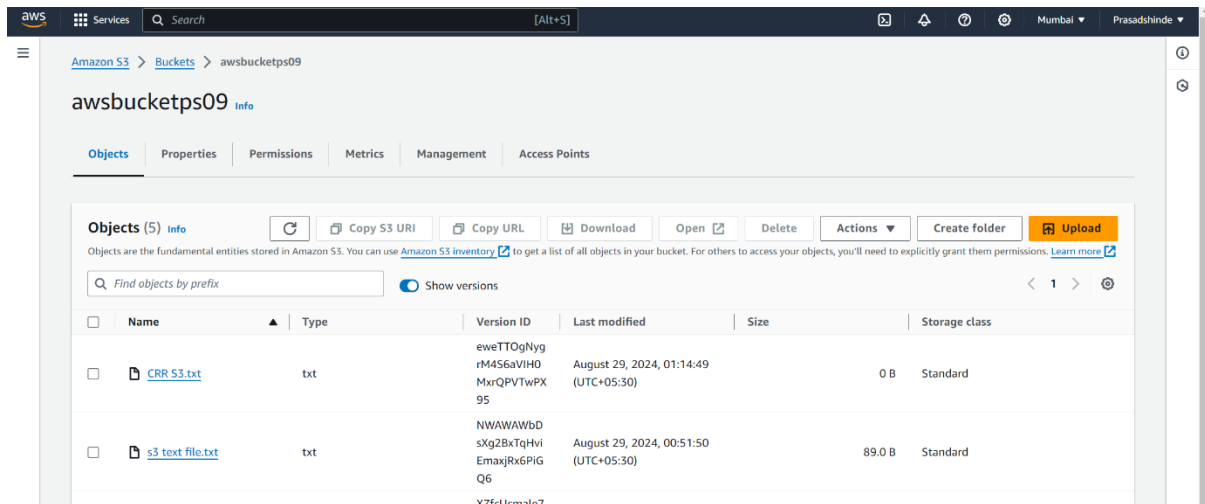
☒ Choose a bucket in this account  
☐ Specify a bucket in another account

**Bucket name**  
Choose the bucket that will receive replicated objects.

[Browse S3](#)

**Destination Region**  
Asia Pacific (Singapore) ap-southeast-1

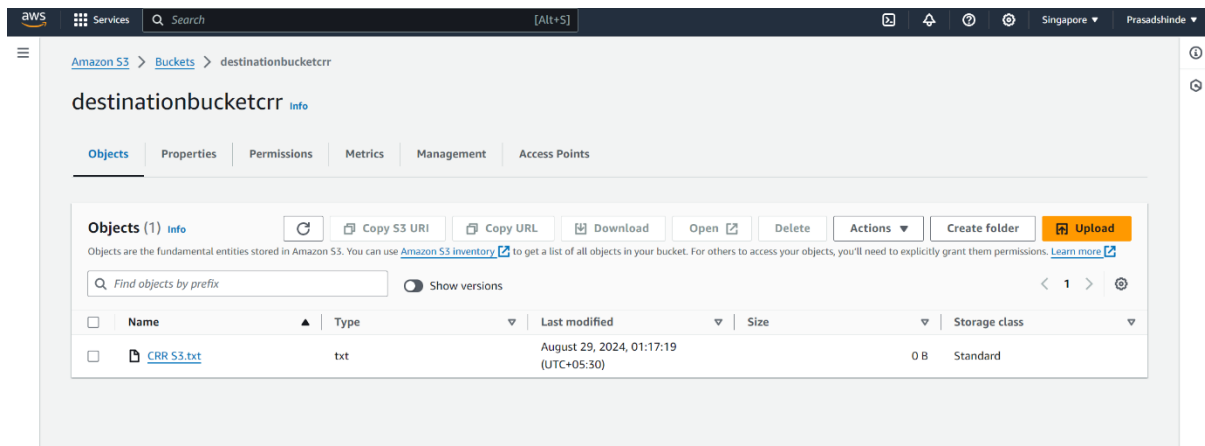
## 4.upload another file in source bucket



The screenshot shows the AWS S3 console interface for the bucket 'awsbucketps09'. The 'Objects' tab is selected, displaying a list of objects. The table includes columns for Name, Type, Version ID, Last modified, Size, and Storage class. Two objects are listed: 'CRR S3.txt' (0 B, Standard) and 's3 text file.txt' (89.0 B, Standard). The 'Upload' button is visible in the top right corner of the object list.

<input type="checkbox"/>	Name	Type	Version ID	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">CRR S3.txt</a>	txt	eweTT0gNyg rM4S6aVIH0 MxrQPVTwPX 95	August 29, 2024, 01:14:49 (UTC+05:30)	0 B	Standard
<input type="checkbox"/>	<a href="#">s3 text file.txt</a>	txt	NWAWAWbD sXg2BxTqHvi EmaxjRx6PiG Q6 XZfcUcmale7	August 29, 2024, 00:51:50 (UTC+05:30)	89.0 B	Standard

## 5.Replication rule is applied to destination bucket



The screenshot shows the AWS S3 console interface for the bucket 'destinationbucketcrr'. The 'Objects' tab is selected, displaying a list of objects. The table includes columns for Name, Type, Last modified, Size, and Storage class. One object is listed: 'CRR S3.txt' (0 B, Standard). The 'Upload' button is visible in the top right corner of the object list.

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">CRR S3.txt</a>	txt	August 29, 2024, 01:17:19 (UTC+05:30)	0 B	Standard