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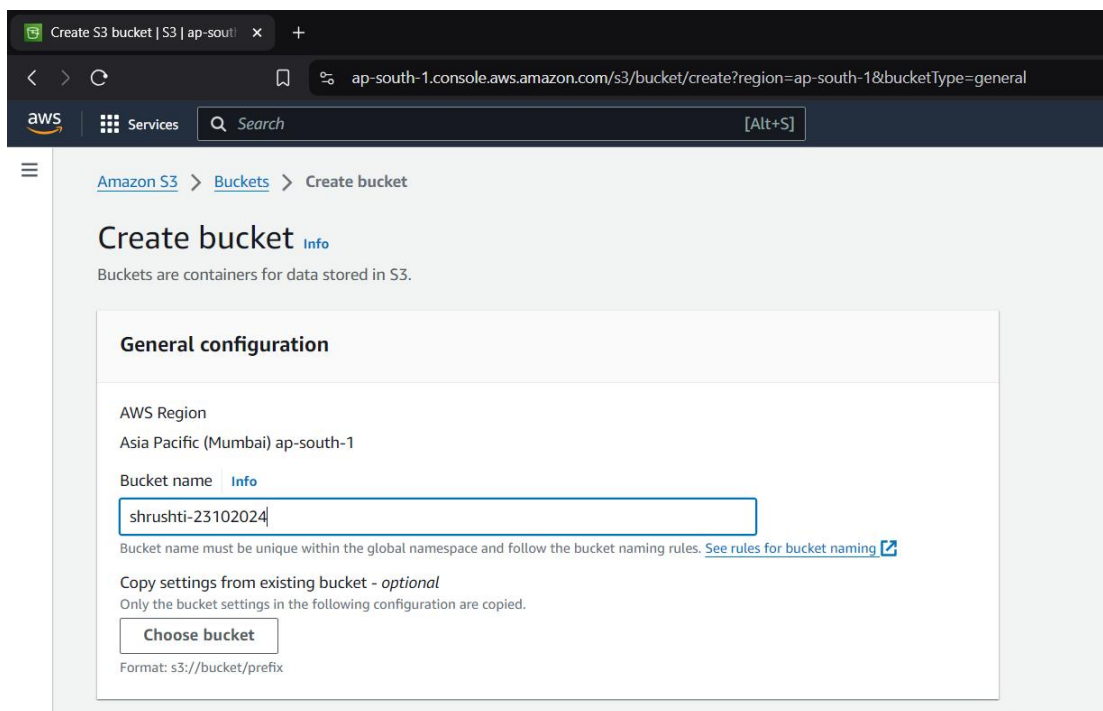**Name of the Student:**   **Shrushti Krishna Shrivastav**   **PRN:**   **20220801024**
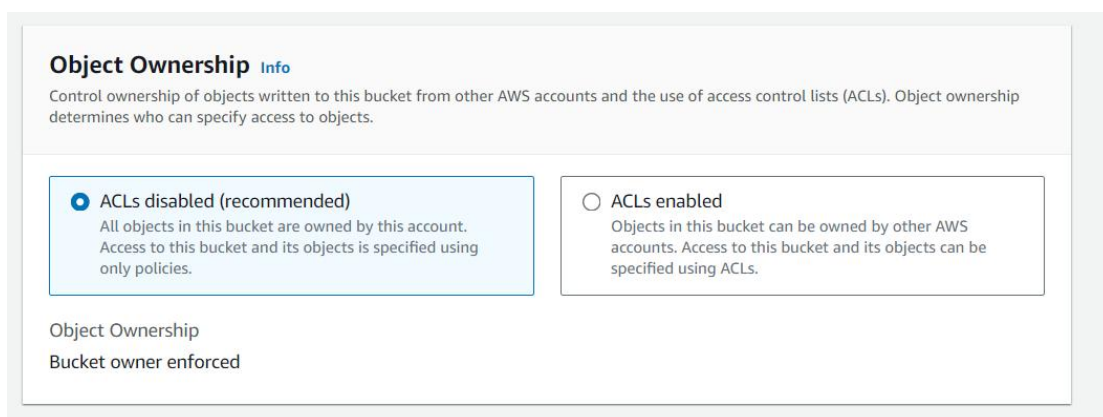
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STEP1: LOG IN and create on bucket

Bucket name must be unique within the globe

ACLs disabled---

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Allow public access---

Disable versioning---

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Encryption type must be SSE-S3 , also enable bucket key

Go to advance setting and ensure object lock is disabled
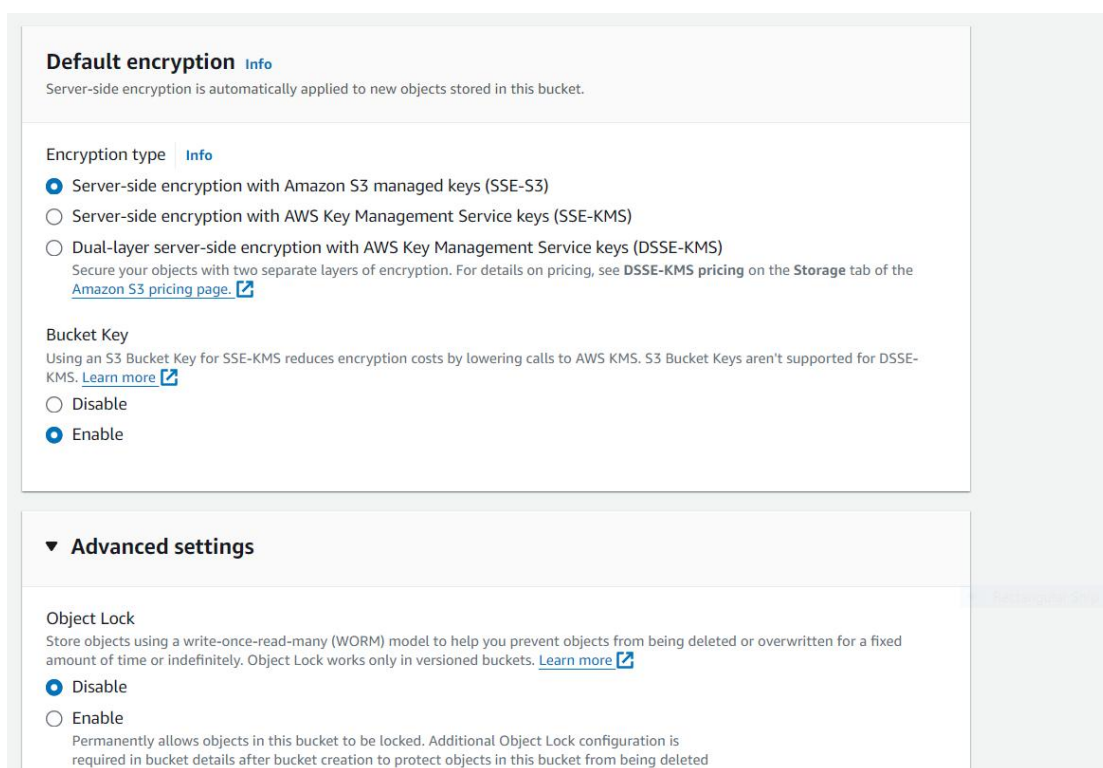
And create the bucket---

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STEP2:Create one folder inside the bucket to upload filesin it---

Now open folder in private window as public access is allowed---

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STEP3:Upload file in that folder

Select 'standard' storage class---

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Upload file--

Additional checksums

○ Off
Amazon S3 will use a combination of MD5 checksums and Etags to verify data integrity.

○ On
Specify a checksum function for additional data integrity validation.

Tags - *optional*
You can use object tags to analyze, manage, and specify permissions for objects. Learn more

No tags associated with this resource.

Add tag

Metadata - *optional*
Metadata is optional information provided as a name-value (key-value) pair. Learn more

No metadata associated with this resource.

Add metadata

Cancel   Upload

Ensure file is successfully uploaded---

Amazon S3 > Buckets > shrushti-23102024 > BCATY-pracs3/

BCATY-pracs3/

Objects   Properties

Objects (1) Info   ⟳   Copy S3 URI   Copy URL   Download

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 ot...

Q Find objects by prefix

	Name	Type	Last modified
☐	📄 Screenshot (699).png	png	October 23, 2024, 11:54:37 (UTC+05:30)

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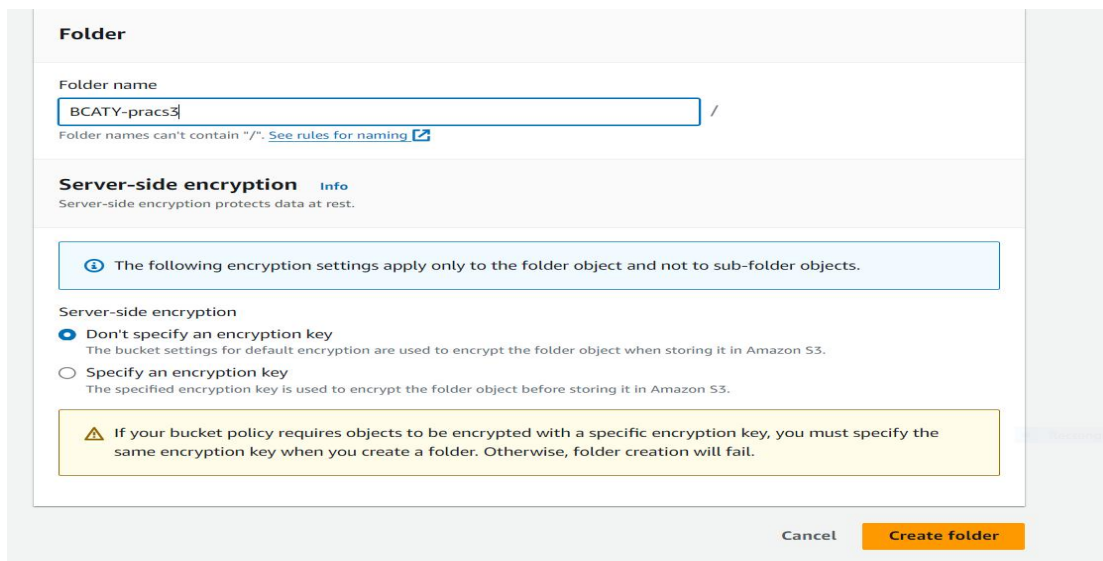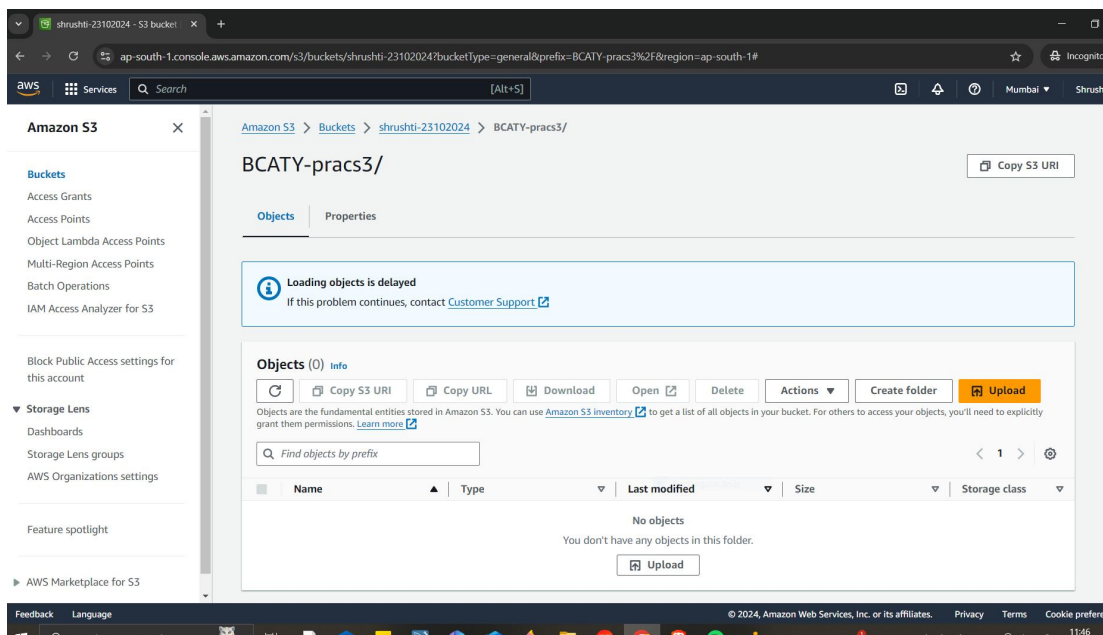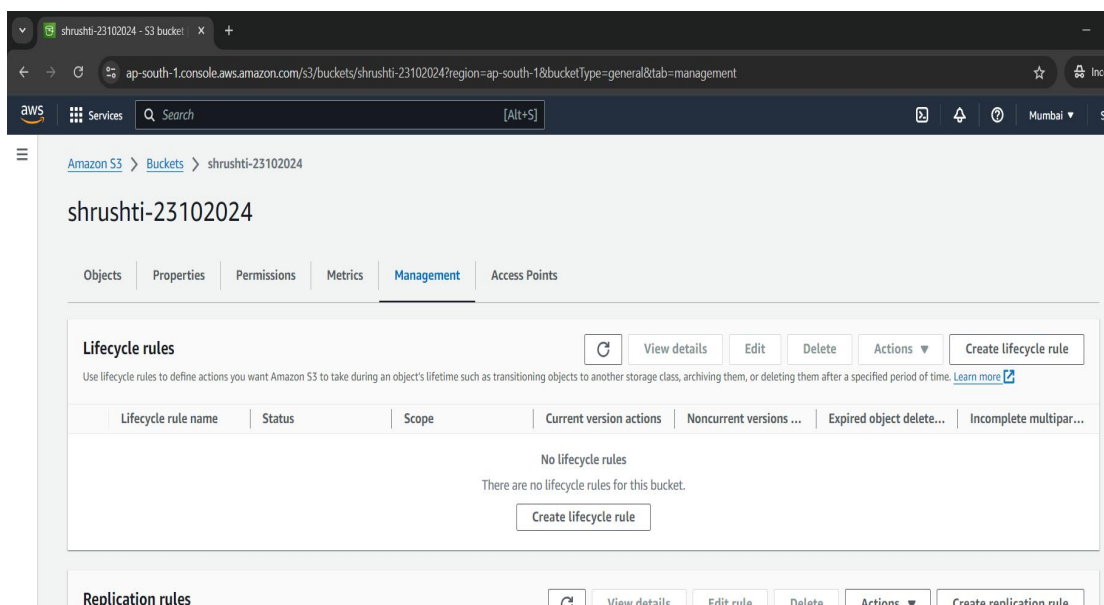## Subject : Infrastructure Orchestration (P)

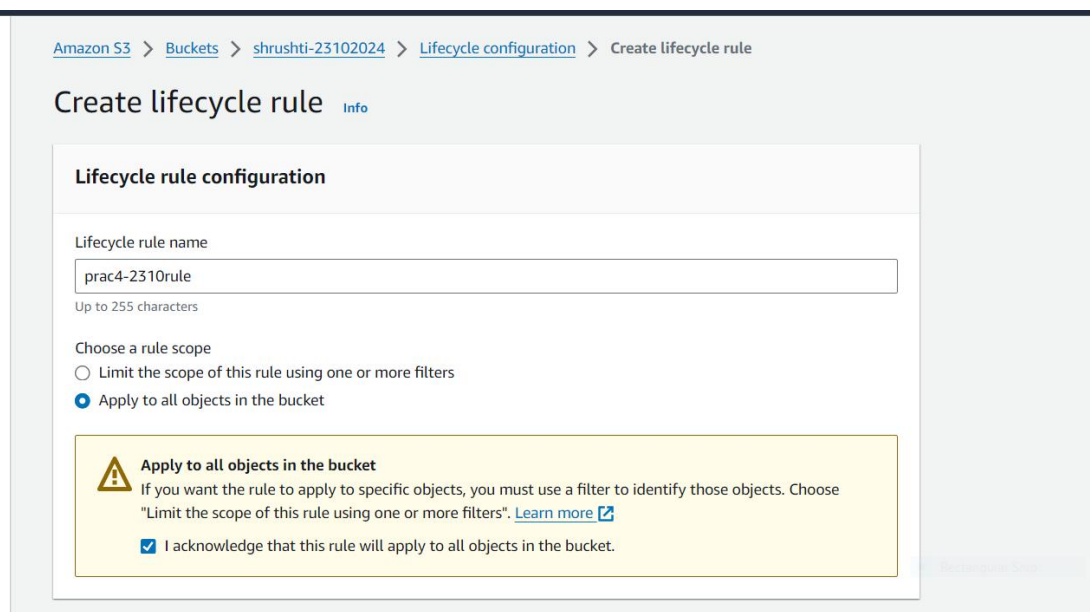**Name of the Student:** **Shrushti Krishna Shrivastav** **PRN:** **20220801024**

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STEP4:Go to 'management' option of bucket and create lifecycle rule

Name the rule and apply to all object in bucket---

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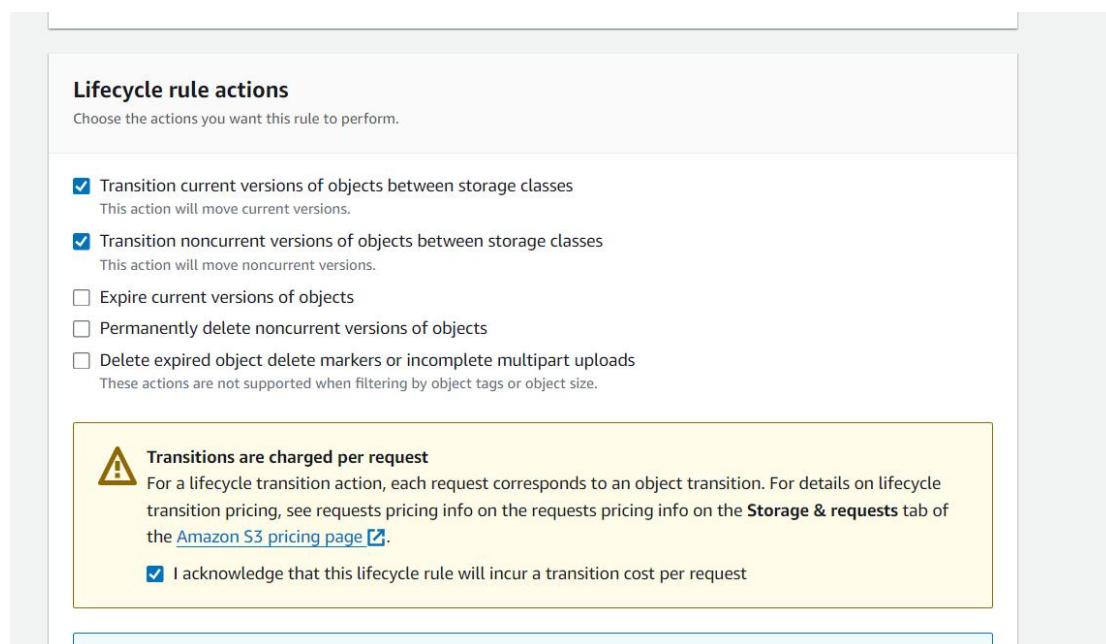
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Lifecycle action:

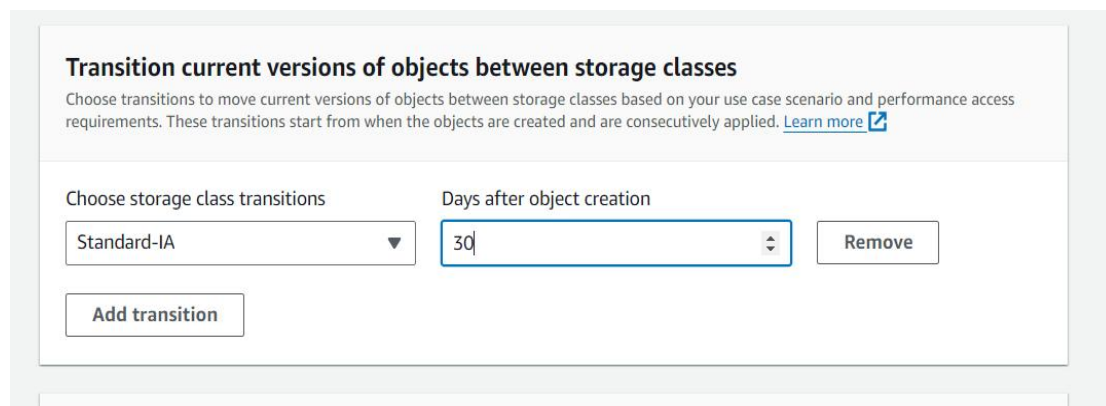select current and noncurrent version transition between storage class--

Lifecycle rule actions
Choose the actions you want this rule to perform.

- ☑ Transition current versions of objects between storage classes
  This action will move current versions.
- ☑ Transition noncurrent versions of objects between storage classes
  This action will move noncurrent versions.
- ☐ Expire current versions of objects
- ☐ Permanently delete noncurrent versions of objects
- ☐ Delete expired object delete markers or incomplete multipart uploads
  These actions are not supported when filtering by object tags or object size.

⚠ **Transitions are charged per request**
For a lifecycle transition action, each request corresponds to an object transition. For details on lifecycle transition pricing, see requests pricing info on the requests pricing info on the **Storage & requests** tab of the Amazon S3 pricing page ↗.

☑ I acknowledge that this lifecycle rule will incur a transition cost per request

For **current version**:

Transition current versions of objects between storage classes
Choose transitions to move current versions of objects between storage classes based on your use case scenario and performance access requirements. These transitions start from when the objects are created and are consecutively applied. Learn more ↗

Choose storage class transitions   Days after object creation

Standard-IA   ▼   30   ⬍   Remove

Add transition

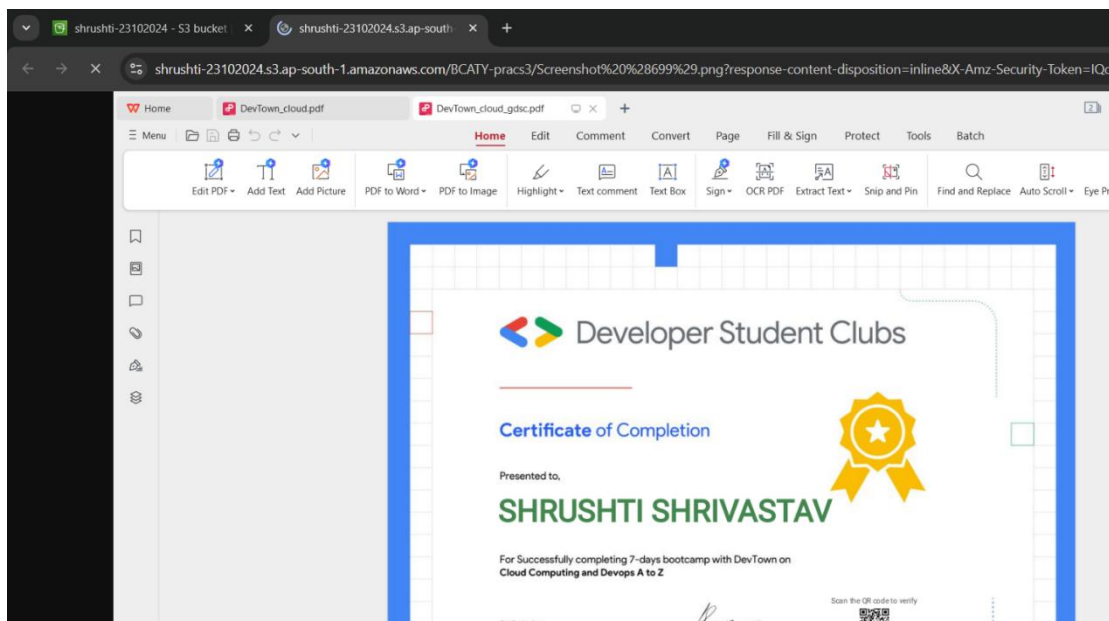![D Y Patil International University Akurdi Pune logo]

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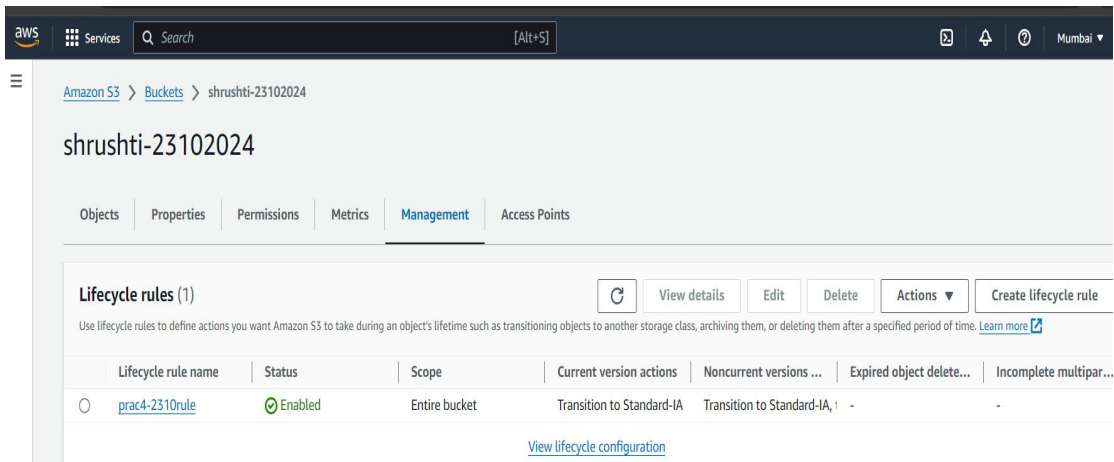**Name of the Student:**   **Shrushti Krishna Shrivastav**   **PRN: 20220801024**
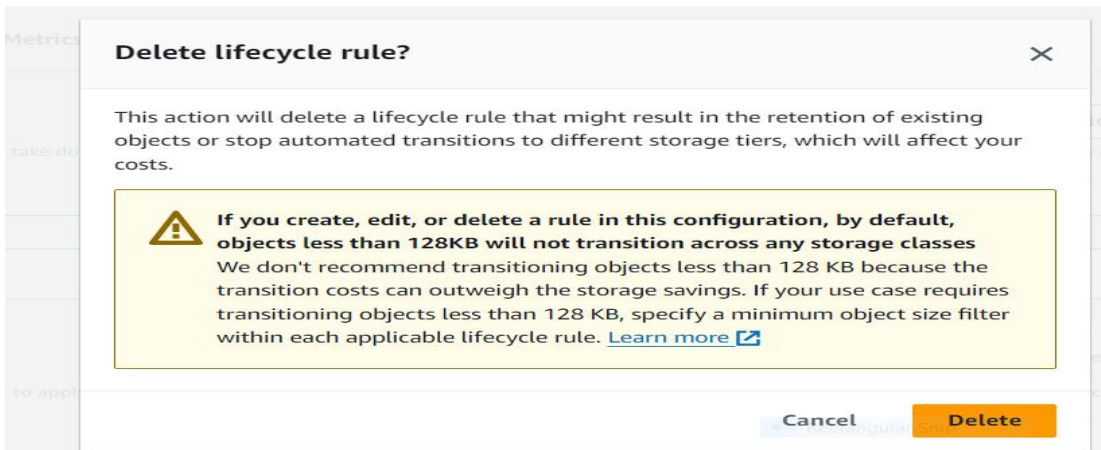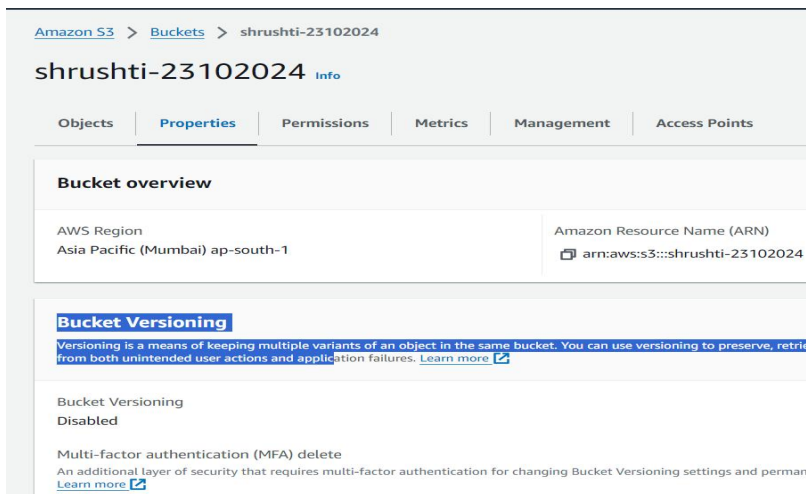
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For **noncurrent version**:

No further changes , create rule---

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Check the uploaded file--

This file will take given number of days for transition among different storage class.

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STEP5:Delete the lifecycle

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STEP6: edit versioning

Got to properties of bucket and edit versioning

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Cross check if its enabled
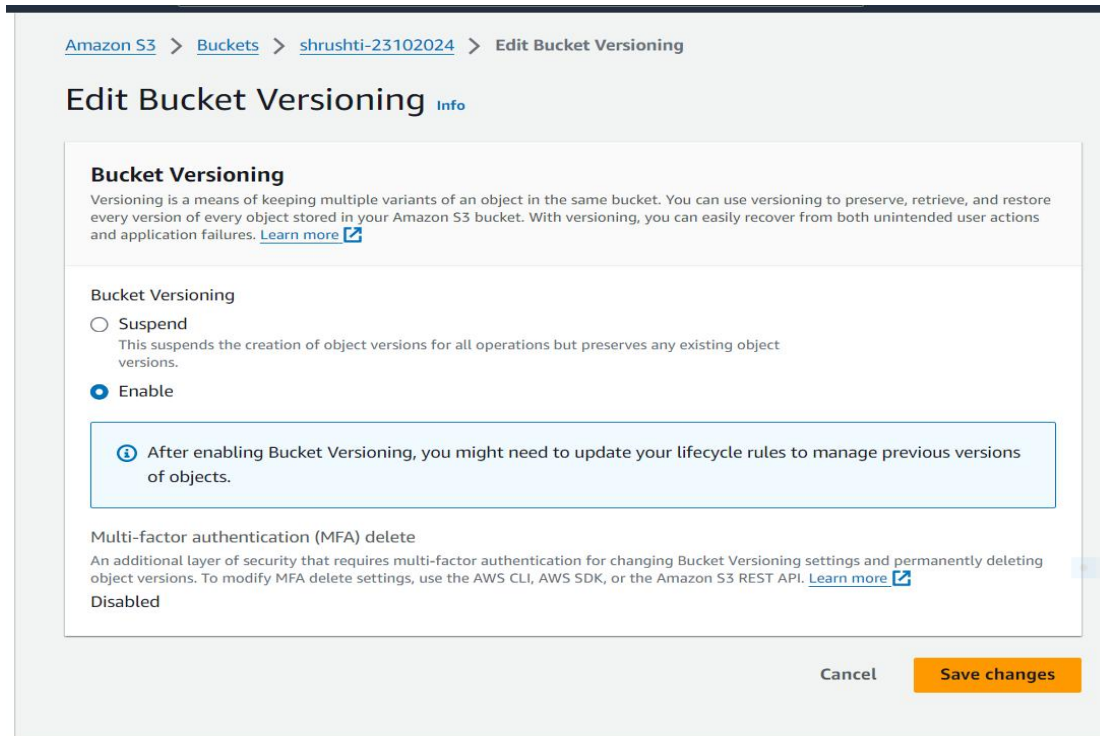
Bucket Versioning

Versioning is a means of keeping multiple variants of an object in
from both unintended user actions and application failures. Learr

Bucket Versioning

Enabled

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authenti
Learn more 🔼

Disabled

Now upload same file which was previously uploaded

Amazon S3 > Buckets > shrushti-23102024 > BCATY-pracs3/ > Upload

Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. Learn more 🔼

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (1 Total, 445.0 KB)   Remove   Add files   Add folder

All files and folders in this table will be uploaded.

🔍 Find by name   〈 1 〉

☐	Name ▽	Folder	▽	Type
☐	Screenshot (699).png	-		image/png

Destination Info

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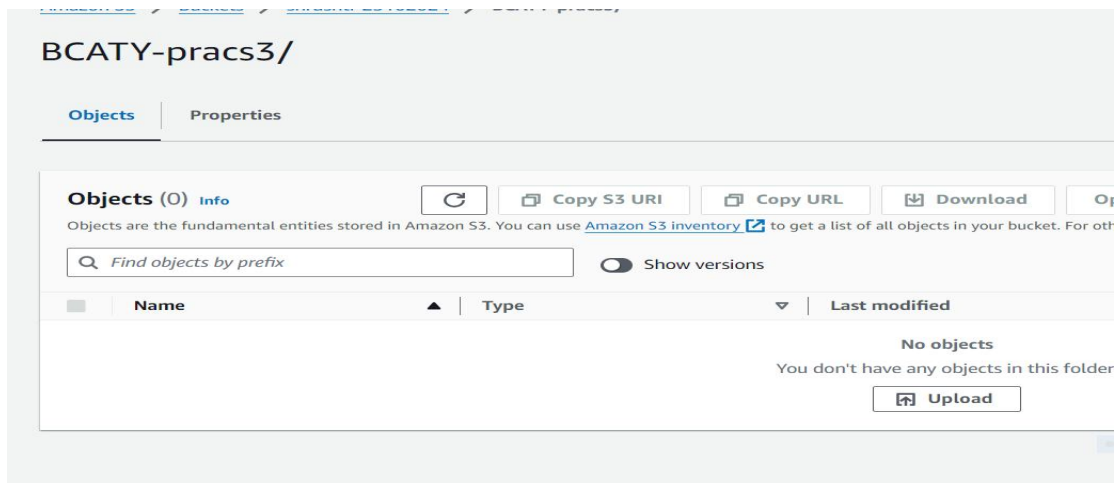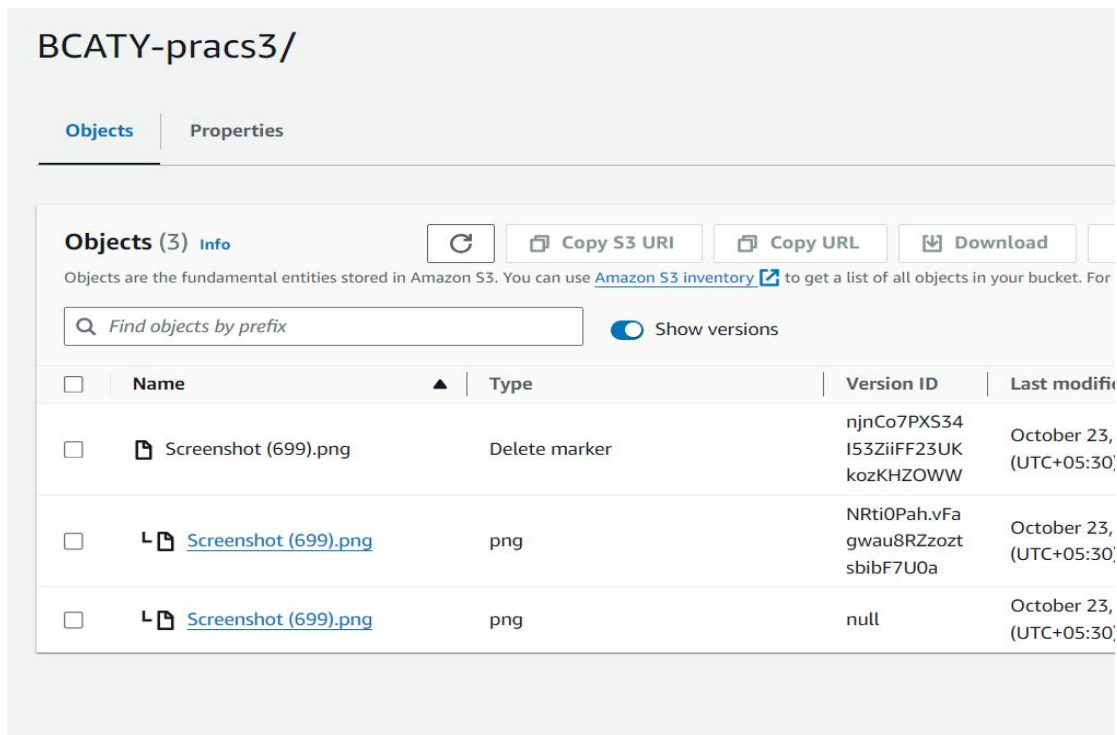Go to objects and check if the 'show versions' is off:

Turn on the 'show versions':

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Again turn off the versions and delete the file which is visible--

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After deletion object won't be visible

Now turn-on the versions---

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Now permanently delete the object

Check again after deletion (turn off the versions):

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After permanent deletion its restored--

Empty bucket and delete--

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Delete the bucket---