

## Problem Statement:

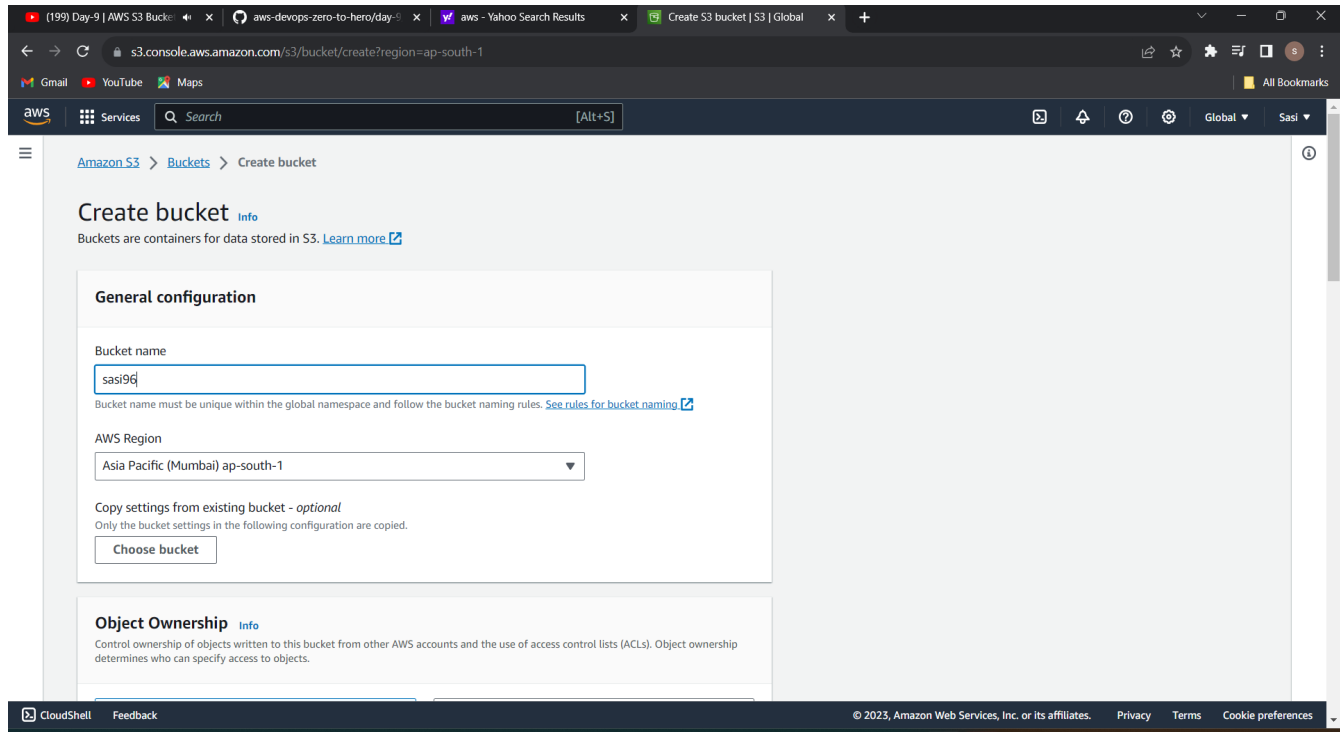
You work for XYZ Corporation. Their application requires a storage service that can store files and

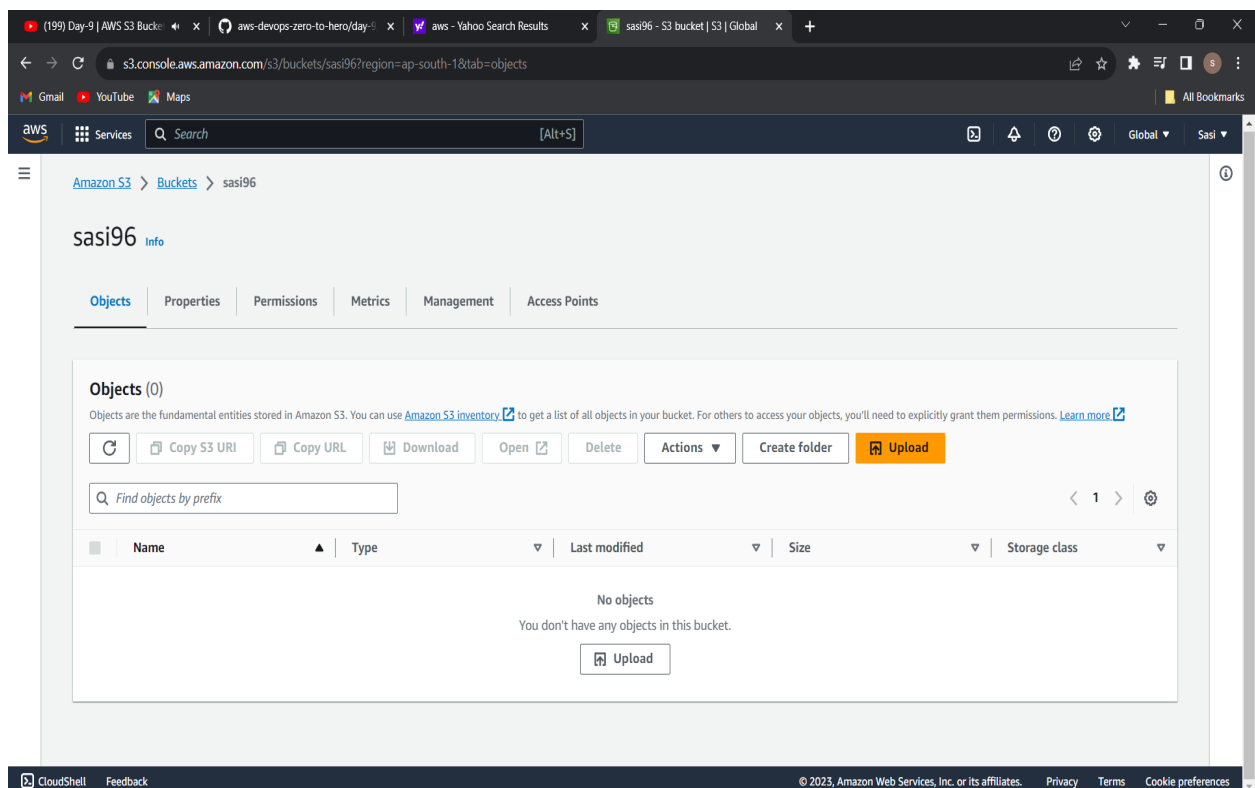
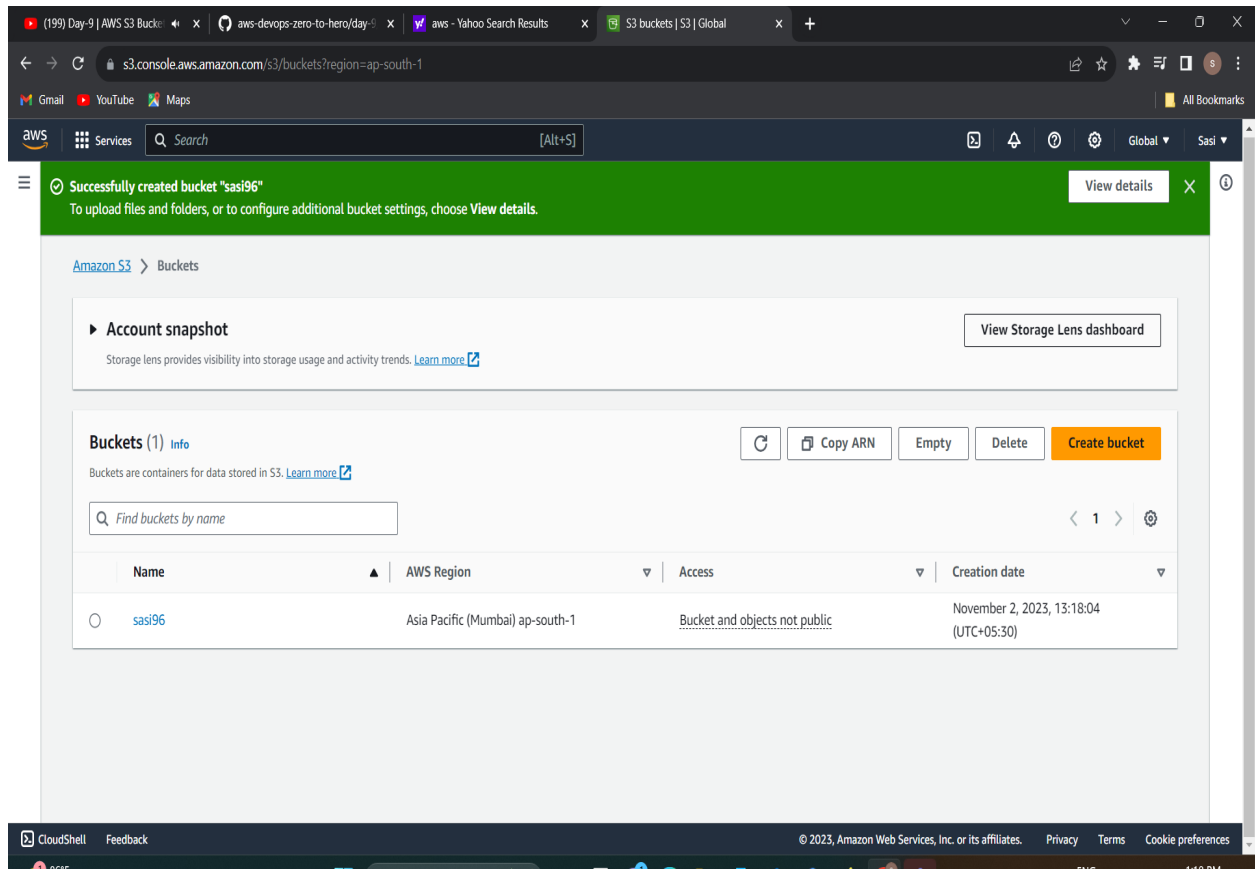
publicly share them if required. Implement S3 for the same.

## Tasks To Be Performed:

1. Enable versioning for the bucket created in task 1.
2. Re-upload any 2 files already uploaded to verify if versioning works.

## WEBSITE HOSTING





(199) Day-9 | AWS S3 Buckets | x aws-devops-zero-to-hero/day-9 x aws - Yahoo Search Results x Upload objects - S3 bucket sasi96 x +

s3.console.aws.amazon.com/s3/upload/sasi96?region=ap-south-1

Upload succeeded  
View details below.

The information below will no longer be available after you navigate away from this page.

### Summary

Destination s3://sasi96	Succeeded 1 file, 3.0 MB (100.00%)	Failed 0 files, 0 B (0%)
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Files and folders | Configuration

### Files and folders (1 Total, 3.0 MB)

Find by name

Name	Folder	Type	Size	Status	Error
IAM Roles.pdf	-	application/pdf	3.0 MB	Succeeded	-

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(199) Day-9 | AWS S3 Buckets | x aws-devops-zero-to-hero/day-9 x aws - Yahoo Search Results x sasi96 - S3 bucket | S3 | Global x +

s3.console.aws.amazon.com/s3/buckets/sasi96?region=ap-south-1&tab=objects

Amazon S3 > Buckets > sasi96

## sasi96

Objects | Properties | Permissions | Metrics | Management | Access Points

### Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

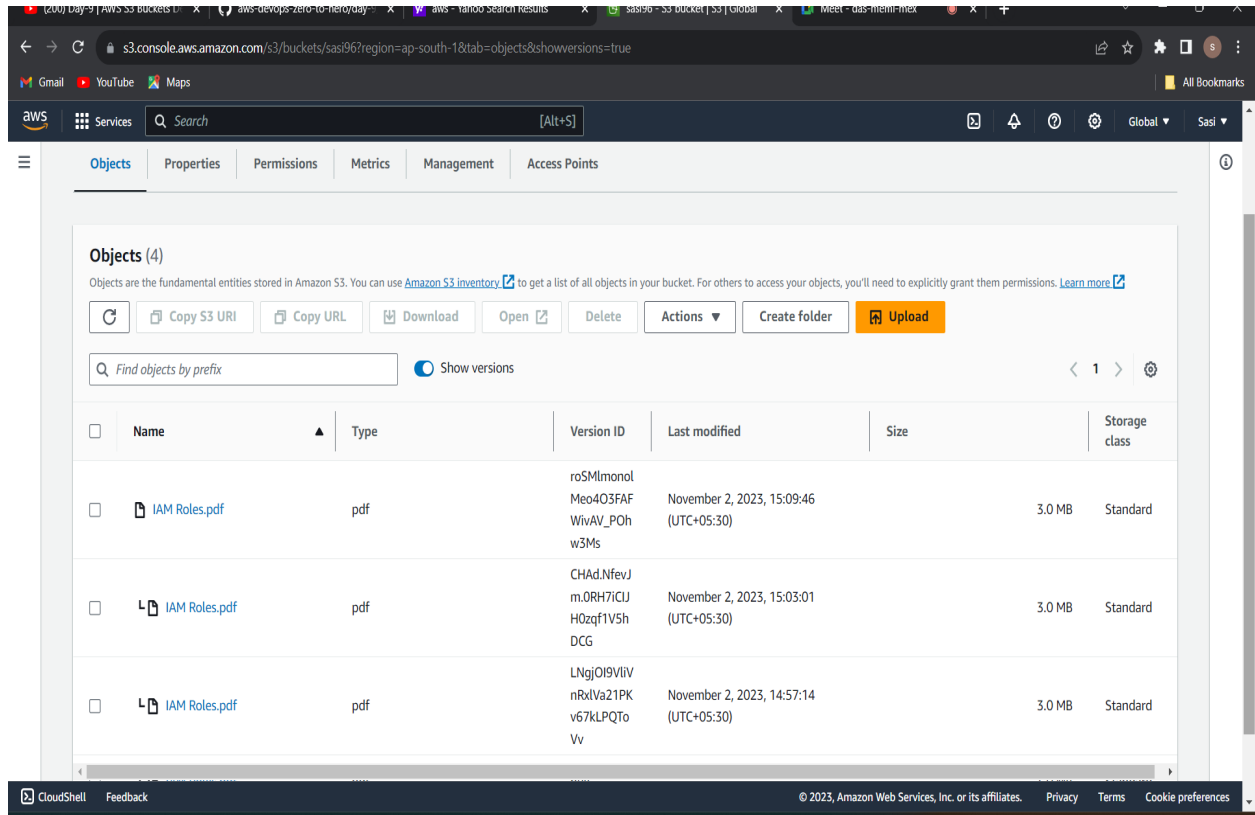
Copy S3 URI Copy URL Download Open Delete Actions Create folder Upload

Find objects by prefix

Name	Type	Last modified	Size	Storage class
IAM Roles.pdf	pdf	November 2, 2023 (UTC+05:30)	3.0 MB	Standard

- Download as
- Share with a presigned URL
- Calculate total size
- Copy
- Move
- Initiate restore
- Query with S3 Select
- Edit actions
- Rename object
- Edit storage class

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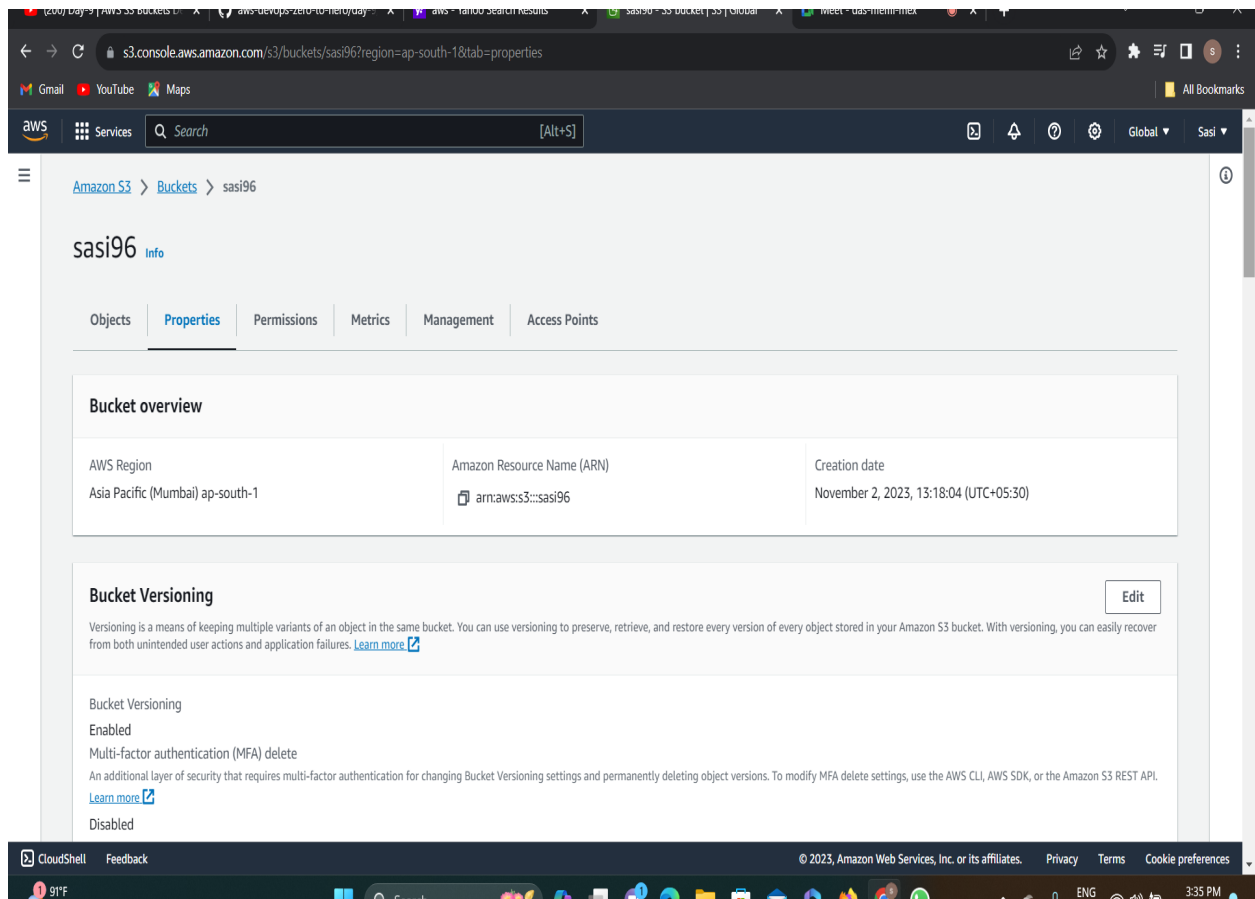
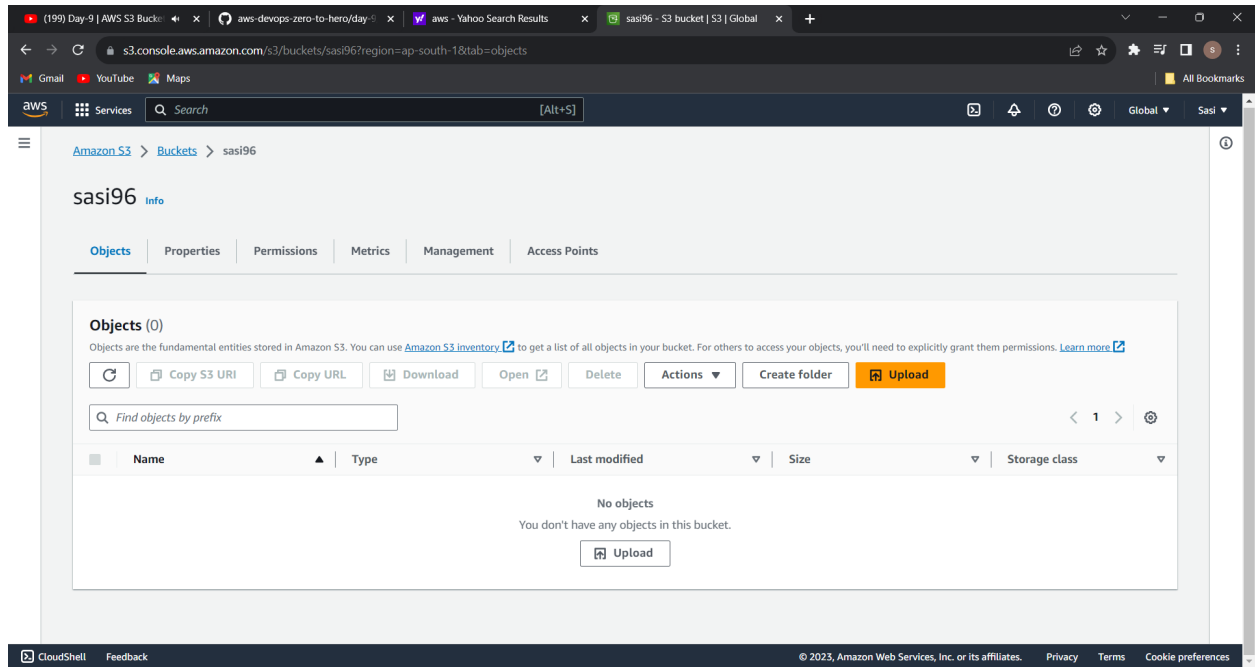


### Problem Statement:

You work for XYZ Corporation. Their application requires a storage service that can store files and publicly share them if required. Implement S3 for the same.

### Tasks To Be Performed:

1. Use the created bucket in the previous task to host static websites, upload an index.html file and error.html page.
2. Add a lifecycle rule for the bucket:
  - a. Transition from Standard to Standard-IA in 60 days
  - b. Expiration in 200 days



Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

☒ Host a static website

Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object

Redirect requests to another bucket or domain. [Learn more](#)

For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

Index document

Specify the home or default page of the website.

index.html

sasi96

Objects (3)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Copy S3 URI Copy URL Download Open Delete Actions Create folder Upload

Find objects by prefix Show versions

Name	Type	Last modified	Size	Storage class
error.html	html	November 2, 2023, 16:01:24 (UTC+05:30)	523.0 B	Standard
IAM Roles.pdf	pdf	November 2, 2023, 15:09:46 (UTC+05:30)	3.0 MB	Standard
index.html	html	November 2, 2023, 16:01:25 (UTC+05:30)	133.0 B	Standard

Browser tabs: (200) Day-9 | AWS S3 Buck..., aws-devops-zero-to-hero..., aws - Yahoo Search Results..., sasi96 - S3 bucket | S3 | G..., Meet - das-memi-mex..., welcome page to a websi...

Address bar: s3.console.aws.amazon.com/s3/buckets/sasi96?region=ap-south-1&tab=management

Navigation: Objects | Properties | Permissions | Metrics | **Management** | Access Points

### Lifecycle rules (0)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

Buttons: View details | Edit | Delete | Actions ▾ | **Create lifecycle rule**

Lifecycle rule name	Status	Scope	Current version actions	Noncurrent versions actions	Expired object delete markers	Incomplete multipart uploads
No lifecycle rules						
There are no lifecycle rules for this bucket.						
<b>Create lifecycle rule</b>						

### Replication rules (0)

Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. [Learn more](#)

Buttons: View details | Edit rule | Delete | Actions ▾ | **Create replication rule**

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encrypted objects (SSE-KMS or DSSE-KMS)	Replica modification sync
No replication rules										
You don't have any rules in the replication configuration.										

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Browser tabs: (200) Day-9 | AWS S3 Buck..., aws-devops-zero-to-hero..., aws - Yahoo Search Results..., **Create lifecycle rule - S3 b...**, Meet - das-memi-mex..., welcome page to a websi...

Address bar: s3.console.aws.amazon.com/s3/management/sasi96/lifecycle/create?region=ap-south-1

Navigation: **Create lifecycle rule** Info

### Lifecycle rule configuration

Lifecycle rule name

Up to 255 characters

Choose a rule scope

☐ Limit the scope of this rule using one or more filters

☒ Apply to all objects in the bucket

**⚠ Apply to all objects in the bucket**

If you want the rule to apply to specific objects, you must use a filter to identify those objects. Choose "Limit the scope of this rule using one or more filters". [Learn more](#)

☒ I acknowledge that this rule will apply to all objects in the bucket.

### Lifecycle rule actions

Choose the actions you want this rule to perform. Per-request fees apply. [Learn more](#) or see [Amazon S3 pricing](#)

- ☐ Move current versions of objects between storage classes
- ☐ Move noncurrent versions of objects between storage classes
- ☐ Expire current versions of objects

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