

8. Create and Configure Amazon Glacier.

Step1: To configure Glacier with following task.

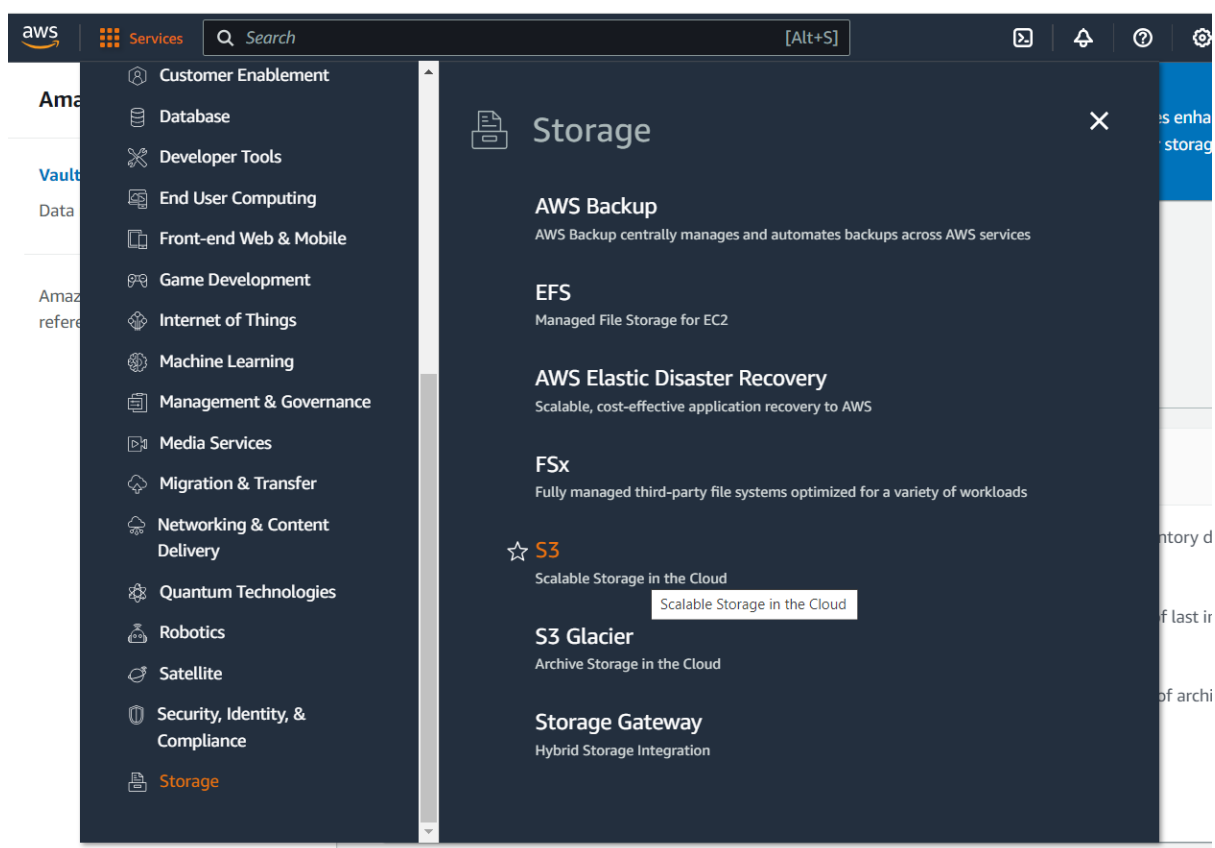
Transfer files from S3 to Glacier Note: Amazon does not allow files to be directly loaded on Glacier. Use S3 or third-party tools to archive or restore.

1. Using S3 bucket & S3 lifecycle permission to archive in Glacier

Select S3 bucket [refer S3 topics how to create bucket and upload files]

Select the bucket,

Go to management Click on LifeCycle



Buckets (4) [Info](#)

↺

Copy ARN

Empty

Delete

Create bucket

Buckets are containers for data stored in S3. [Learn more](#)

🔍

Find buckets by name

<

1

>

⚙️

	Name ▲	AWS Region ▼	Access ▼	Creation date ▼
<input type="radio"/>	csealpha	US East (N. Virginia) us-east-1	<u>Bucket and objects not public</u>	October 6, 2023, 12:05:19 (UTC+05:30)
<input type="radio"/>	meucsesabitha	US East (N. Virginia) us-east-1	<u>Bucket and objects not public</u>	October 3, 2023, 10:28:43 (UTC+05:30)
<input type="radio"/>	sabitha	US East (N. Virginia) us-east-1	<u>Bucket and objects not public</u>	October 5, 2023, 12:07:42 (UTC+05:30)
<input type="radio"/>	sabithabeta	US East (N. Virginia) us-east-1	<u>Bucket and objects not public</u>	October 10, 2023, 11:24:35 (UTC+05:30)

[Amazon S3](#) > [Buckets](#) > meucesabitha

meucesabitha

Info

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

Show versions

1

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	sabitha/	Folder	-	-	-

[Amazon S3](#) > [Buckets](#) > meucesabitha

meucesabitha

[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](#)

[↻](#) [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.						
Create lifecycle rule						

Click on Add rule

Give rule name,click on apply to all objects

[Amazon S3](#) > [Buckets](#) > [meucesabitha](#) > [Lifecycle configuration](#) > Create lifecycle rule

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.

Under Lifecycle rules Select Choose Rule actions→ move current versions of objects between storage classes,

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

☐ 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.

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

Standard-IA ▼

Days after object creation

30 ▼

Remove

Add transition

Review transition and expiration actions

Verify storage class is Standard-IA

SELECT DAYS AFTER OBJECT CREATION → 30 DAYS(MIN)

Click on Create Rule

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

Review transition and expiration actions

Current version actions

Noncurrent versions actions

Day 0

• Objects uploaded

↓

Day 30

• Objects move to Standard-IA

Day 0

No actions defined.

Cancel

Create rule

Glacier vault created successfully

🟢 The lifecycle configuration was updated. Lifecycle rule "sabi_valut" was successfully added. It may take some time for the configuration to be updated. Press the refresh button if changes to the rule are not displayed.

Amazon S3 > Buckets > meucsesabitha > Lifecycle configuration

Lifecycle configuration [Info](#)

To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.

Lifecycle rules (1)

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](#)

🔄

View details

Edit

Delete

Actions

Create lifecycle rule

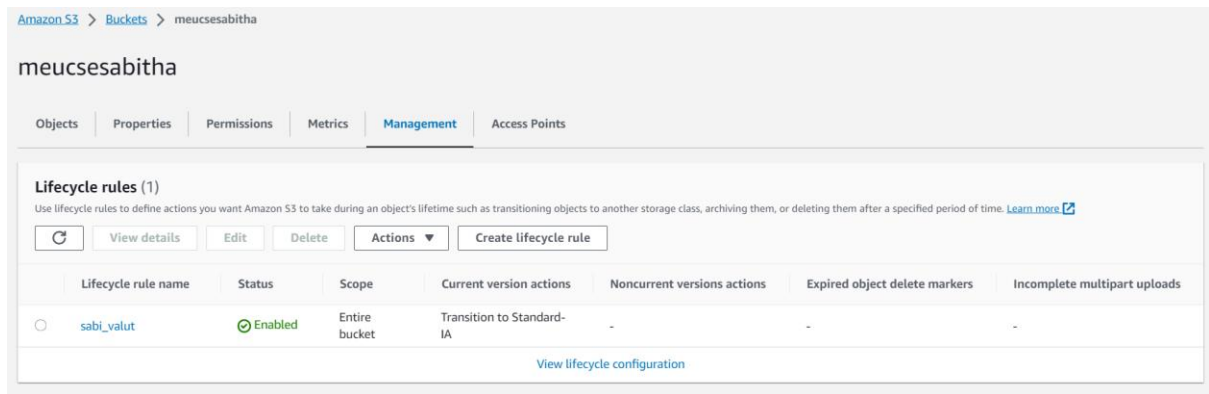
Find lifecycle rules by name

Lifecycle rule name	Status	Scope	Current version actions	Noncurrent versions actions	Expired object delete markers	Incomplete multipart uploads
○ sabi_valut	🟢 Enabled	Entire bucket	Transition to Standard-IA	-	-	-

Verify glacier vault from s3 bucket,

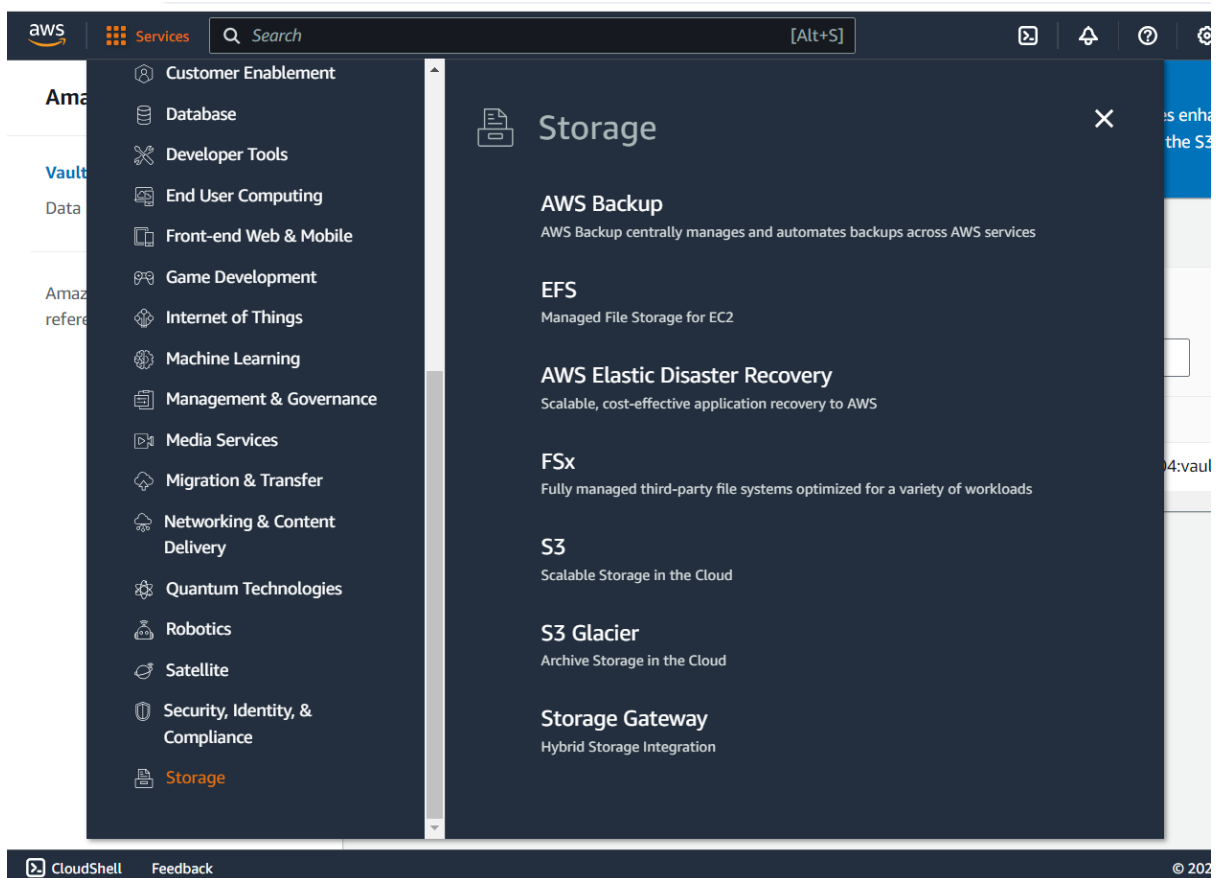
Goto buckets→choose bucket name→management

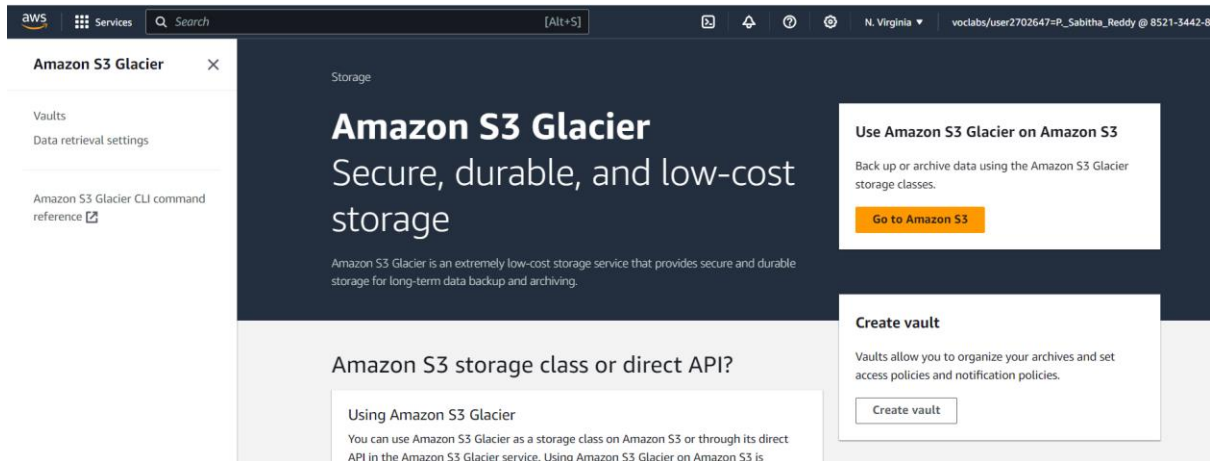
Glacier vault created in life cycle rule.



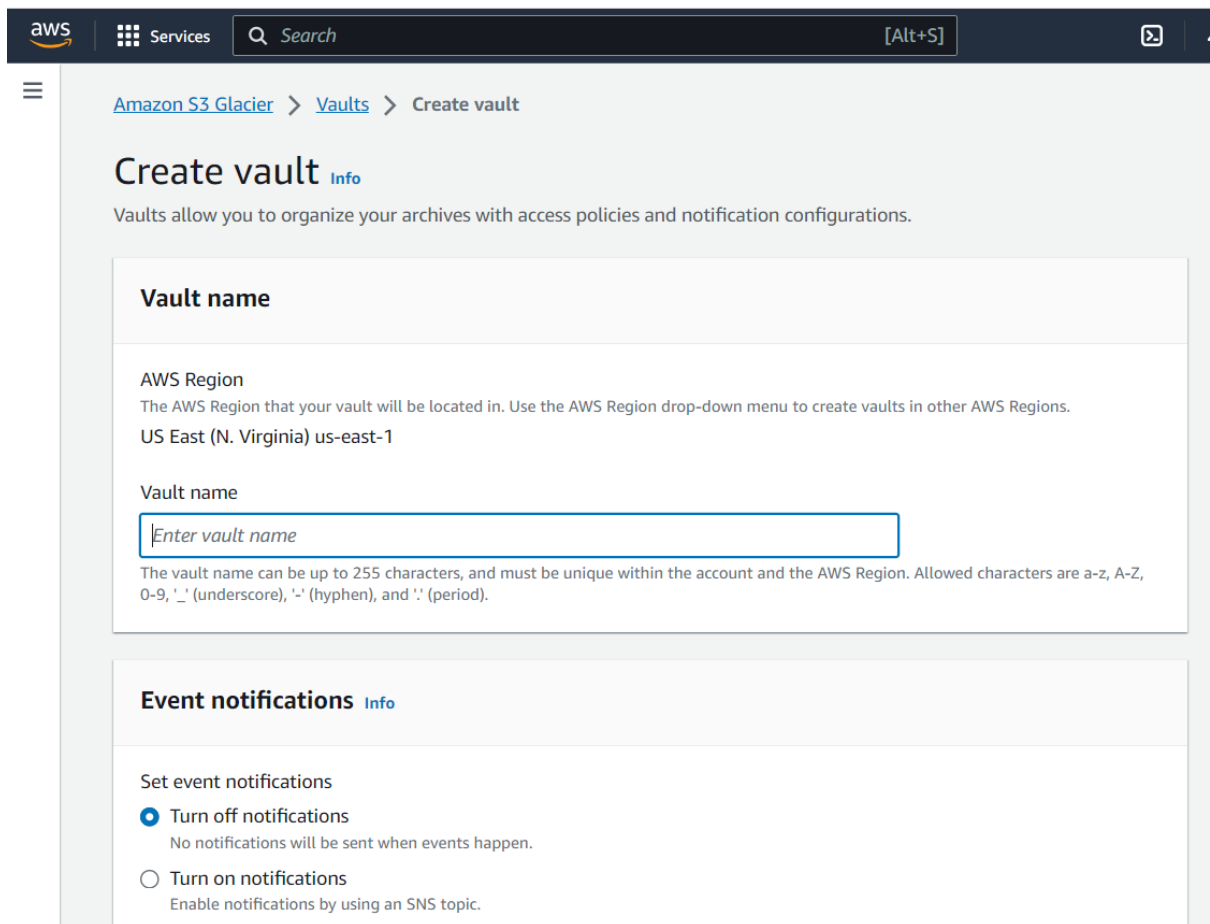
Create glacier vault directly in AWS.

Select storage → select S3 Glacier





Click on create vault→



Enter vault name

Select Turn off Notifications, If you need notifications select Turn on notifications , it will send alert message SNS(SIMPLE NOTIFICATON SERVICE) to mail id or mobile number.

Click on Create vault.

Vault created successfully.

Amazon does not allow files to be directly loaded on Glacier. Use S3 or third party tools to archive or restore.

