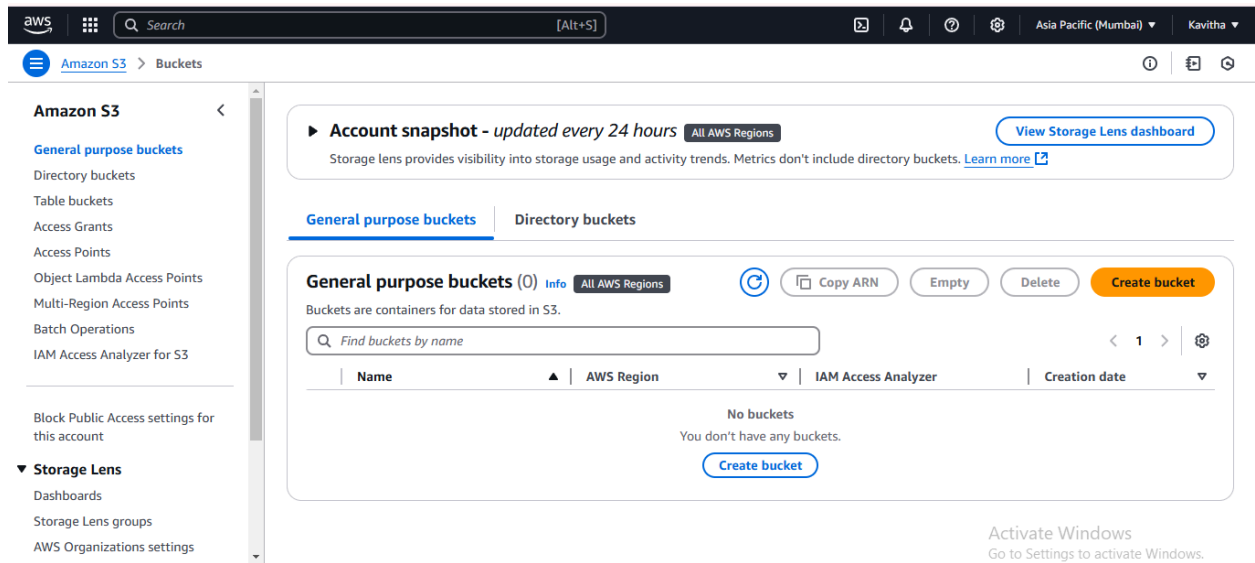


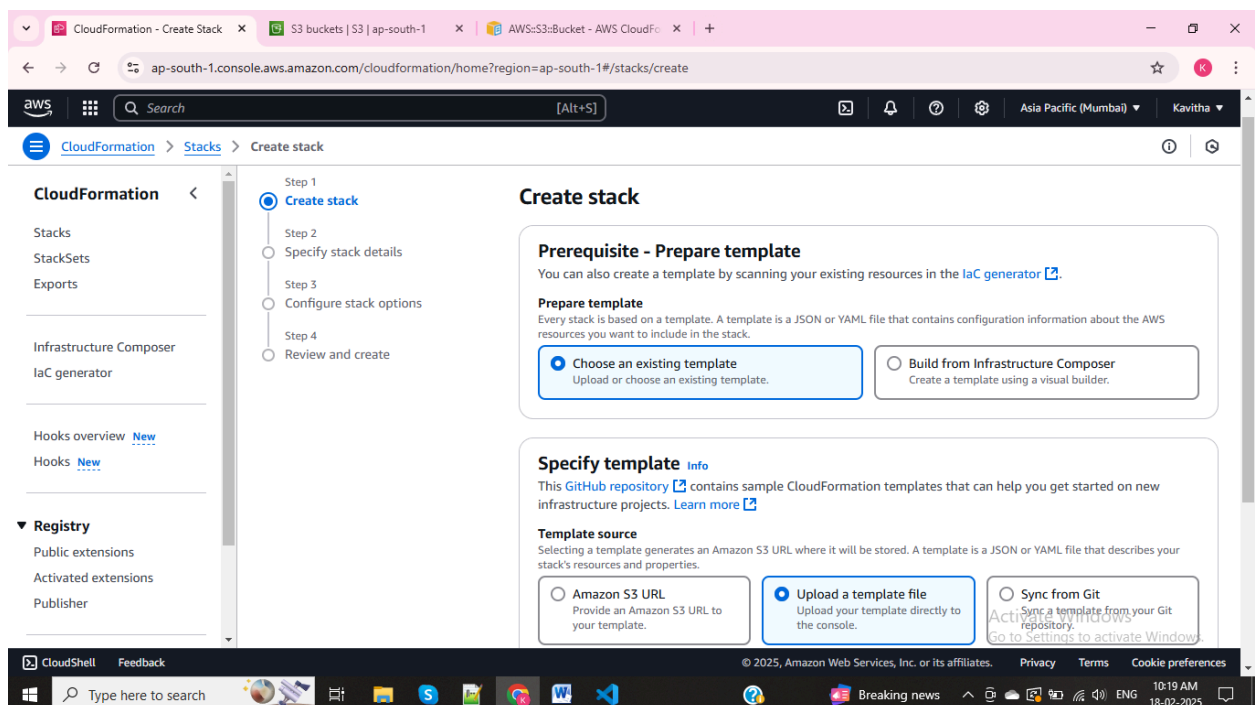
CloudFormation Template

TASK : Creating S3 Bucket with customized name and enable version configuration using Cloud formation template.

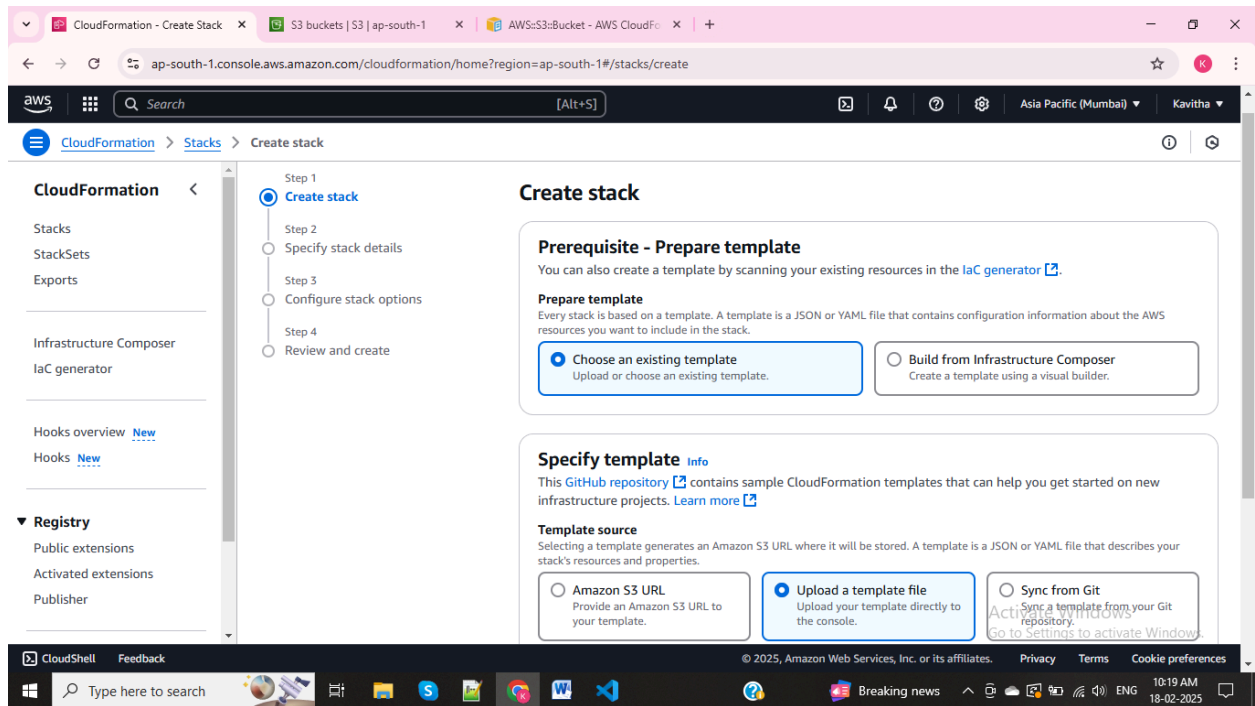
Before creating, Verify Amazon S3 dashboard was empty



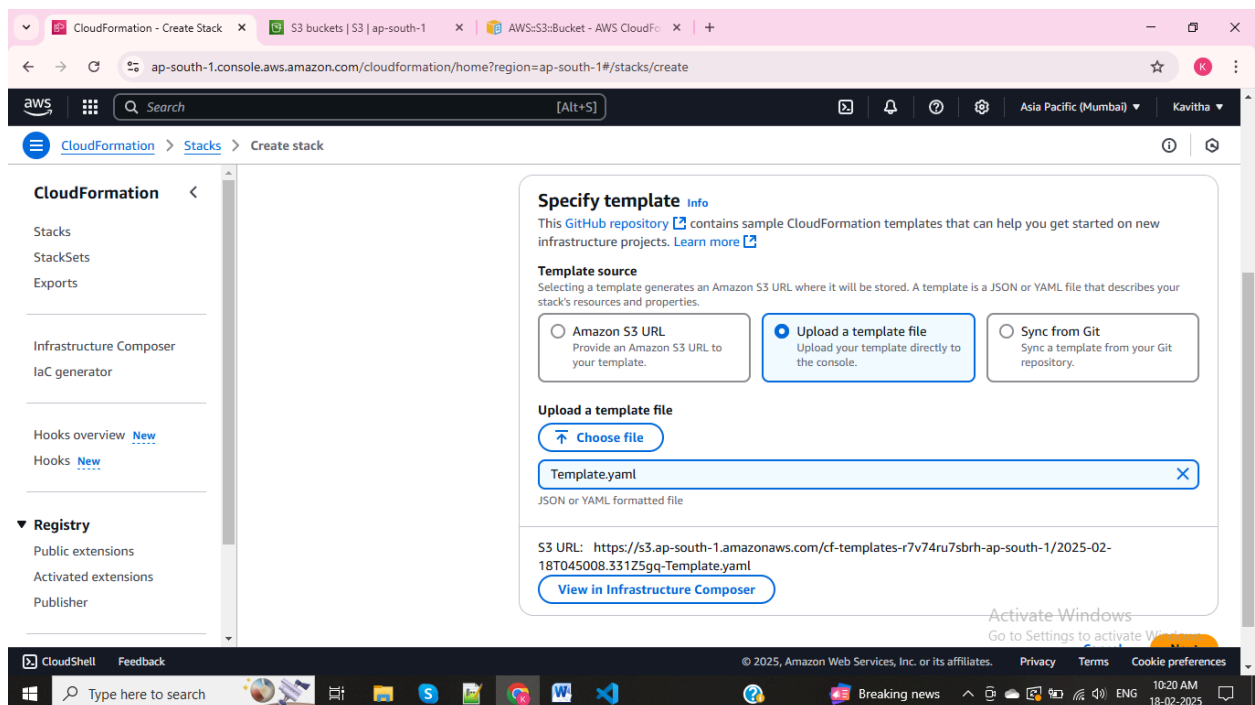
Go to CloudFormation Template --> Choose an existing template



Specify the template --> choose upload a template file



Yaml file was created and saved in local and that file was successfully uploaded in Cloud formation template --> Next



In stack details provide stack name --> Next

CloudFormation - Create Stack x S3 buckets | S3 | ap-south-1 x AWS:S3::Bucket - AWS CloudFo x +

ap-south-1.console.aws.amazon.com/cloudformation/home?region=ap-south-1#/stacks/create

aws Search [Alt+S] Asia Pacific (Mumbai) Kavitha

CloudFormation > Stacks > Create stack

CloudFormation <

- Stacks
- StackSets
- Exports

Infrastructure Composer
IaC generator

Hooks overview [New](#)
Hooks [New](#)

▼ Registry

- Public extensions
- Activated extensions
- Publisher

Step 1 Create stack

Step 2 Specify stack details

Step 3 Configure stack options

Step 4 Review and create

Specify stack details

Provide a stack name

Stack name

S3-bucket

Stack name must be 1 to 128 characters, start with a letter, and only contain alphanumeric characters. Character count: 9/128.

Parameters

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

No parameters

There are no parameters defined in your template.

[Cancel](#) [Previous](#) [Next](#)

Activate Windows
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CloudShell Feedback

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Breaking news 10:20 AM 18-02-2025

Stack Created successfully

Stacks | CloudFormation | ap-south-1 x S3 buckets | S3 | ap-south-1 x AWS:S3::Bucket - AWS CloudFo x Connect EC2 Windows RDP x +

ap-south-1.console.aws.amazon.com/cloudformation/home?region=ap-south-1#/stacks?filteringText=&filteringStatus=active&viewNested=true

aws Search [Alt+S] Asia Pacific (Mumbai) Kavitha

CloudFormation > Stacks

CloudFormation <

- Stacks
- StackSets
- Exports

Infrastructure Composer
IaC generator

Hooks overview [New](#)
Hooks [New](#)

▼ Registry

- Public extensions
- Activated extensions
- Publisher

Stacks (1)

[Delete](#) [Update](#) [Stack actions](#) [Create stack](#)

Filter by stack name

Filter status: Active View nested

Stack name	Status	Created time	Description
S3-bucket	UPDATE_COMPLETE	2025-02-18 10:21:07 UTC+0530	-

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BSE smlcap -1.38% 10:24 AM 18-02-2025

Now, Go to S3 --> S3 bucket was created with given name

Amazon S3 > Buckets

Account snapshot - updated every 24 hours All AWS Regions [View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. [Learn more](#)

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
cf-templates-r7v74ru7sbrh-ap-south-1	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	February 18, 2025, 10:20:08 (UTC+05:30)
kavi1123	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	February 18, 2025, 10:23:54 (UTC+05:30)

Activate Windows
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Output of Bucket versioning is enabled

Amazon S3 > Buckets > kavi1123

kavi1123 Info

Objects **Properties** Permissions Metrics Management Access Points

Bucket overview

AWS Region
Asia Pacific (Mumbai) ap-south-1

Amazon Resource Name (ARN)
[arn:aws:s3::kavi1123](#)

Creation date
February 18, 2025, 10:23:54 (UTC+05:30)

Bucket Versioning [Edit](#)

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

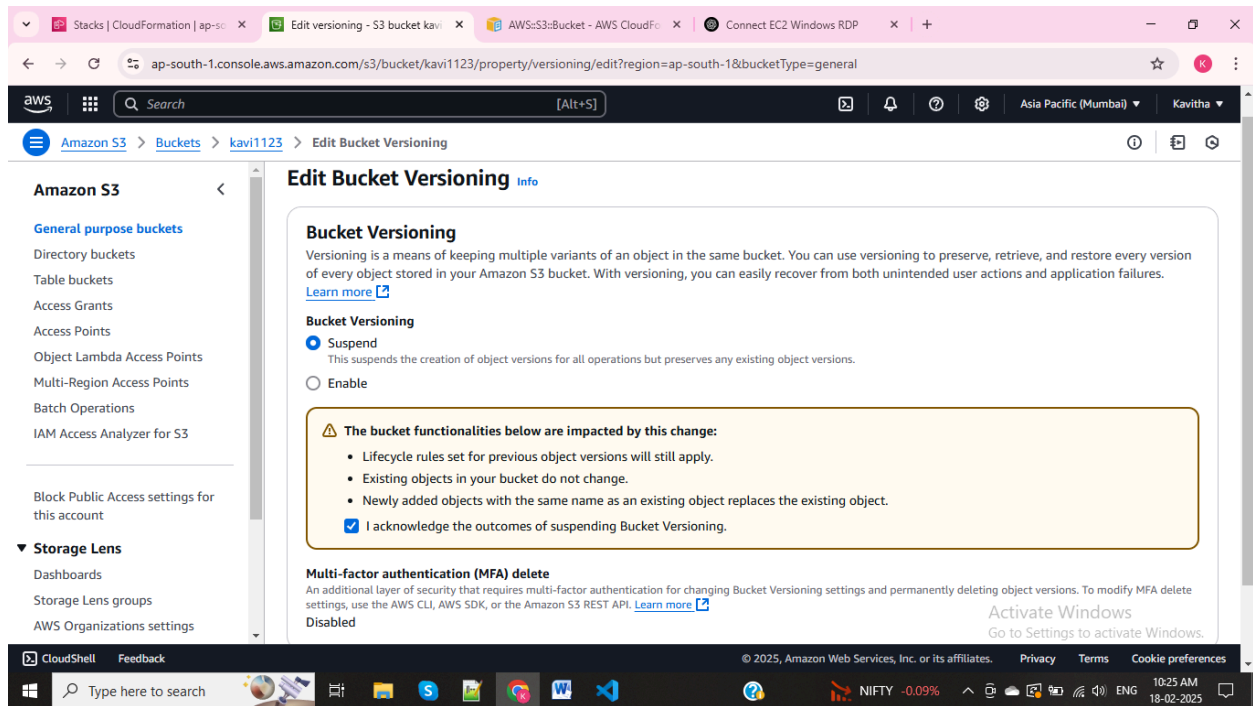
Bucket Versioning
Enabled

Multi-factor authentication (MFA) delete
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

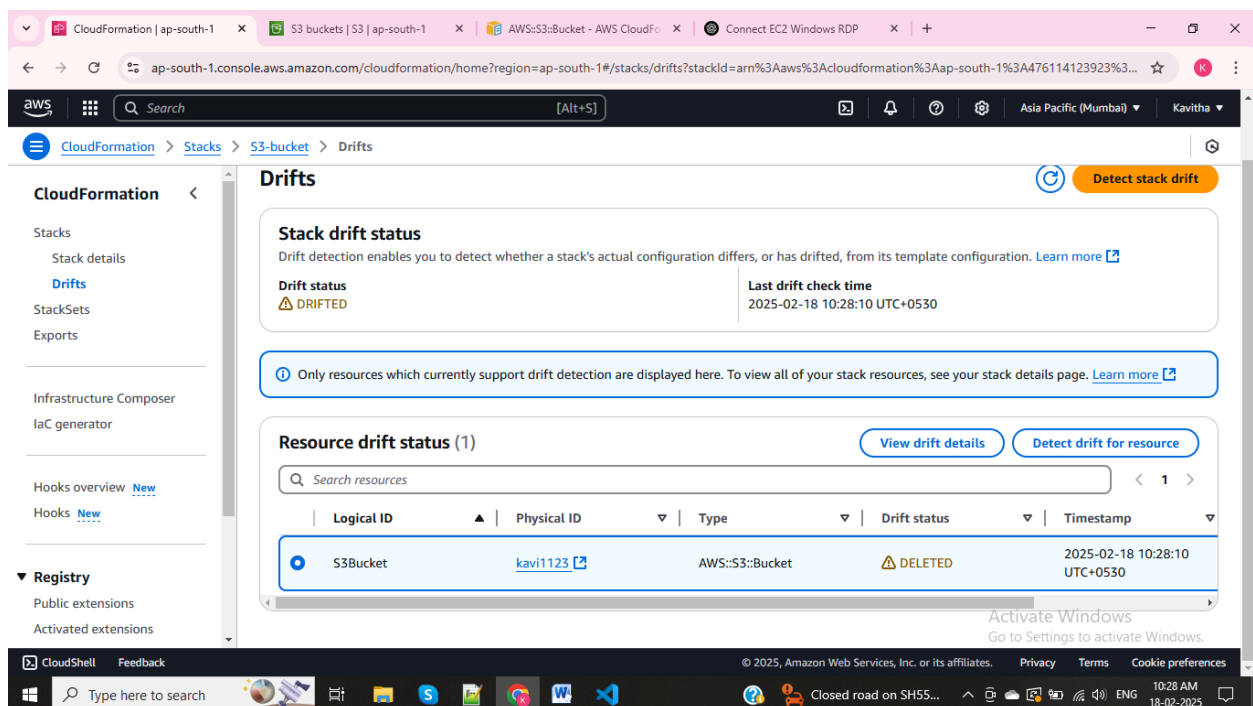
Disabled

Activate Windows
Go to Settings to activate Windows.

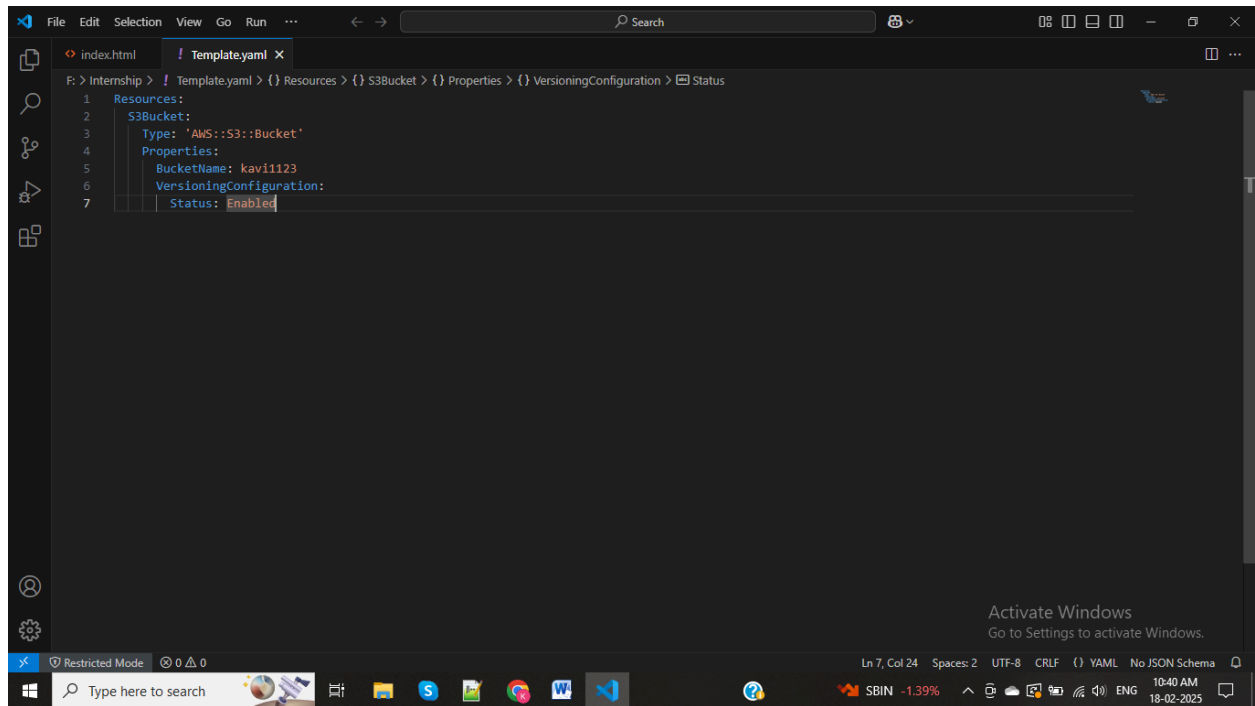
Now, Manually edited the bucket versioning



And S3 bucket was deleted as well and output was display in drift detection



YAML FILE



```
1 Resources:
2   S3Bucket:
3     Type: 'AWS::S3::Bucket'
4     Properties:
5       BucketName: kavi1123
6       VersioningConfiguration:
7         Status: Enabled
```

Ln 7, Col 24 Spaces: 2 UTF-8 CRLF {} YAML No JSON Schema

10:40 AM 18-02-2025