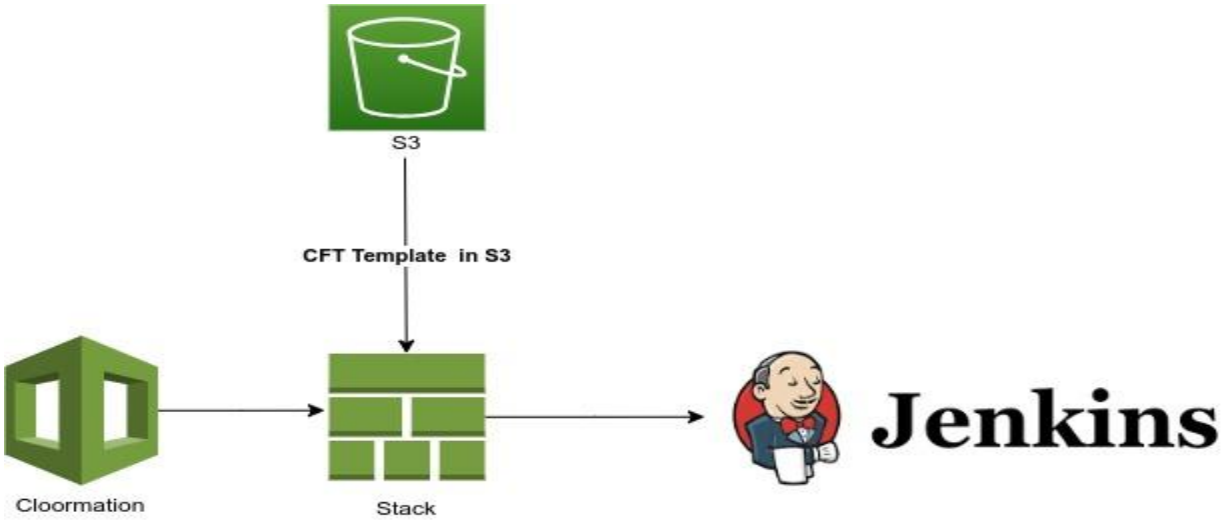
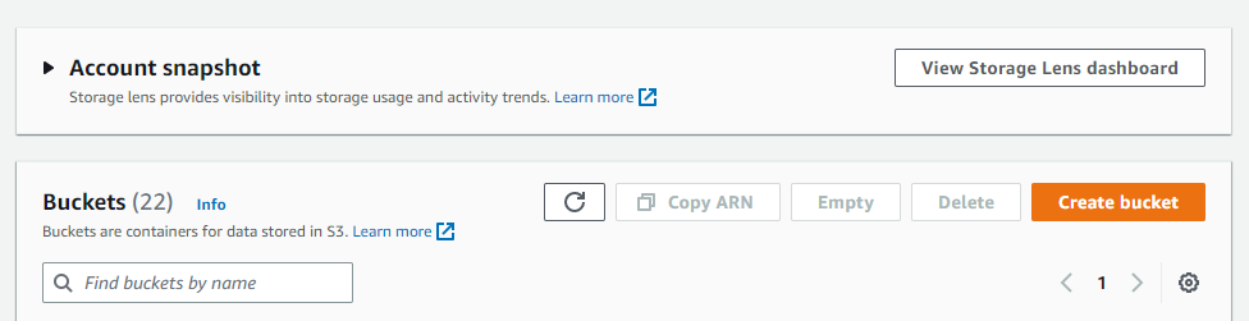
Deploying Jenkins Using CloudFormation



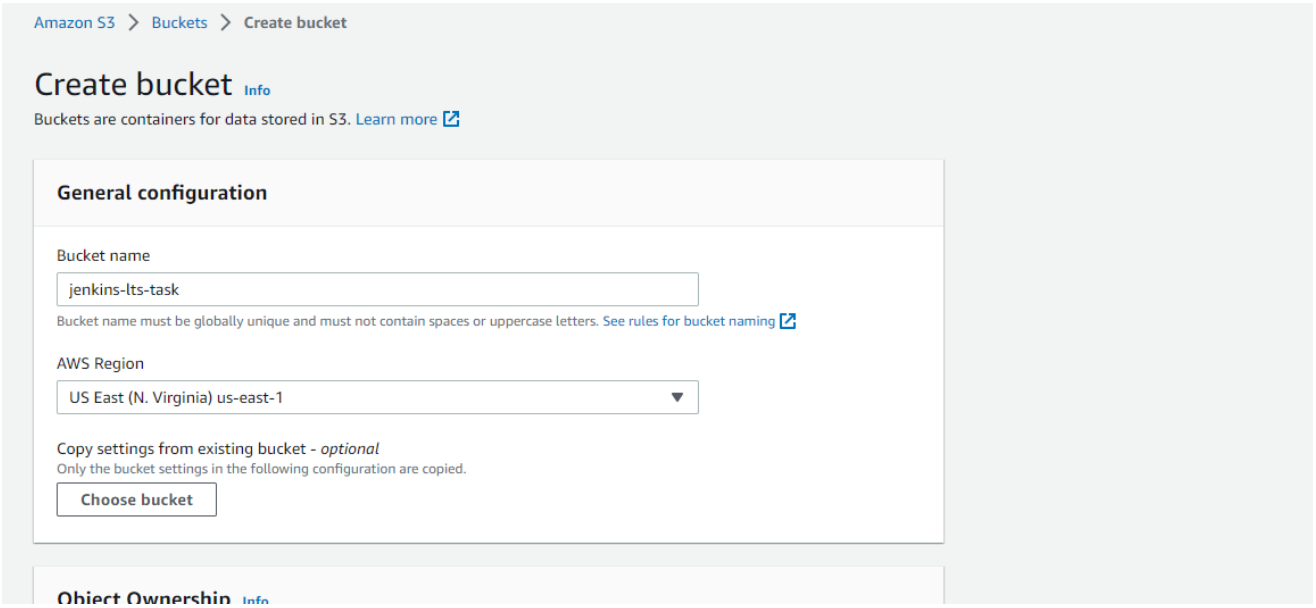
Create S3 bucket

1. Sign in to the AWS Management Console and open the Amazon S3 console
2. Choose **Create bucket**.

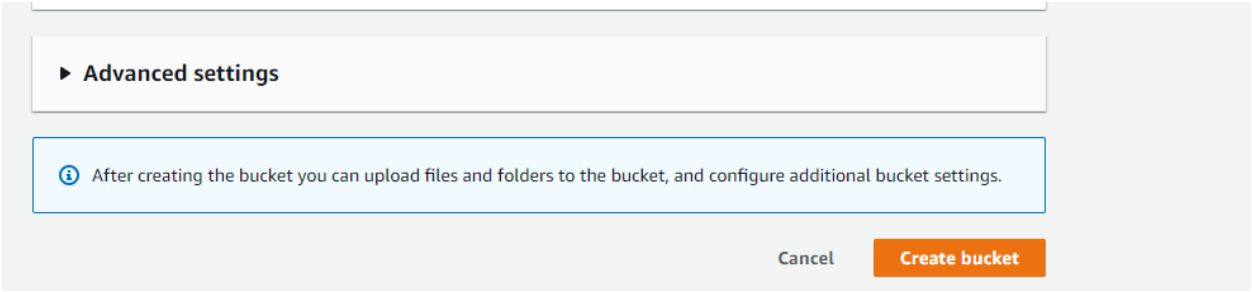


3. In Bucket name, give the suitable bucket name.

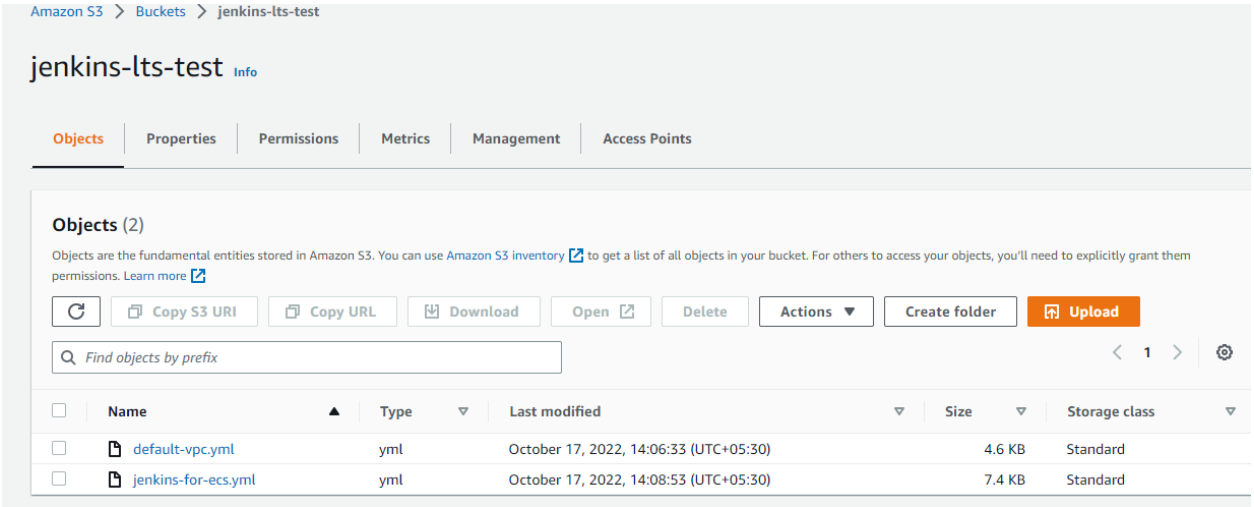
4. In **Region**, choose the AWS Region where you want the bucket to reside.



5. Click on **Create bucket**.

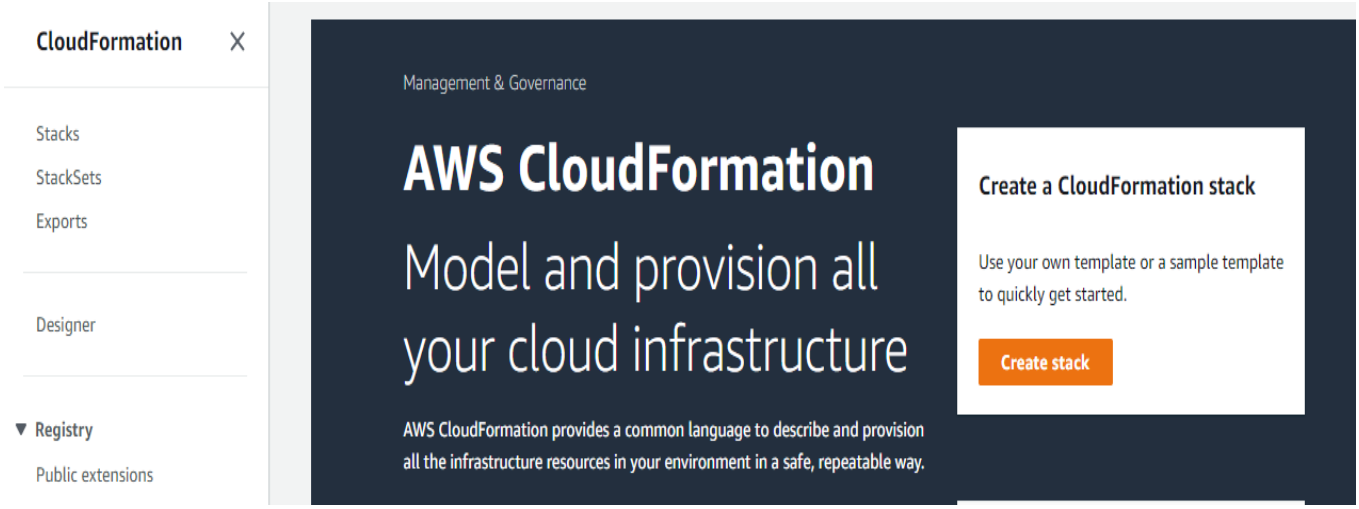


6. Now, Upload two CFT files into the S3 bucket.



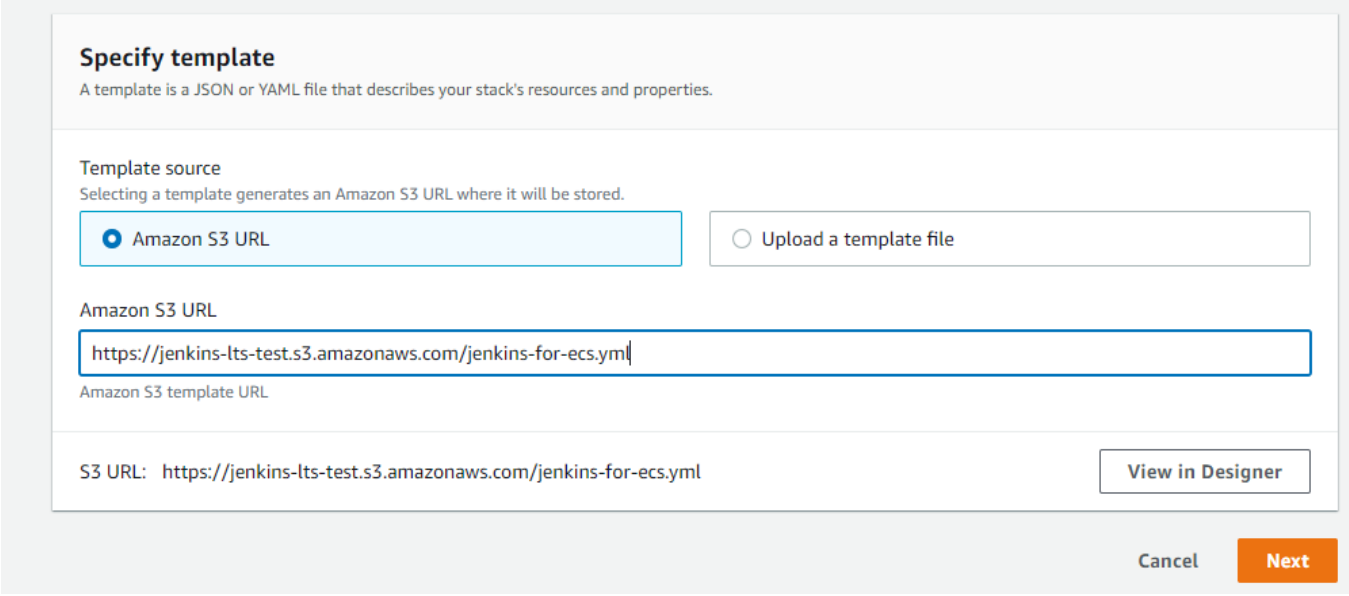
Create a stack on the CloudFormation console

1. Open the AWS CloudFormation console.
2. Choose **Create Stack**.

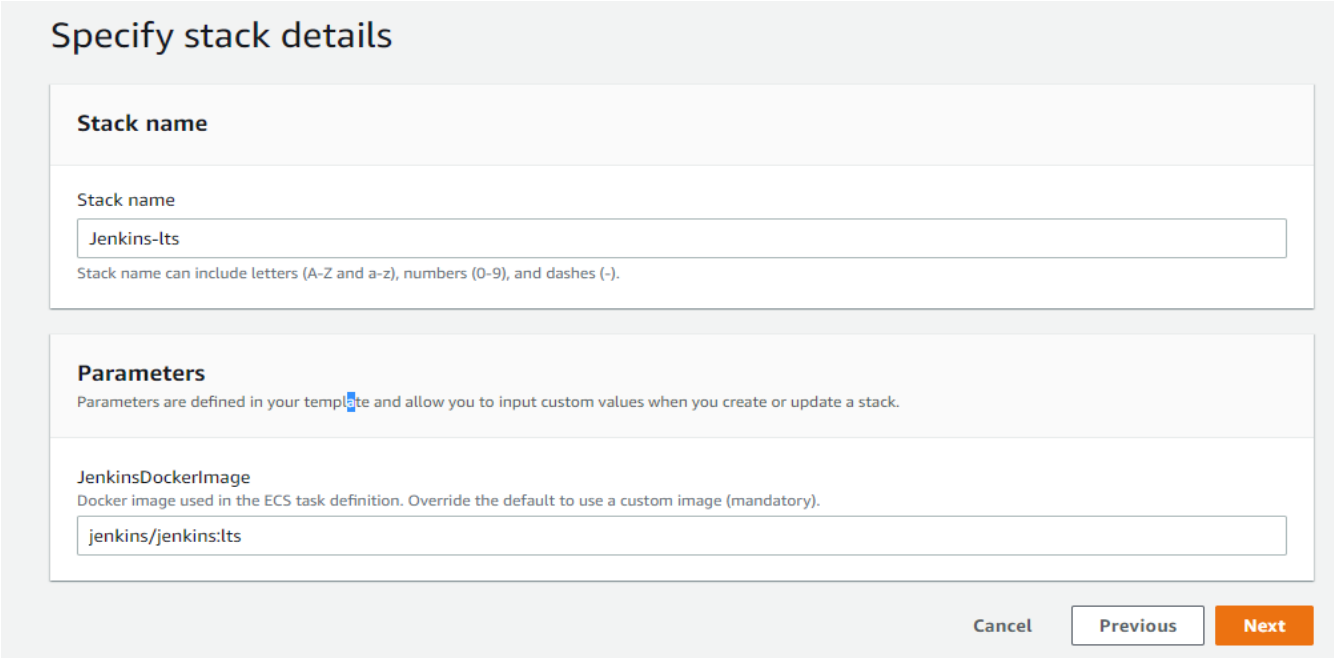


3. On the Specify template page, choose a stack template by using one of the following options:
    - Template is ready
4. In the **Specify template section**, select the appropriate option based on the template's location:

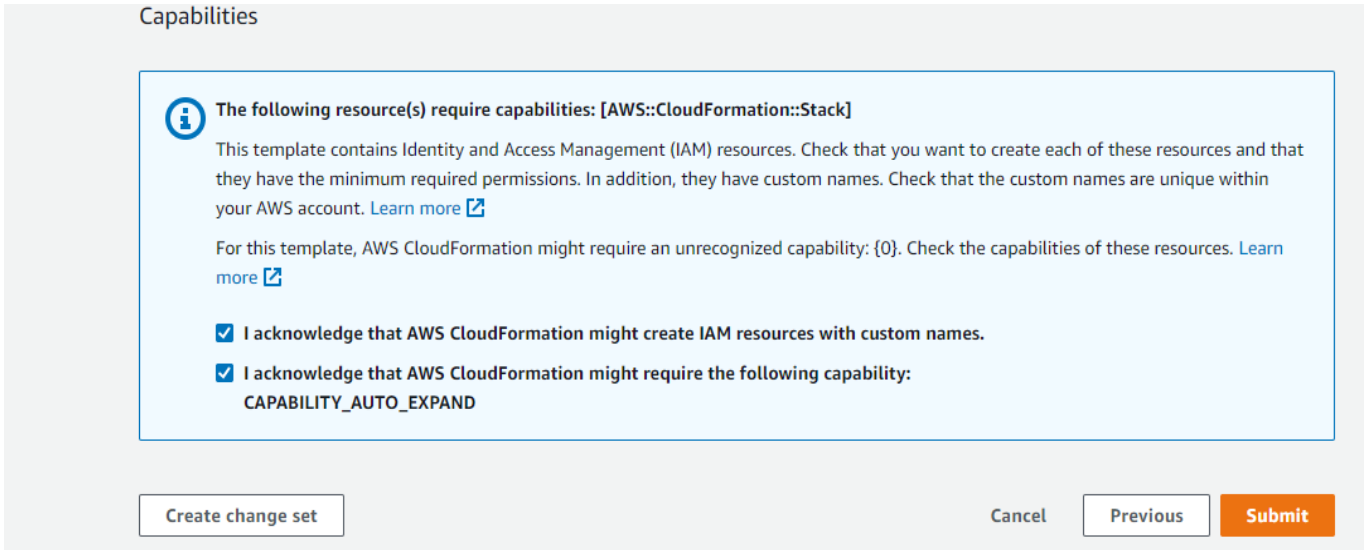
    - **Amazon S3 URL**
      Enter the URL in the Amazon S3 URL field. (CloudFormation Template is in S3 bucket)

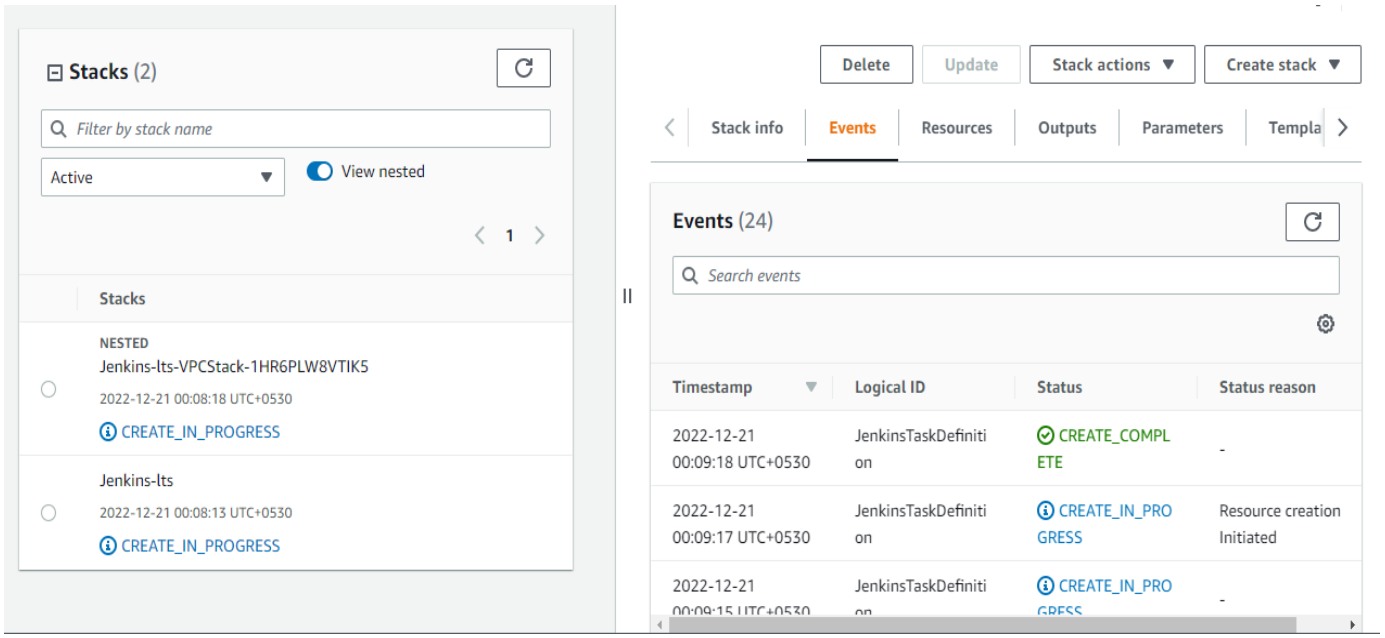


5. Click on **Next**.
6. On the **Specify stack details** page, type a **stack name** in the Stack name box.
7. In the **Parameters section**, specify parameters that are defined in the stack template.
8. When you are satisfied with the parameter values, choose **Next**

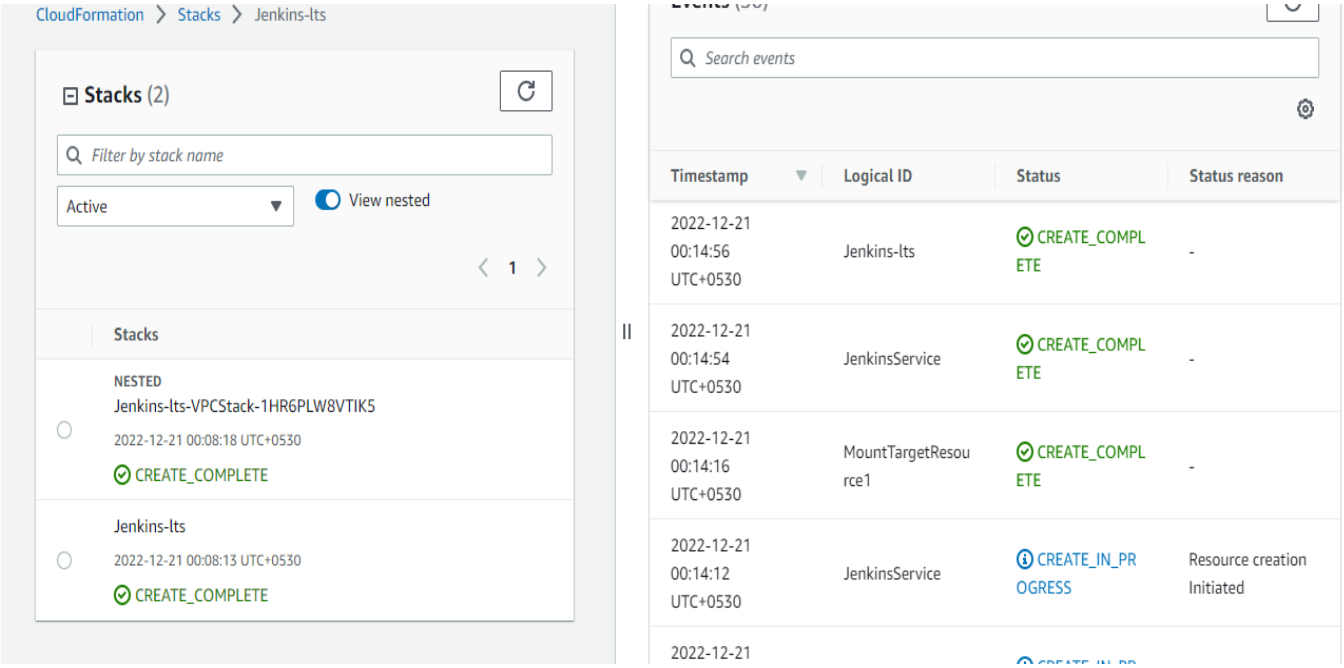


9. On the Review page, review the details of your stack.
10. choose to **Submit** to launch stack.

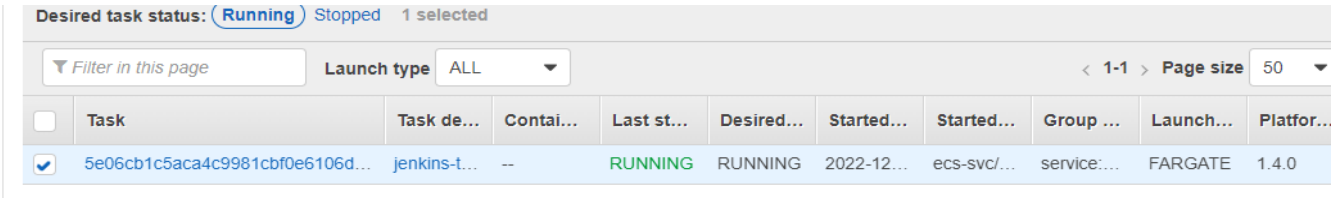


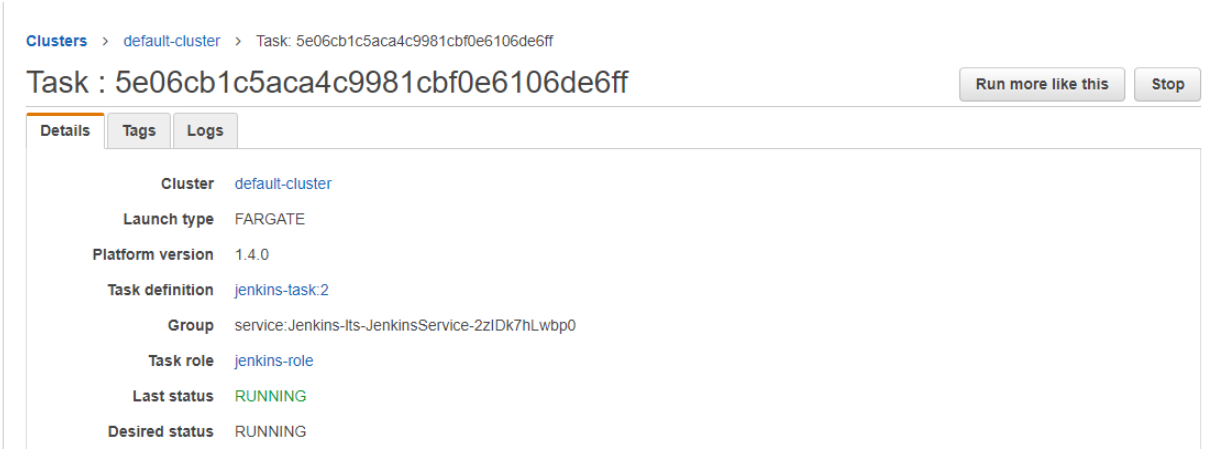


Now, the CloudFormation template is complete.

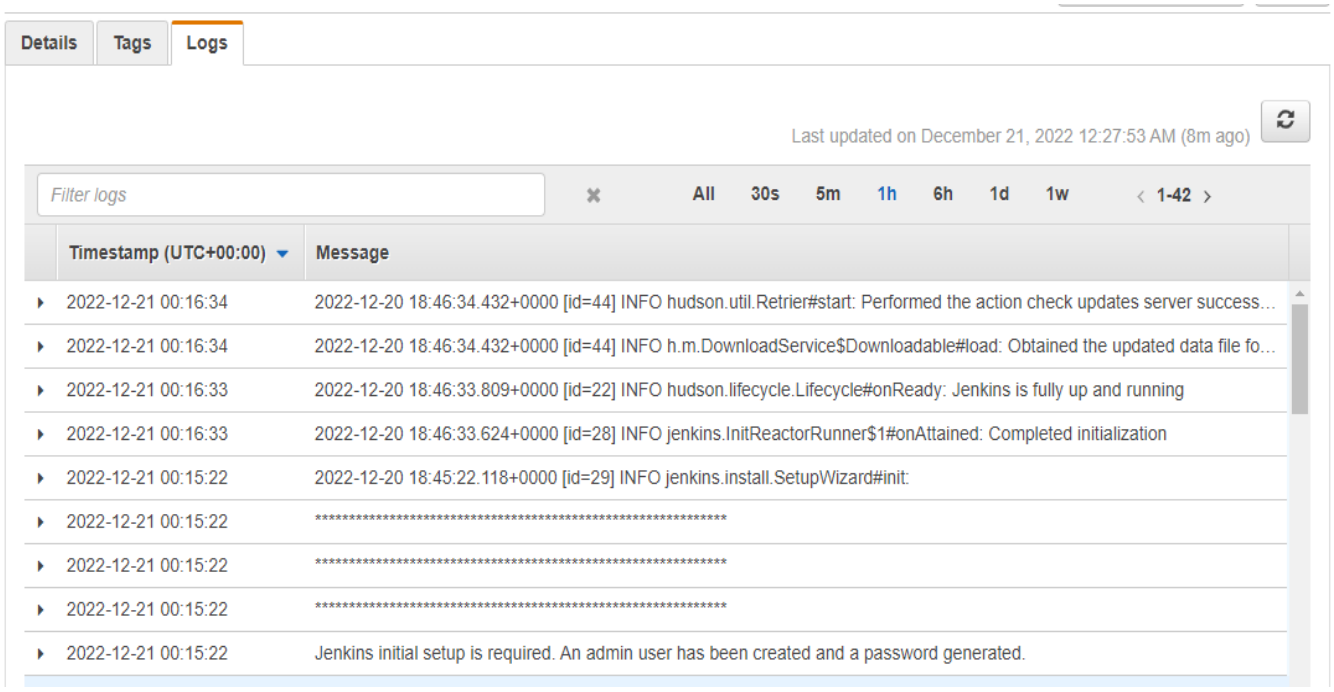


Go to the ECS cluster. In the Task section, the task status is running. Now, Click on Task.

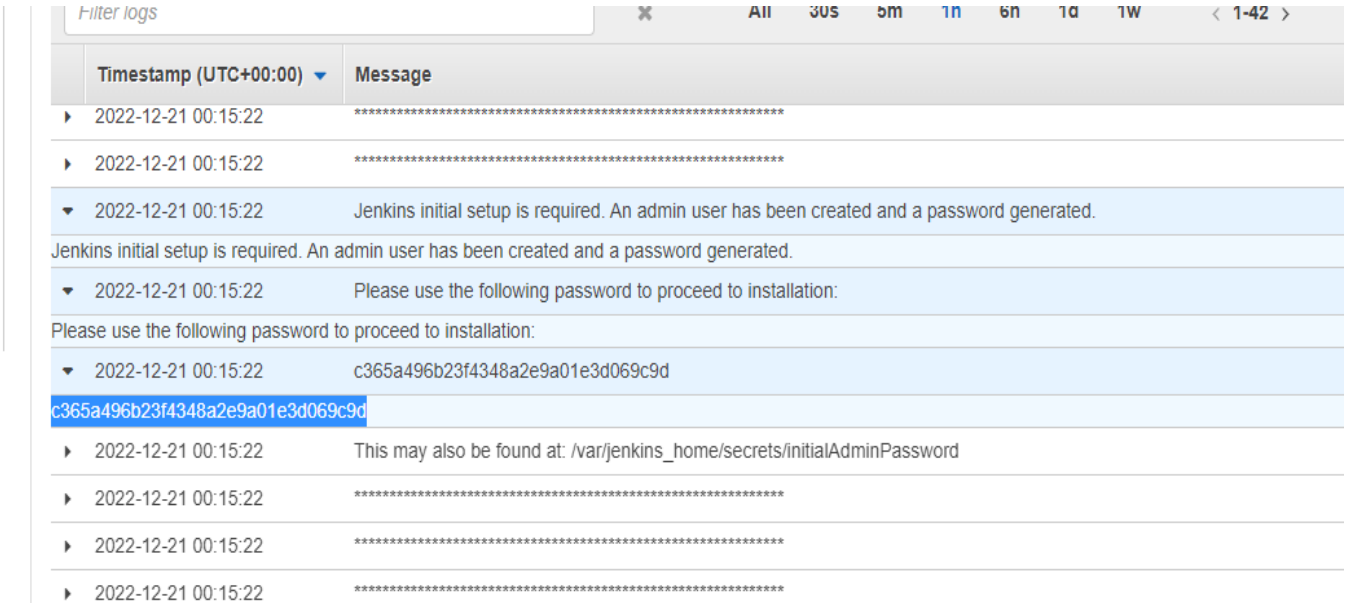




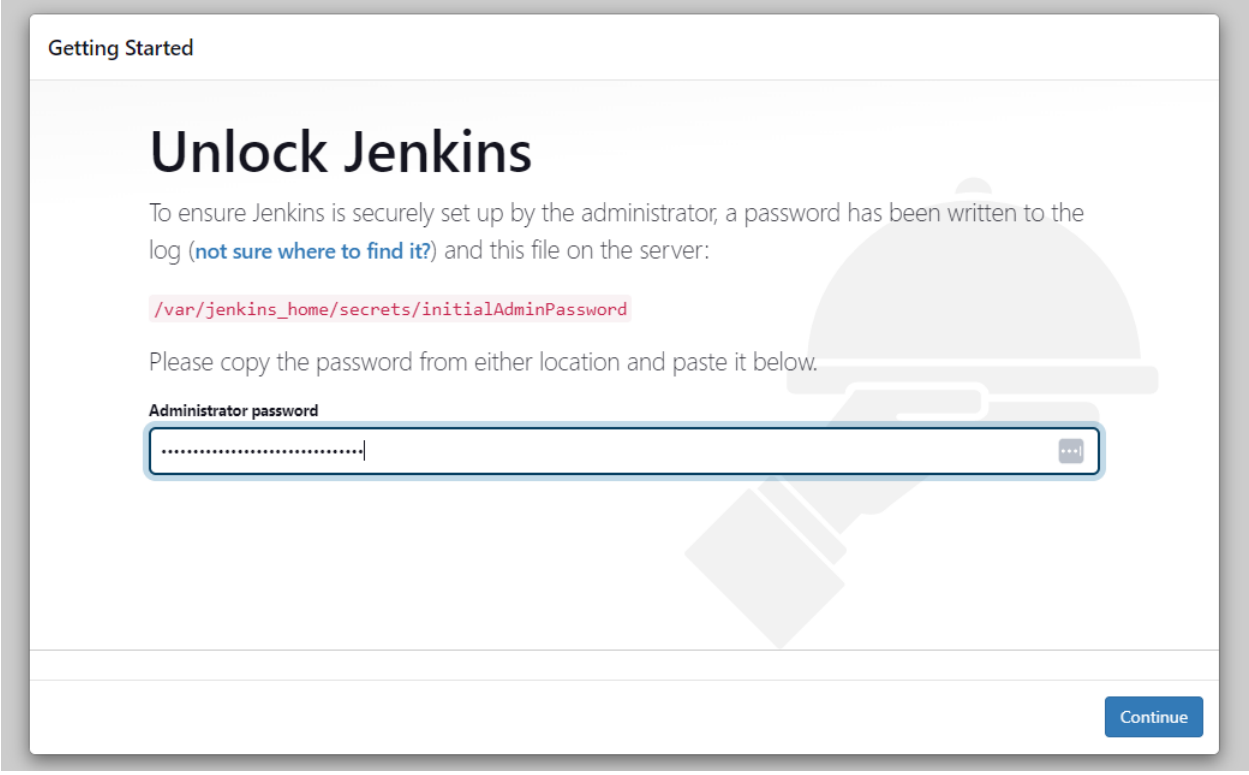
In the Task, click on Logs.



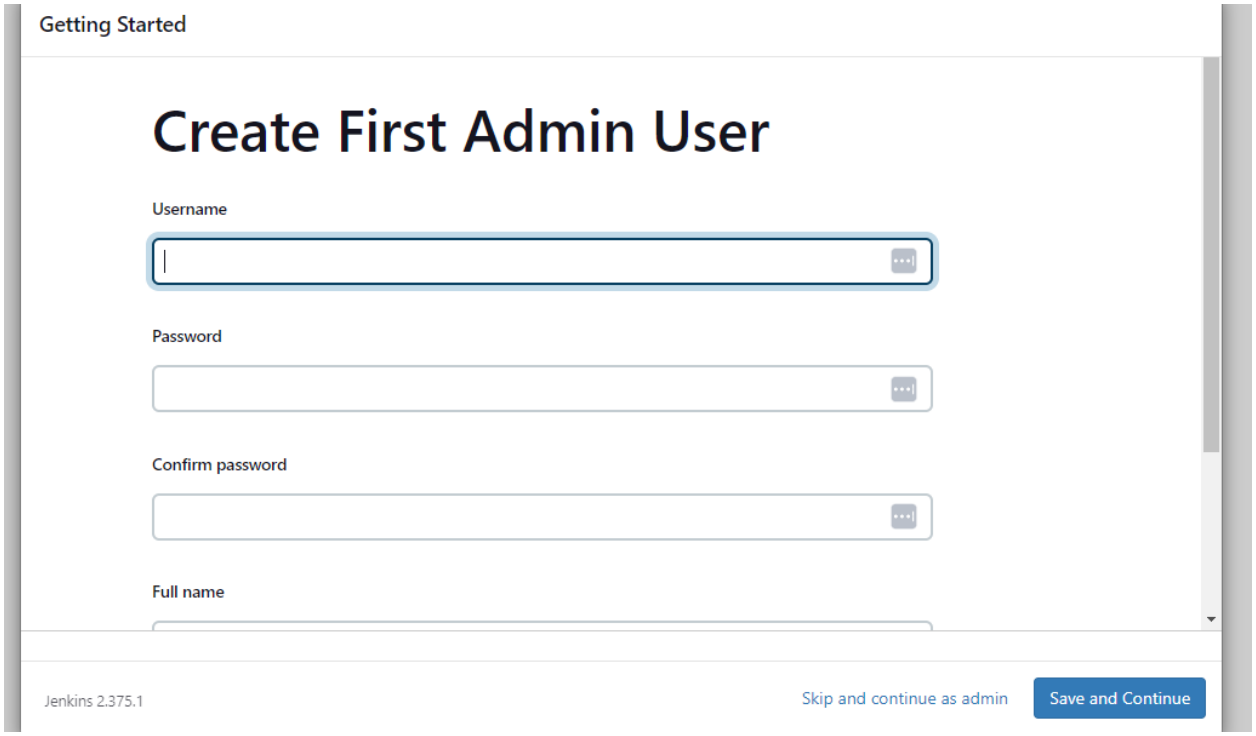
In these Logs, present the Administrator password. Copy the password for login Jenkins.



Go back to the CloudFormation, click on Loadbalancer and copy Loadbalancer DNS name. Past DNS name in the browser. We can see the Jenkins page is open and need an Administrator password. Put Administrator password which is copied from Logs. Click on **continue**.



After installed the plugins, need to setup username and password.


Getting Started
Create First Admin User
Username
Password
Confirm password
Full name
Jenkins 2.375.1
Skip and continue as admin
Save and Continue