

In this Hands-on will learn how to create Cloudformation

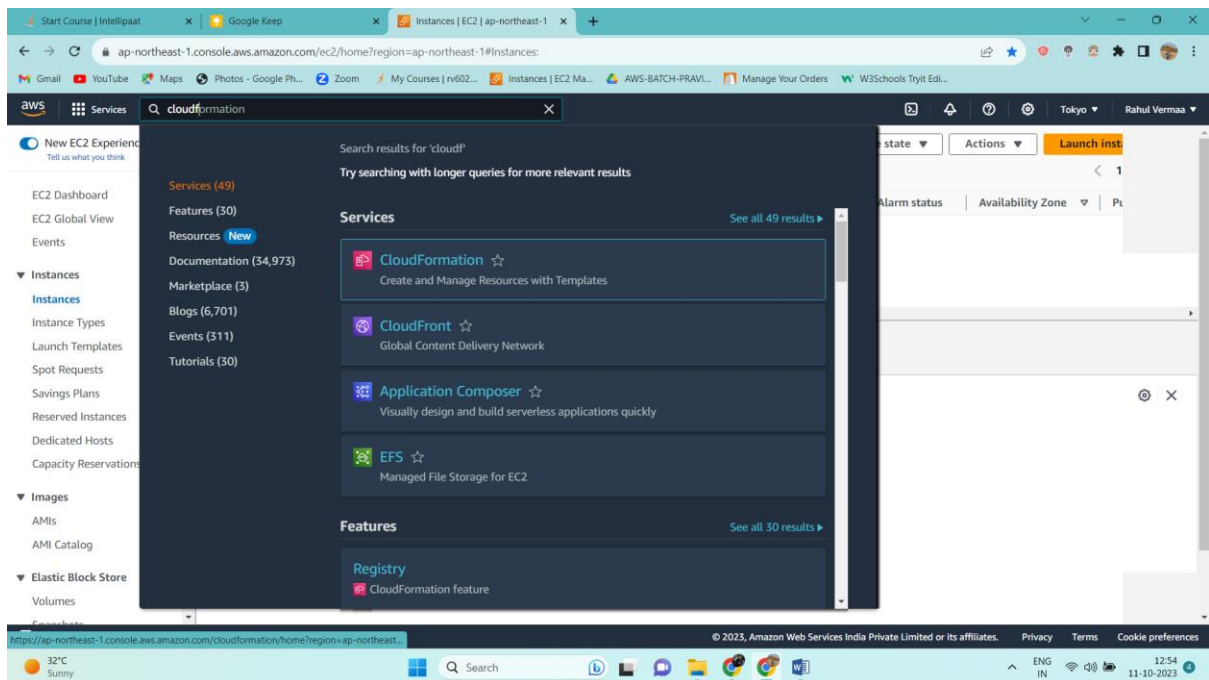
Problem Statement:

You work for XYZ Corporation. Your team is asked to deploy similar architecture multiple times for testing, development, and production purposes. Implement CloudFormation for the tasks assigned to you below

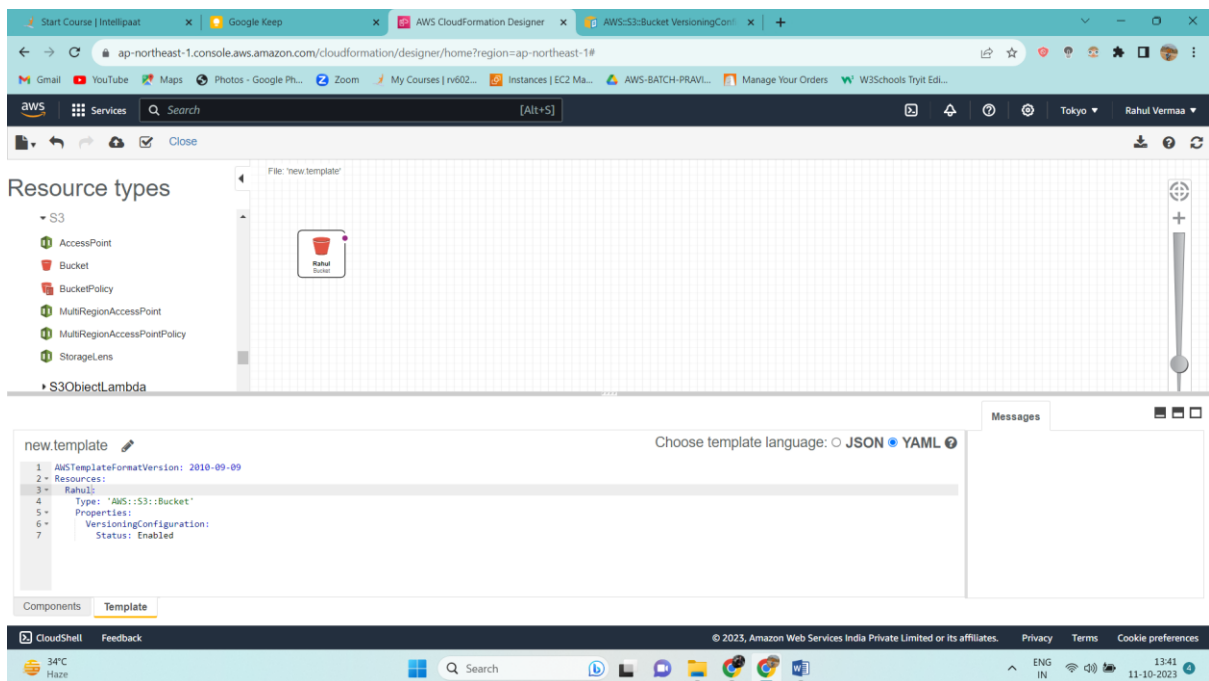
Tasks To Be Performed:

1. Create a template which can create an S3 bucket named Intellipaat-Rahul_Verma.
2. The template should be able to enable versioning for the bucket created.

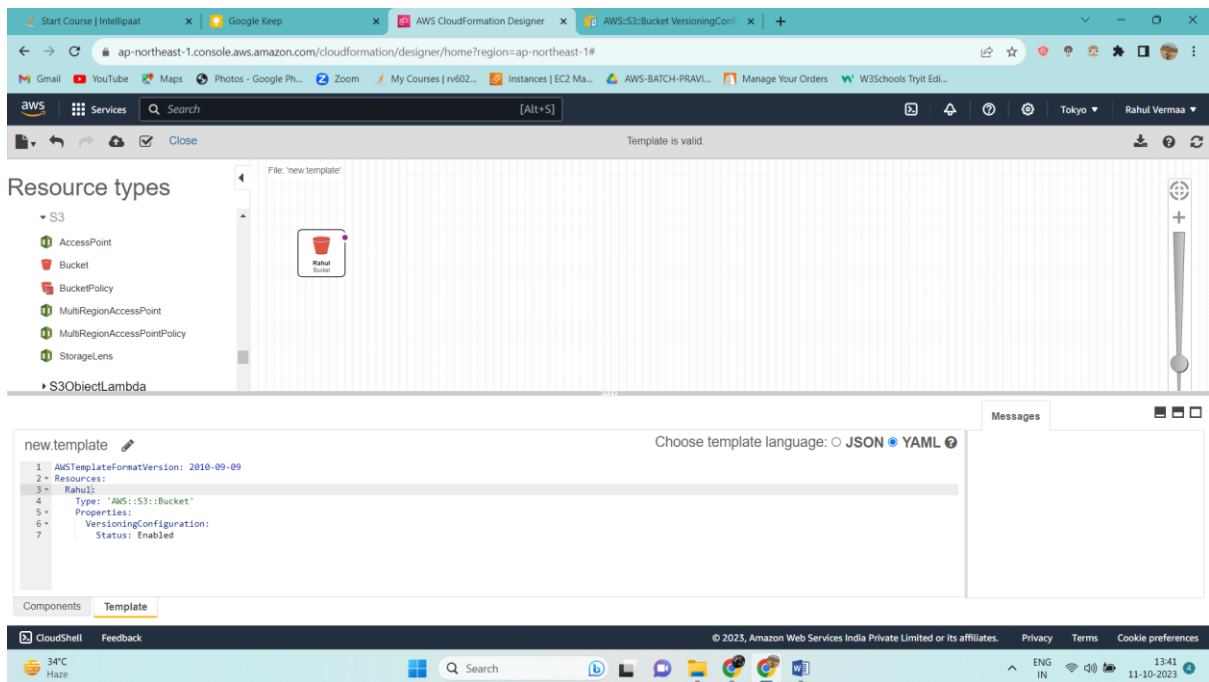
First search cloudformation in AWS console



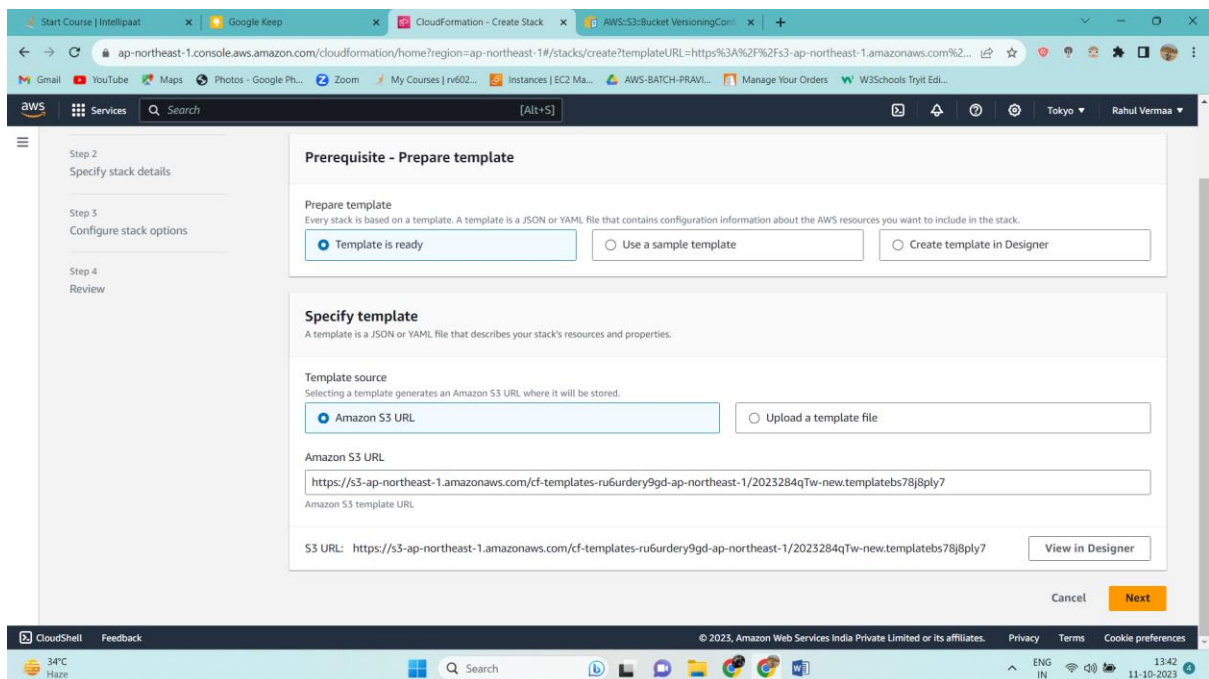
Create new template using designer



Now validate template and then click on create a stack symbol



Now let's create stack



Define stack name

CloudFormation > Stacks > Create stack

Step 1
[Create stack](#)

Step 2
Specify stack details

Step 3
[Configure stack options](#)

Step 4
[Review mybucket](#)

Specify stack details

Stack name

Stack name

mybucket

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**

Our stack is created and it's under progress status

CloudFormation > Stacks > Intelipaat

Stacks (1)

Filter by stack name

Filter status: Active

View nested

Stacks

Intelipaat

2023-10-11 13:43:44 UTC+0530

CREATE_IN_PROGRESS

Intelipaat

Delete Update Stack actions Create stack

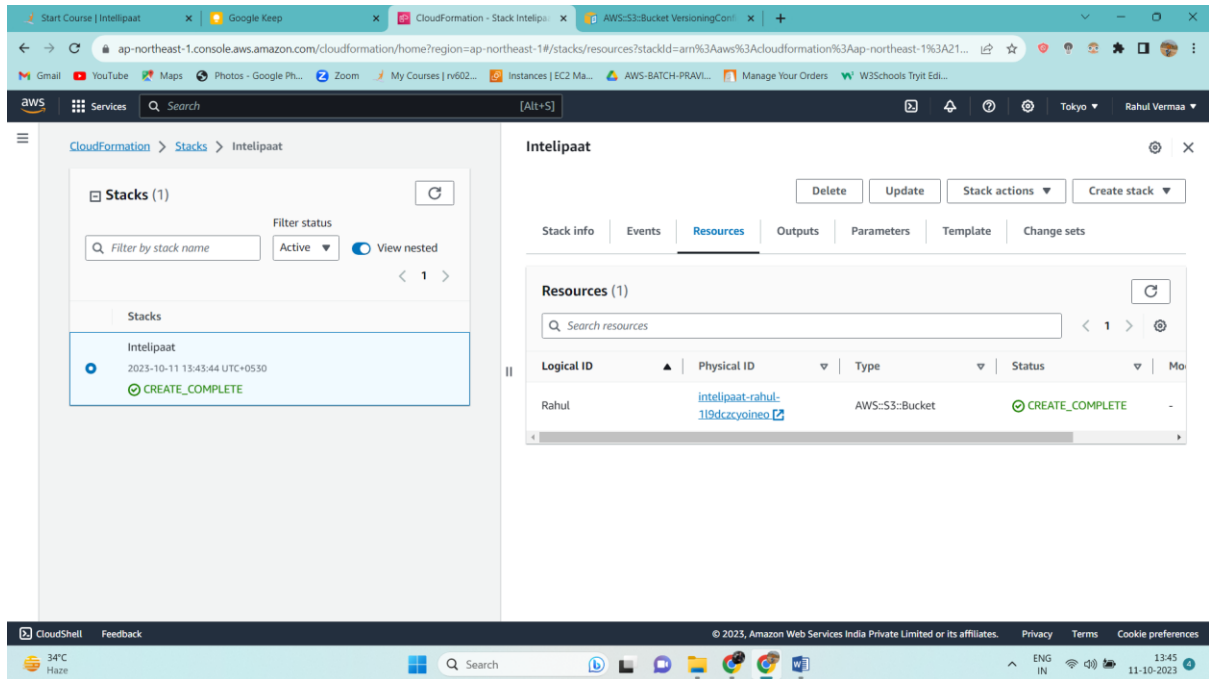
Stack info **Events** Resources Outputs Parameters Template Change sets

Events (1)

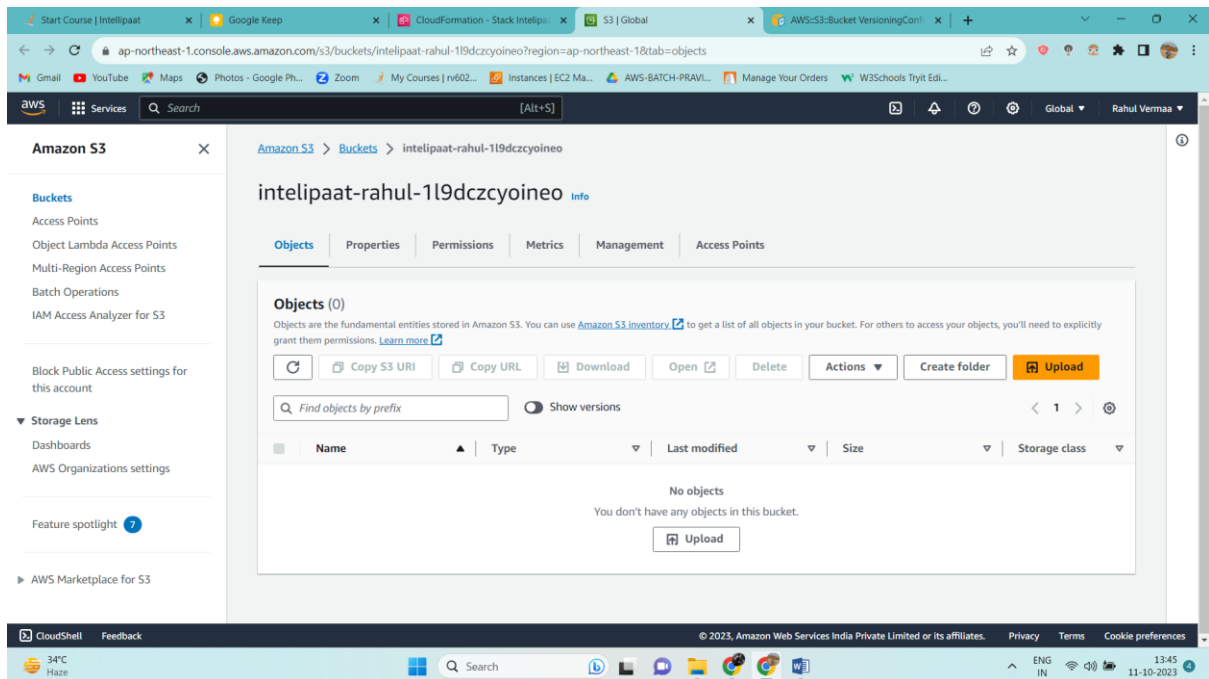
Search events

Timestamp	Logical ID	Status	Status reason
2023-10-11 13:43:44 UTC+0530	Intelipaat	CREATE_IN_PROGRESS	User Initiated

Let's check our bucket



Our bucket is created



Now let's check if it's versioning is enabled or not

The screenshot displays the AWS Management Console interface. The top navigation bar shows the user is logged in as 'Rahul Verma'. The left sidebar contains the 'Amazon S3' menu with options like Buckets, Access Points, and Storage Lens. The main content area is titled 'Edit Bucket Versioning' for the bucket 'intelipaat-rahul-1l9dczcyoino'. The 'Bucket Versioning' section has two radio buttons: 'Suspend' and 'Enable'. The 'Enable' option is selected, indicating that versioning is currently enabled for this bucket. Below this, there is a section for 'Multi-factor authentication (MFA) delete' which is currently 'Disabled'. At the bottom of the console area, there are 'Cancel' and 'Save changes' buttons. The bottom of the screen shows a Windows taskbar with the date '11-10-2023' and time '13:46'.