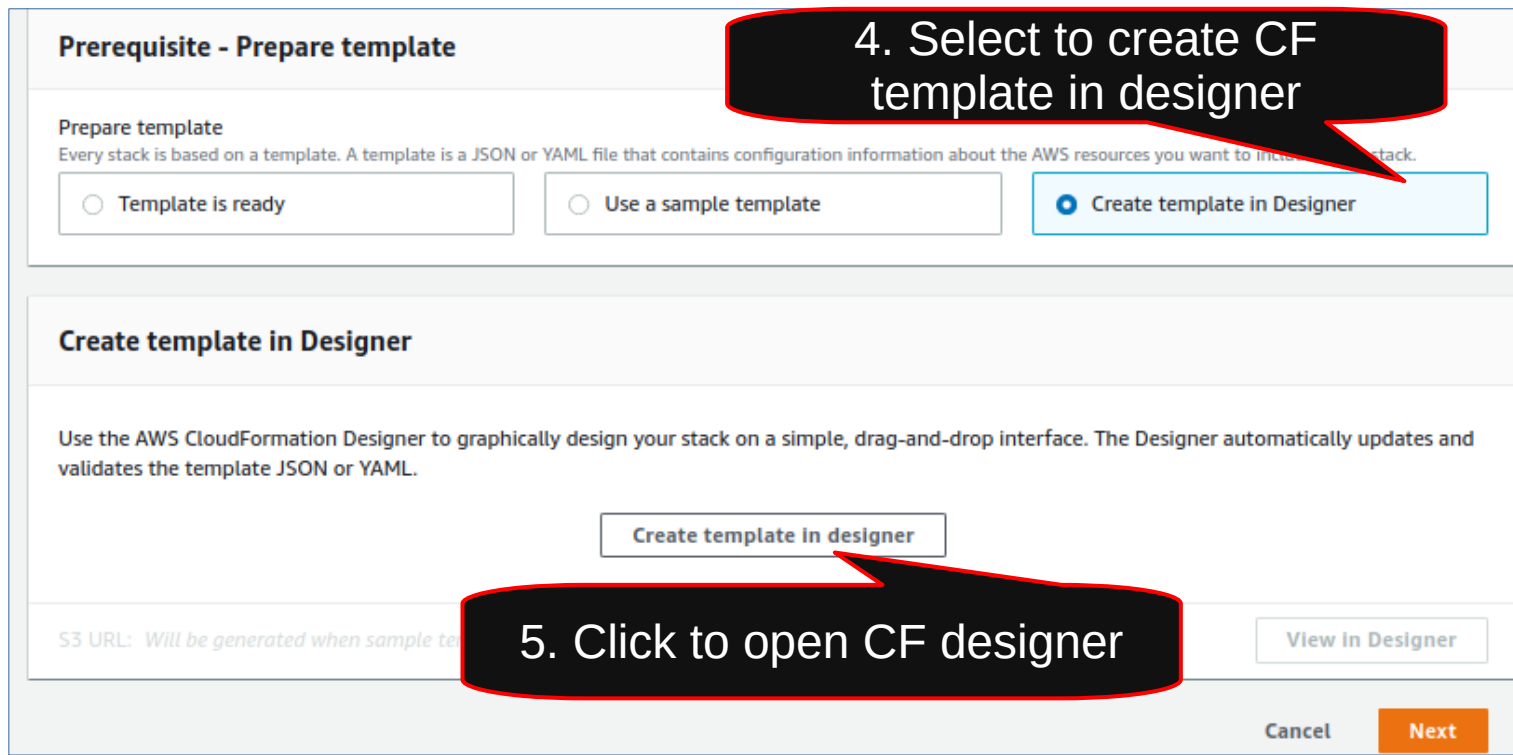
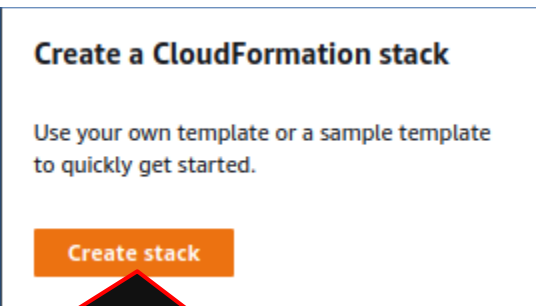
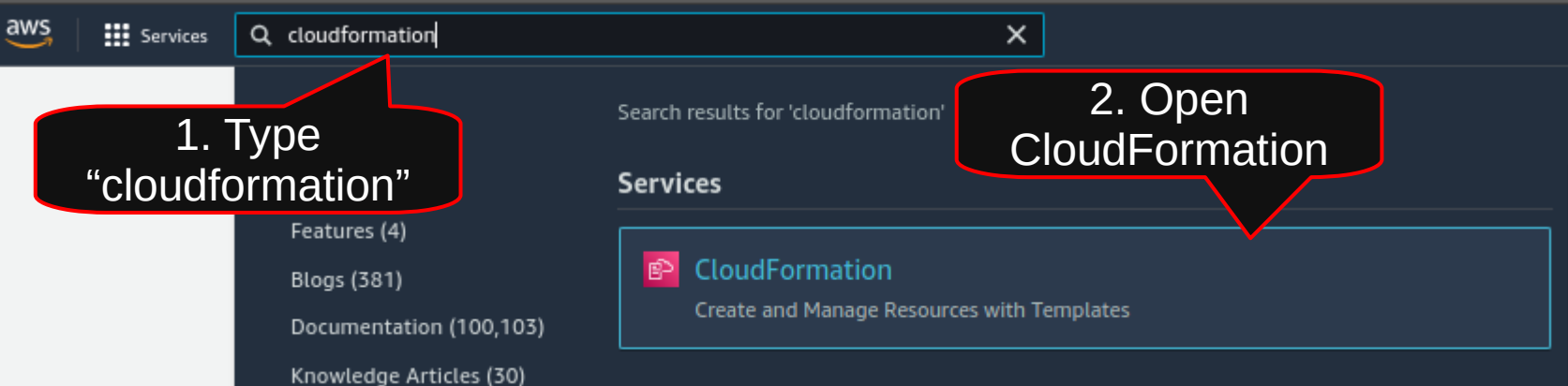


# Module 7 – Assignment 1 – Cloudformation

You have been asked to:

1. Create a template which can create an S3 bucket named “Intellipaath<<your-name>>”
2. The template should be able to enable versioning for the bucket created



6. Select S3 from the left-pane

7. Select Bucket

9. Type out the template  
Add Description, BucketName,  
enable Versioning configuration

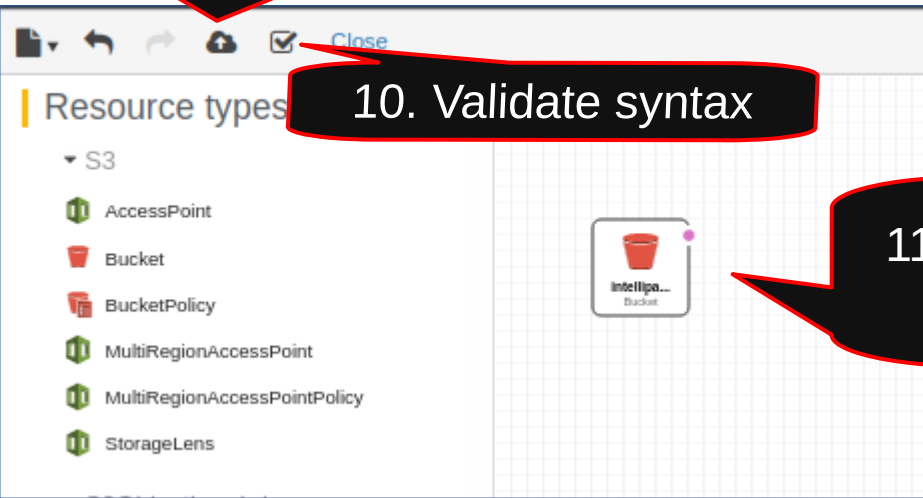
```
1 AWS::CloudFormation::Template
2 Description: >-
3   S3 Bucket created for Module 7 Assignment 1 as per instructions provided in
4   problem statement.
5 Resources:
6   intellipaathariharanNarayanan:
7     Type: 'AWS::S3::Bucket'
8     Properties:
9       BucketName: n7a1-s3-bucket-intellipaathariharan-narayanan
10      VersioningConfiguration:
11        Status: Enabled
12      Metadata:
13        'AWS::CloudFormation::Designer':
14          id: 5a9cef8b-ea90-4a9e-944e-6dc551615c61
15      Metadata:
16        'AWS::CloudFormation::Designer':
17          size:
18            width: 60
19            height: 60
20            position:
21              x: 60
22              y: 90
23          z: 1
24          embeds: []
```

8. Type this  
YAMLconfiguration

12. Create resource

10. Validate syntax

11. Verify that S3 bucket is reflected  
correctly in Designer window



### Prerequisite - Prepare template

**Prepare template**  
Every stack is based on a template. A template is a JSON or YAML file that contains configuration information about the AWS resources you want to include in the stack.

☒ Template is ready ☐ Use a sample template ☐ Create template in Designer

---

### Specify template

A template is a JSON or YAML file that describes your stack's resources and properties.

**Template source**  
Selecting a template generates an Amazon S3 URL where it will be stored.

☒ Amazon S3 URL ☐ Upload a template file

Amazon S3 URL

Amazon S3 template URL

S3 URL: <https://s3-external-1.amazonaws.com/cf-templates-m8gh53neeb2k-us-east-1/2022014cZ6-new.templates8p8xob7hri> [View In Designer](#)

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

13. Ensure you are using template created in designer

14. Name the stack

### Specify stack details

**Stack name**

Stack name

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

---

**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](#)

## Configure stack options

### Tags

You can specify tags (key-value pairs) to apply to resources in your stack. You can add up to 50 unique tags for each stack. [Learn more](#)

CreatedBy

Hariharan Narayanan

Remove

Add tag

### Permissions

Choose an IAM role to explicitly define how CloudFormation can create, modify, or delete resources in the stack. If you don't choose a role, CloudFormation uses permissions based on your user credentials. [Learn more](#)

#### IAM role - optional

Choose the IAM role for CloudFormation to use for all operations performed on the stack.

IAM role name ▼

Sample-role-name ▼

Remove

### Stack failure options

#### Behavior on provisioning failure

Specify the roll back behavior for a stack failure. [Learn more](#)

- ☒ **Roll back all stack resources**  
Roll back the stack to the last known stable state.
- ☐ **Preserve successfully provisioned resources**  
Preserves the state of successfully provisioned resources, while rolling back failed resources to the last known stable state. Resources without a last known stable state will be deleted upon the next stack operation.

## Advanced options

You can set additional options for your stack, like notification options and a stack policy. [Learn more](#)

#### ► Stack policy

Defines the resources that you want to protect from unintentional updates during a stack update.

#### ► Rollback configuration

Specify alarms for CloudFormation to monitor when creating and updating the stack. If the operation breaches an alarm threshold, CloudFormation rolls it back. [Learn more](#)

#### ► Notification options

#### ► Stack creation options

Cancel

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15. Add tags as needed and Finish

[Stack info](#) [Events](#) [Resources](#) [Outputs](#) [Parameters](#) [Template](#) [Change sets](#)

## Events (1)

Timestamp	Logical ID	Status	Status reason
2022-01-14 22:35:26 UTC+0530	m7a1-s3-bucket	<span>CREATE_IN_PROGRESS</span>	User Initiated

16. Verify that stack is created successfully