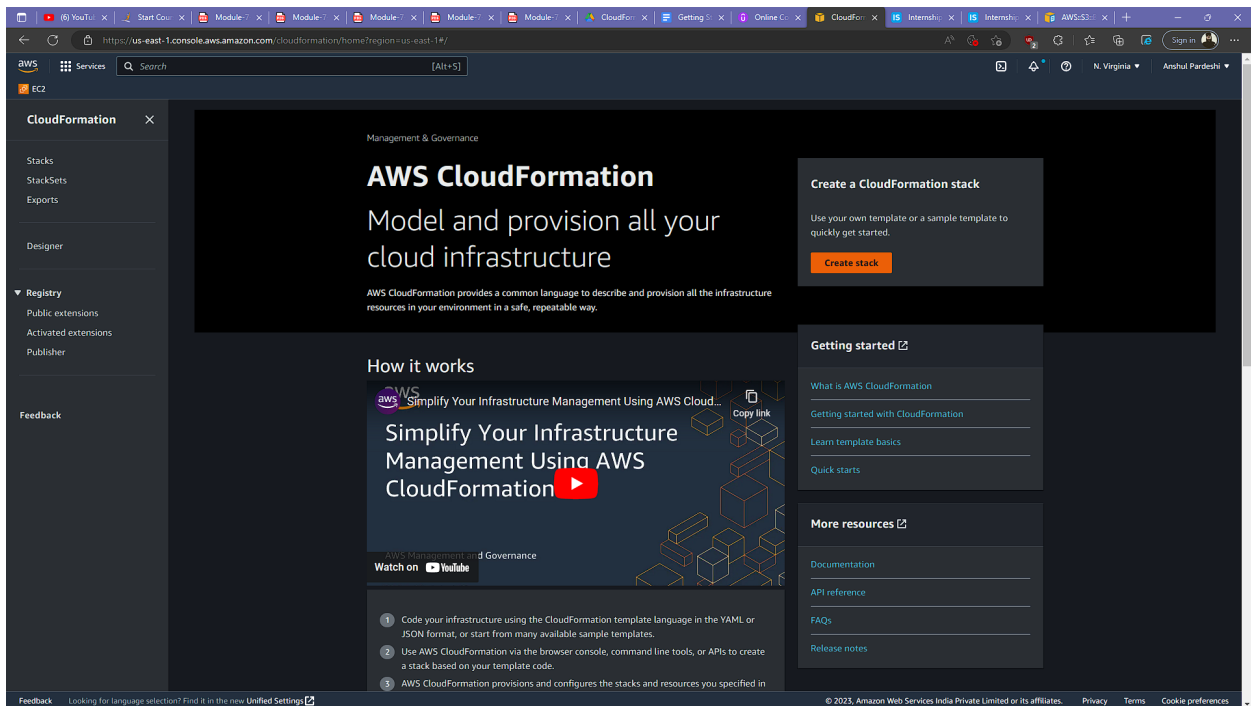


Module-7: Cloud Formation Assignment-1

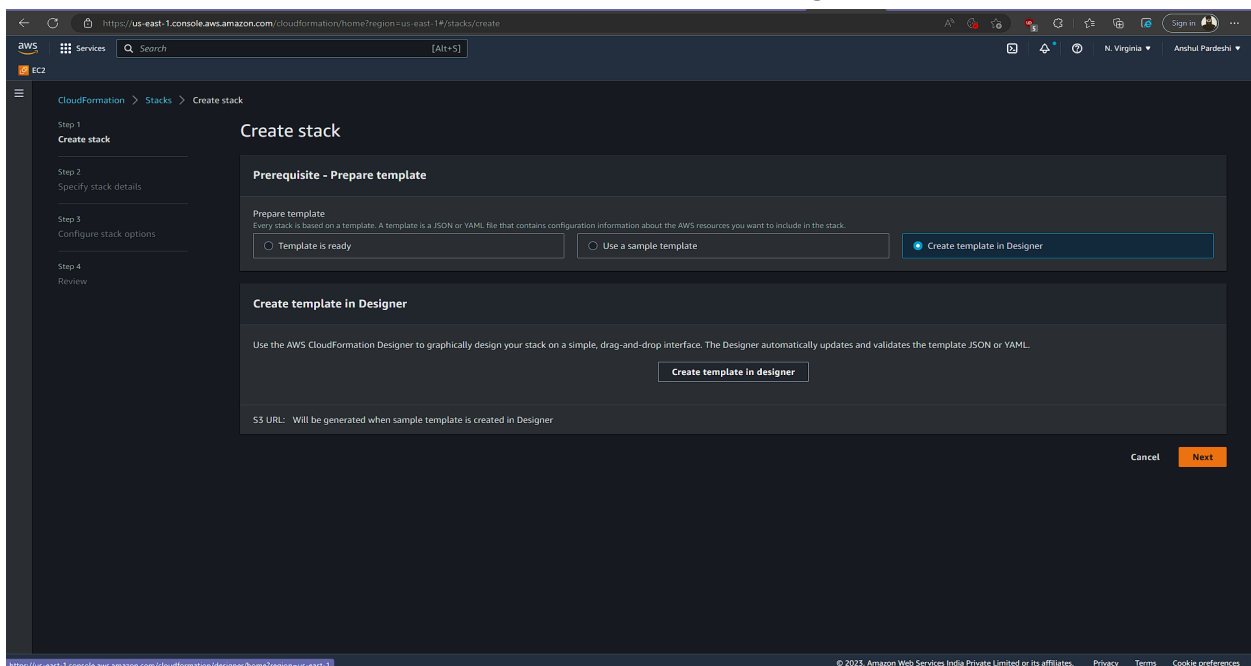
You have been asked to:

1. Create a template which can create an S3 bucket named “Intellipaate <Your Name>”.
2. The template should be able to enable versioning for the bucket created.

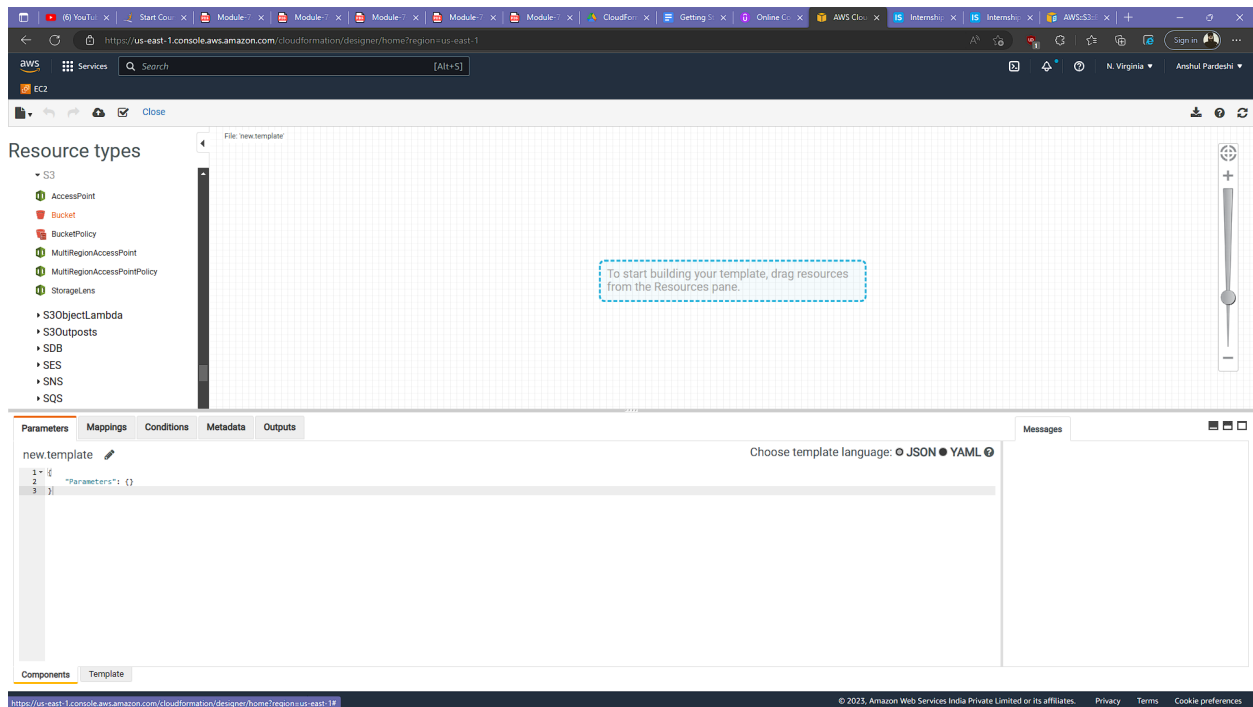
From the cloud formation dashboard, directly go to the designer tab or select create stack.



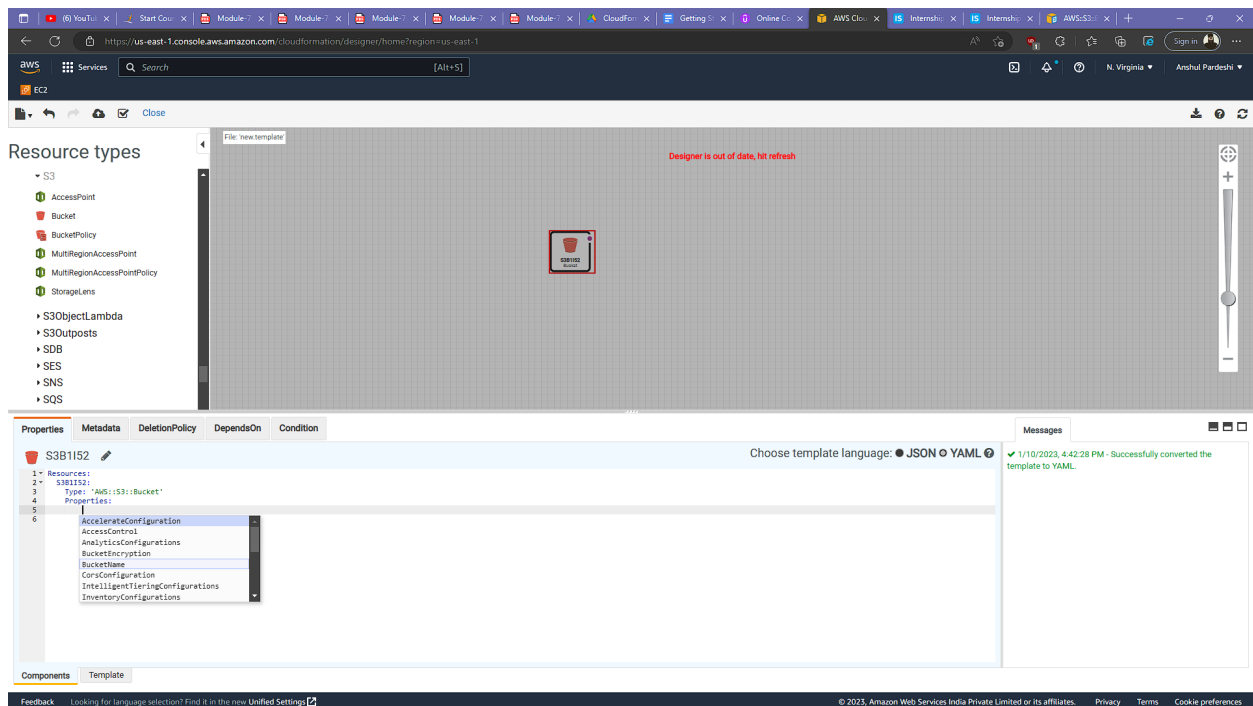
Select create a template in designer.



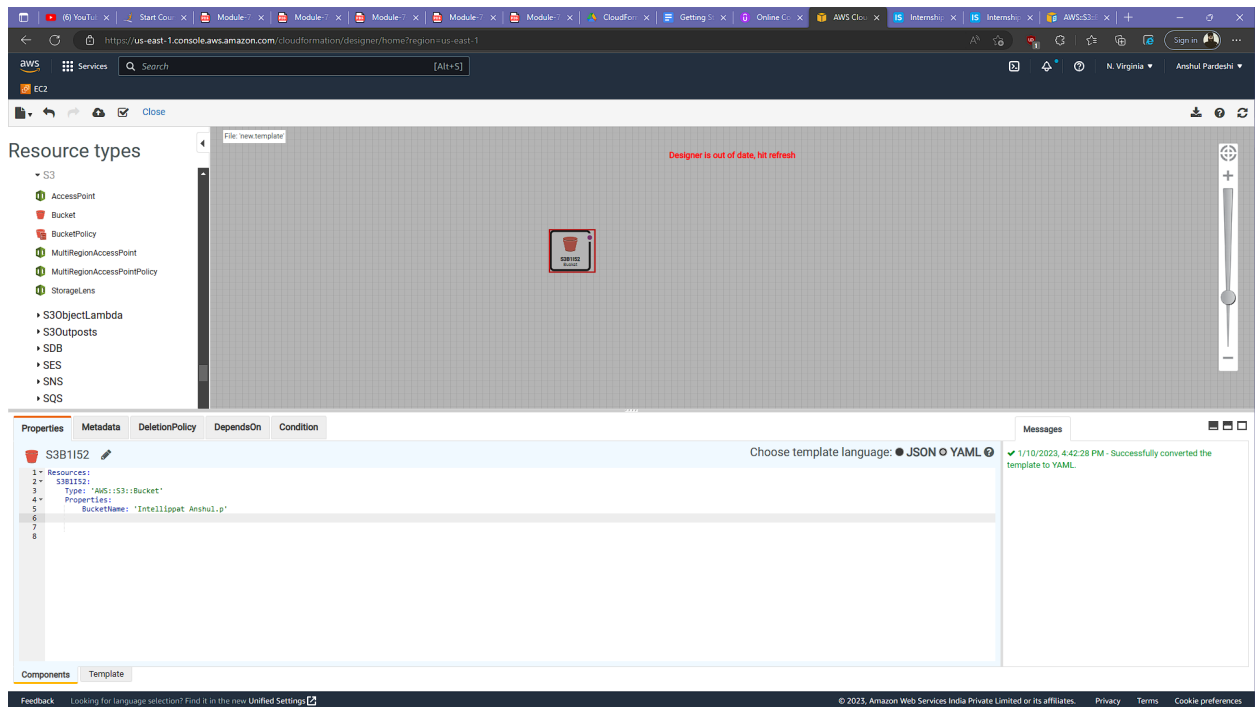
This is a designer place. Choose an S3 resource and drag and drop it.



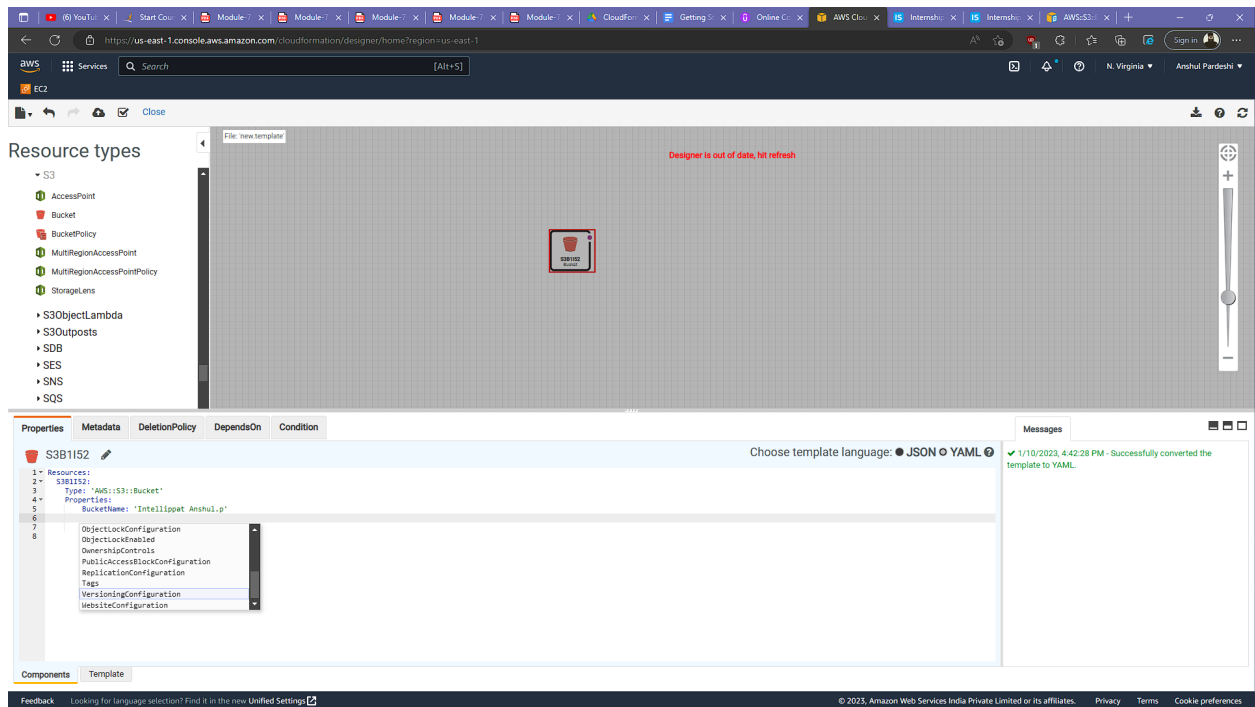
Below you can change properties through the template. We will use YAML. You can use JSON as well according to comfort and understanding. Press ctrl+space to get the options. TO change bucket name choose Bucket Name.



Name it as Intellipaat <Your Name> as asked.



Now choose Versioning config to enable versioning.



Let status be enabled.

The screenshot shows the AWS CloudFormation Designer interface. On the left, the 'Resource types' panel lists various AWS services. The main canvas displays a template with a red 'STATUS' icon. The 'Properties' tab is active, showing the following JSON snippet:

```
1- Resources:
2-   S3B1152:
3-     Type: AWS::S3::Bucket
4-     Properties:
5-       BucketName: Intelligat Anshul.p
6-       VersioningConfiguration:
7-         Status: Enabled
```

The 'Messages' panel on the right displays a green message: "1/10/2023, 4:46:35 PM - Successfully converted the template to YAML." The 'Choose template language' dropdown is set to 'JSON'.

This is the same template in JSON. AWS converts it for you.

The screenshot shows the AWS CloudFormation Designer interface with the same template as the previous image. The 'Properties' tab is active, showing the following JSON snippet:

```
1- {
2-   "Resources": {
3-     "S3B1152": {
4-       "Type": "AWS::S3::Bucket",
5-       "Properties": {
6-         "BucketName": "Intelligat Anshul.p",
7-         "VersioningConfiguration": {
8-           "Status": "Enabled"
9-         }
10-      }
11-    }
12-  }
13- }
```

The 'Messages' panel on the right displays a green message: "1/10/2023, 4:46:55 PM - Successfully converted the template to JSON." The 'Choose template language' dropdown is set to 'JSON'.

Test template.

The screenshot shows the AWS CloudFormation Designer interface. The left sidebar lists resource types under the 'S3' category, including AccessPoint, Bucket, BucketPolicy, MultiRegionAccessPoint, MultiRegionAccessPointPolicy, StorageLens, S3ObjectLambda, S3Outposts, SDB, SES, SNS, and SQS. The main canvas displays a template snippet for an S3 bucket named 'S3B1152'. The template is written in JSON and includes properties for 'Type', 'BucketName', 'VersioningConfiguration', and 'Status'. A red box highlights a validation error in the template. The bottom panel shows the 'Properties' tab for the 'S3B1152' resource, with a message indicating that the template was successfully converted to JSON. The bottom status bar shows the copyright notice for Amazon Web Services India Private Limited.

Resource types

- S3
 - AccessPoint
 - Bucket
 - BucketPolicy
 - MultiRegionAccessPoint
 - MultiRegionAccessPointPolicy
 - StorageLens
- S3ObjectLambda
- S3Outposts
- SDB
- SES
- SNS
- SQS

File: newtemplate

Choose template language: ☐ JSON ☒ YAML

1- {
2- "Resources": {
3- "S3B1152": {
4- "Type": "AWS::S3::Bucket",
5- "Properties": {
6- "BucketName": "Intellipect Anshul.p",
7- "VersioningConfiguration": {
8- "Status": "Enabled"
9- }
10- }
11- }
12- }
13- }

Properties Metadata DeletionPolicy DependsOn Condition

S3B1152

Messages

1/10/2023, 4:46:55 PM - Successfully converted the template to JSON.

Components Template

Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Template is Valid.

The screenshot shows the AWS CloudFormation Designer interface. The left sidebar lists resource types under the 'S3' category, including AccessPoint, Bucket, BucketPolicy, MultiRegionAccessPoint, MultiRegionAccessPointPolicy, StorageLens, S3ObjectLambda, S3Outposts, SDB, SES, SNS, and SQS. The main canvas displays the same template snippet for an S3 bucket named 'S3B1152'. The template is written in JSON and includes properties for 'Type', 'BucketName', 'VersioningConfiguration', and 'Status'. The bottom panel shows the 'Properties' tab for the 'S3B1152' resource, with a message indicating that the template is valid. The bottom status bar shows the copyright notice for Amazon Web Services India Private Limited.

Resource types

- S3
 - AccessPoint
 - Bucket
 - BucketPolicy
 - MultiRegionAccessPoint
 - MultiRegionAccessPointPolicy
 - StorageLens
- S3ObjectLambda
- S3Outposts
- SDB
- SES
- SNS
- SQS

File: newtemplate

Template is valid.

Choose template language: ☐ JSON ☒ YAML

1- {
2- "Resources": {
3- "S3B1152": {
4- "Type": "AWS::S3::Bucket",
5- "Properties": {
6- "BucketName": "Intellipect Anshul.p",
7- "VersioningConfiguration": {
8- "Status": "Enabled"
9- }
10- }
11- }
12- }
13- }

Properties Metadata DeletionPolicy DependsOn Condition

S3B1152

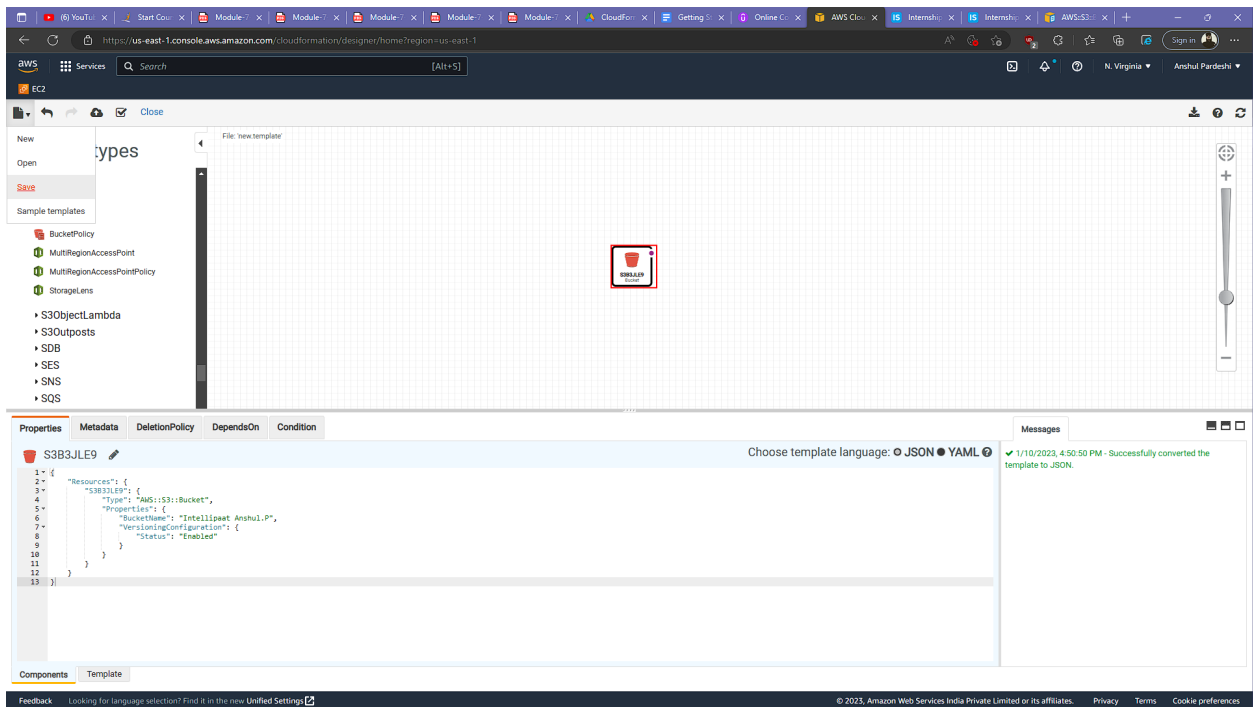
Messages

Components Template

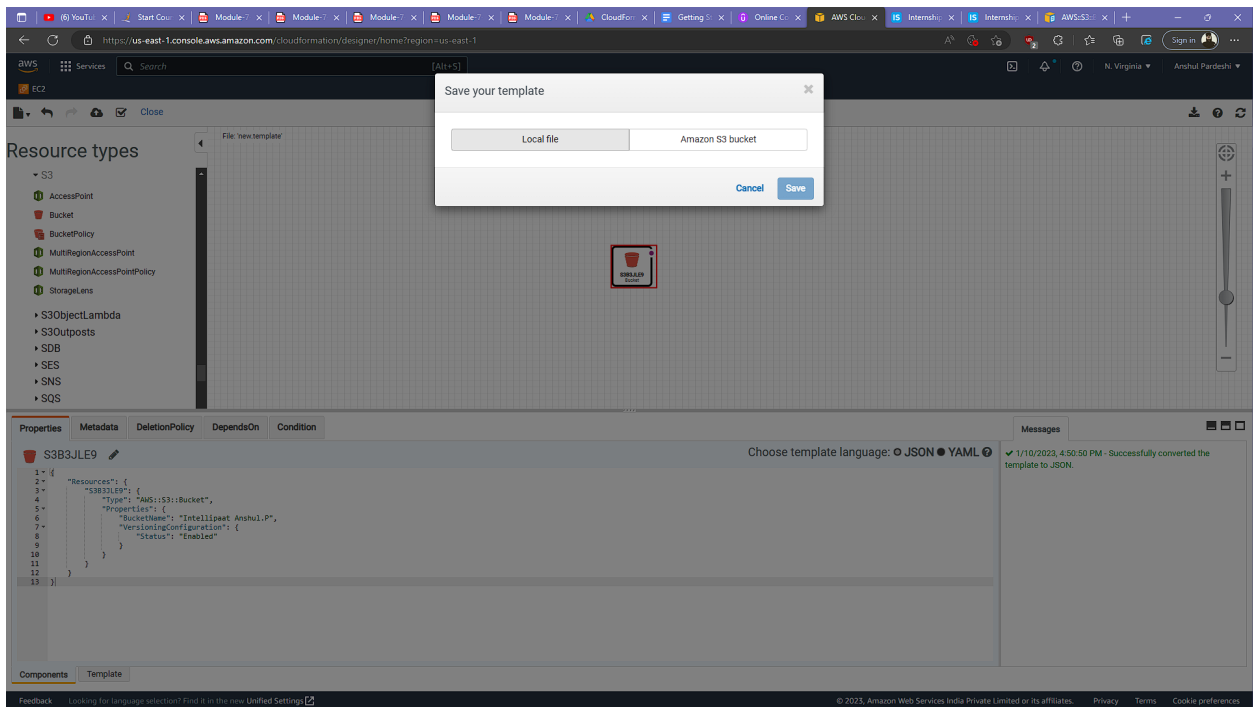
Feedback Looking for language selection? Find it in the new Unified Settings

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Save it.



Locally.



Name the file.

The screenshot shows the AWS CloudFormation Designer interface in the AWS Management Console. A modal dialog box titled "Save your template" is open, allowing the user to save the current template. The dialog has two tabs: "Local file" (selected) and "Amazon S3 bucket". Below the tabs, there is a text input field for "File name:" with the value "for-assignment.template" entered. At the bottom of the dialog are "Cancel" and "Save" buttons.

The background interface shows the "Resource types" sidebar on the left with a tree view including S3, AccessPoint, Bucket, BucketPolicy, MultiRegionAccessPoint, MultiRegionAccessPointPolicy, StorageLens, S3ObjectLambda, S3Outposts, SDB, SES, SNS, and SQS. The main canvas displays a JSON template for an S3 bucket named "S3B3JLE9". The template includes properties for "Type", "BucketName", "VersioningConfiguration", and "Status".

```
1 {
2   "Resources": {
3     "S3B3JLE9": {
4       "Type": "AWS::S3::Bucket",
5       "Properties": {
6         "BucketName": "IntelliPaet Anshul.P",
7         "VersioningConfiguration": {
8           "Status": "Enabled"
9         }
10      }
11    }
12  }
13 }
```

At the bottom of the console, there is a "Messages" panel showing a success message: "1/10/2023, 4:50:50 PM - Successfully converted the template to JSON." The footer of the console includes a "Feedback" link and copyright information for Amazon Web Services India Private Limited.