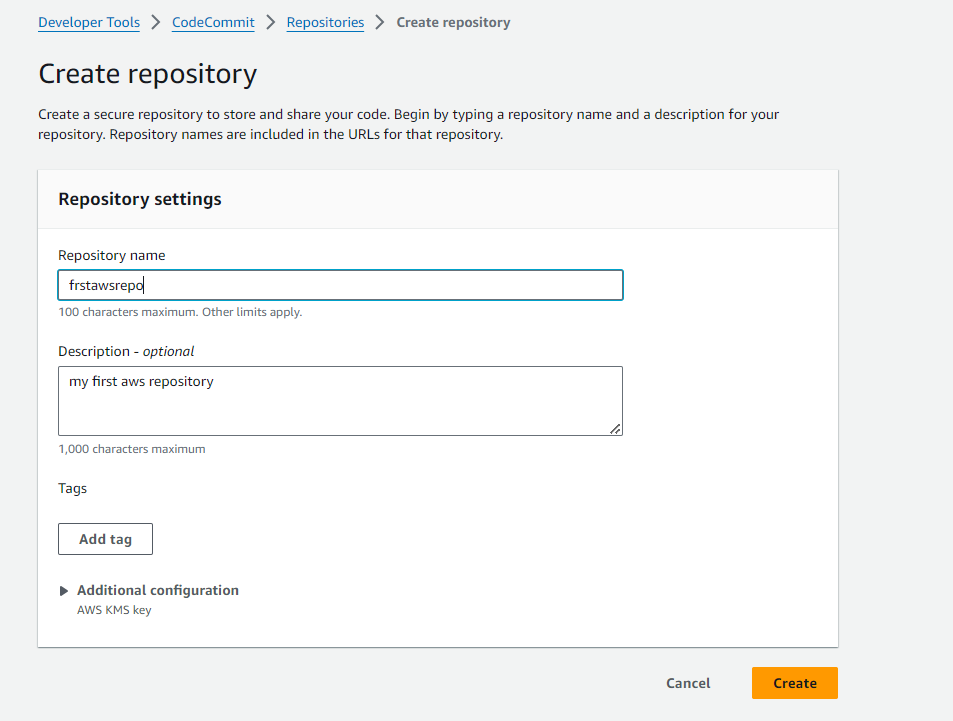
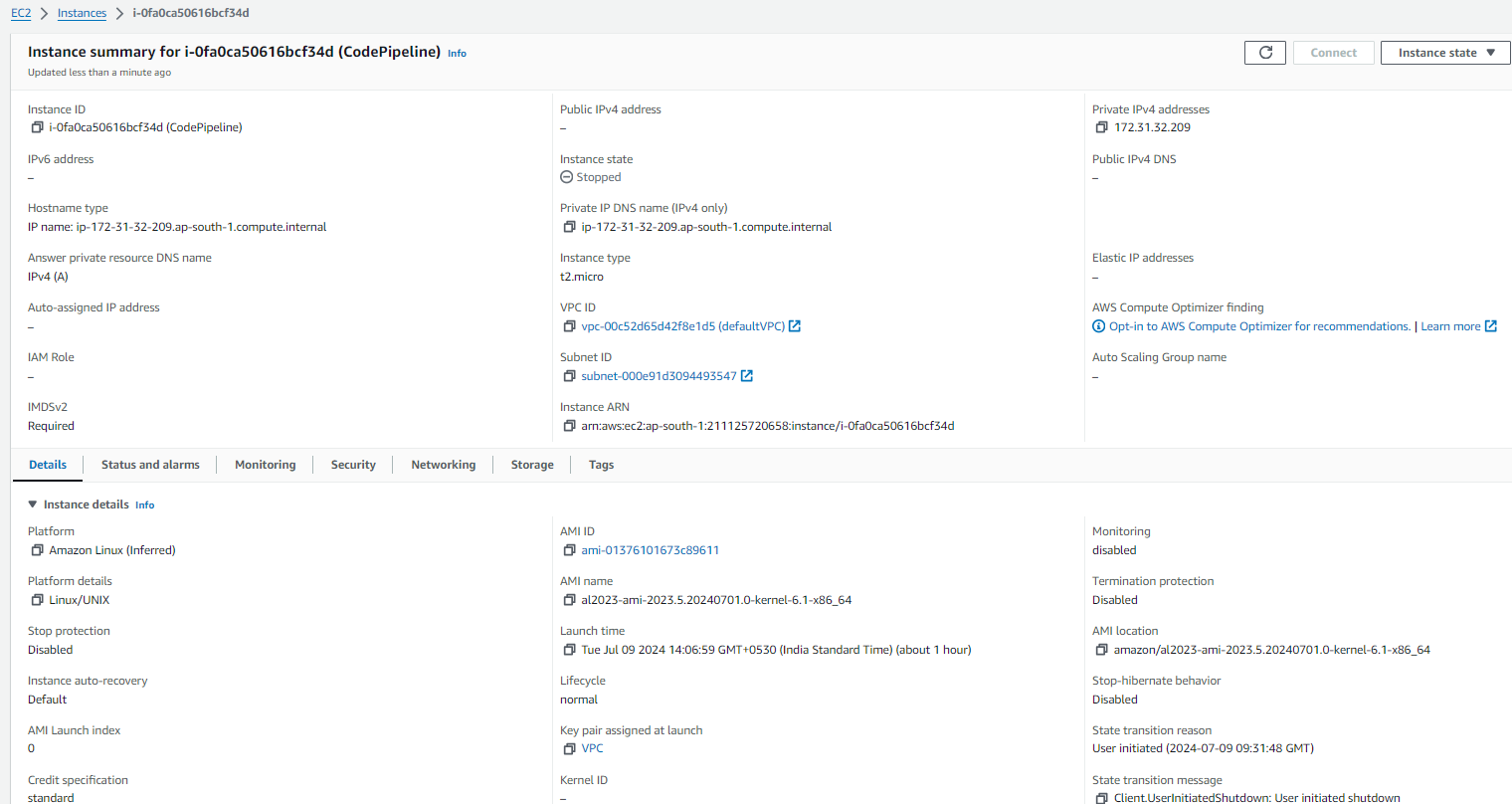
Deploy a simple Nginx application using AWS code commit and deploy & access via browser

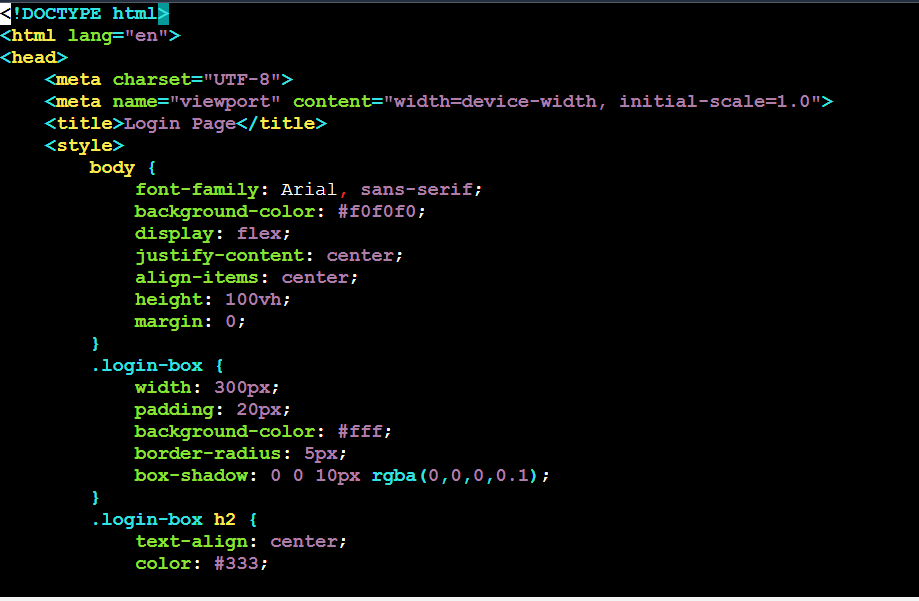
**Create a codecommit repository:**

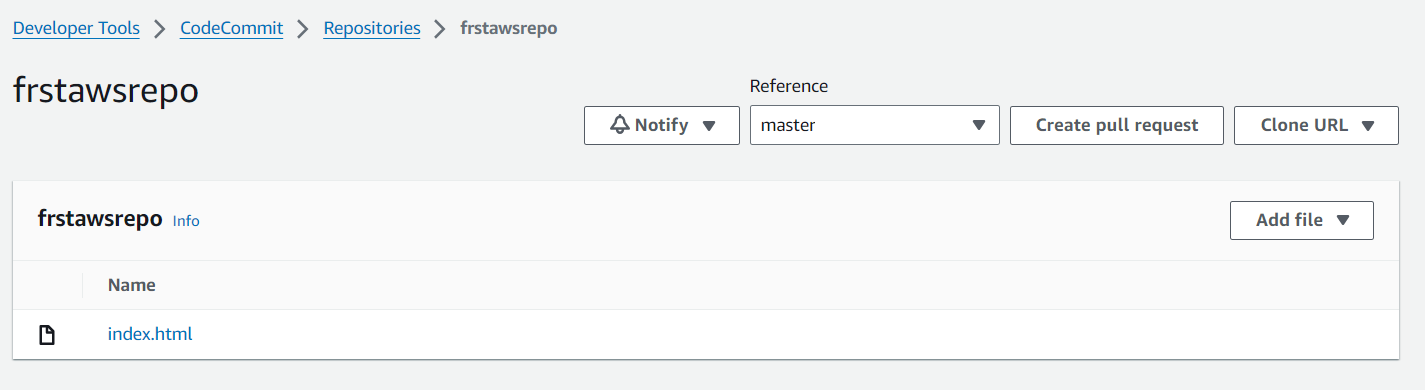


**Launch an ec2 intance(amazon linux):**



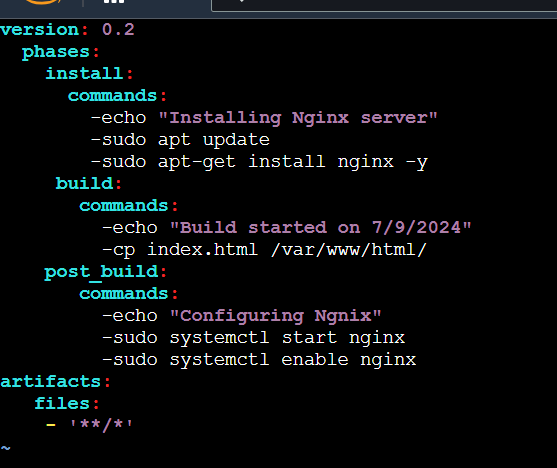
**Add and Push html code to the codecommit repository:**



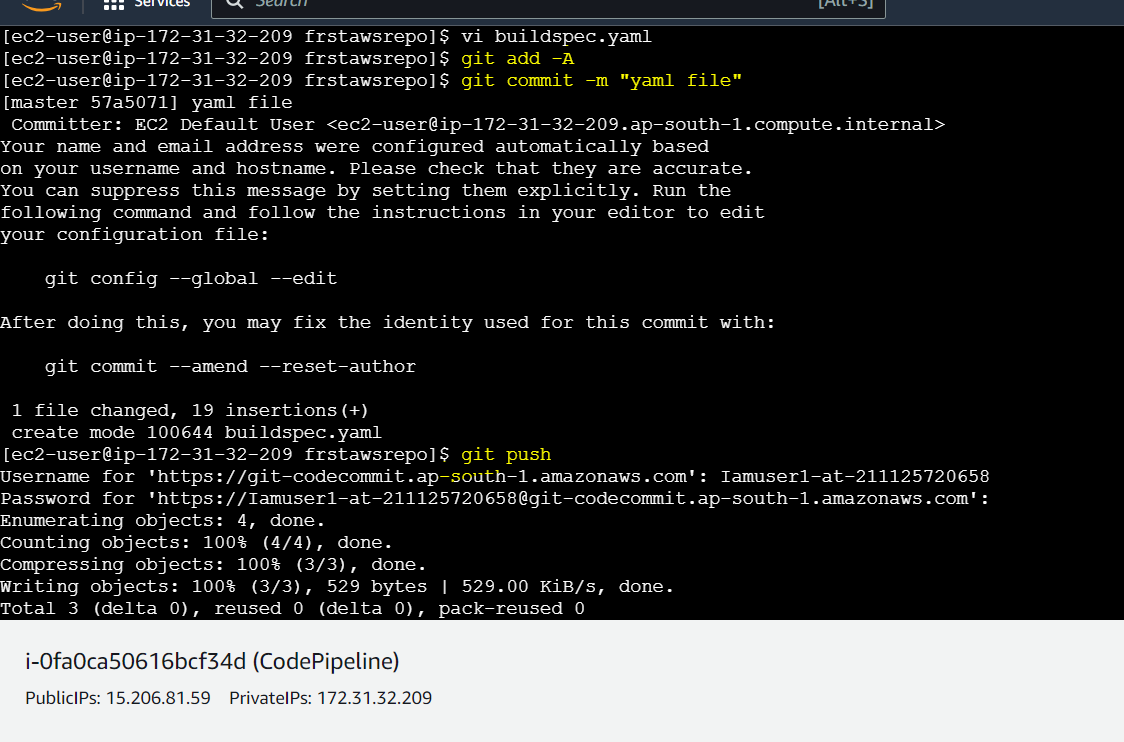
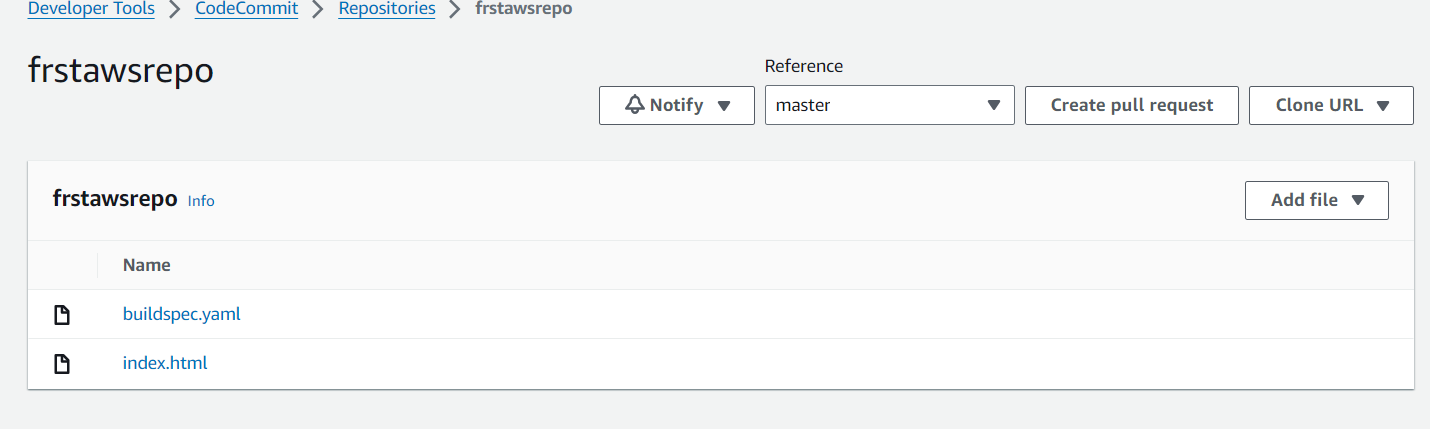


**To Build project:**

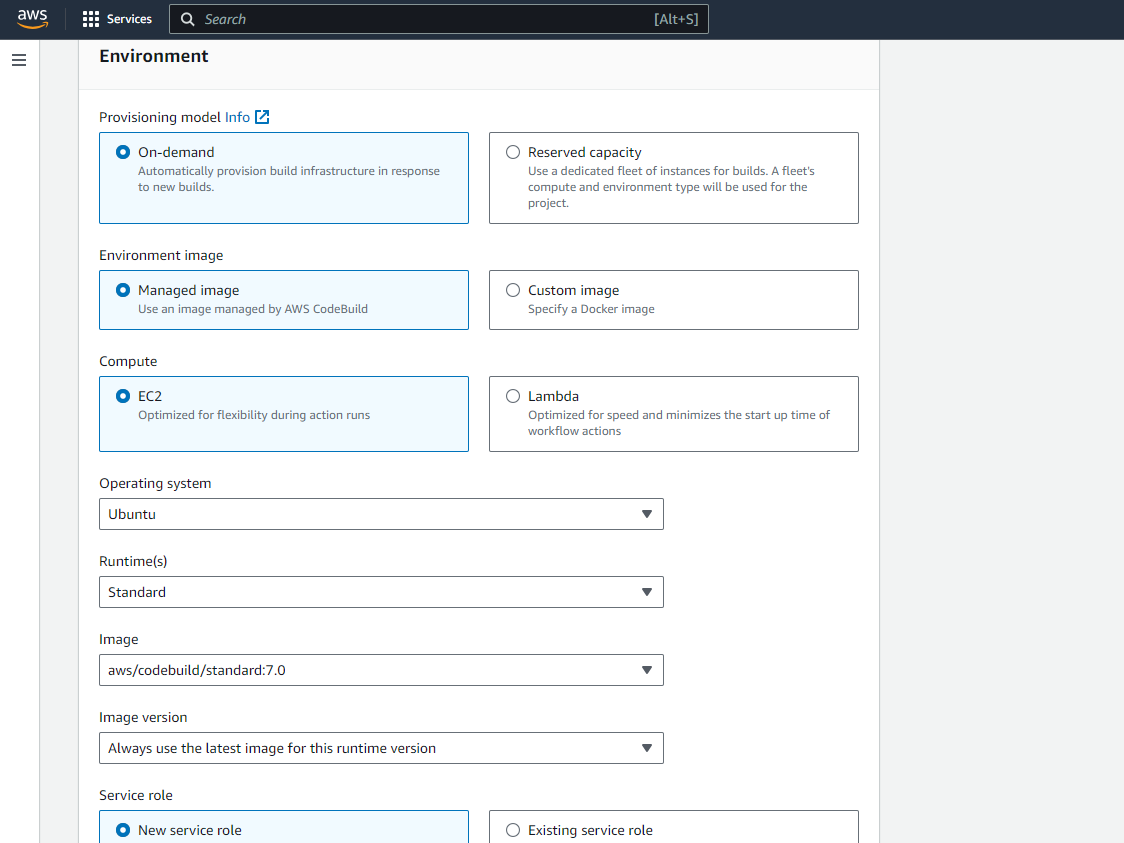
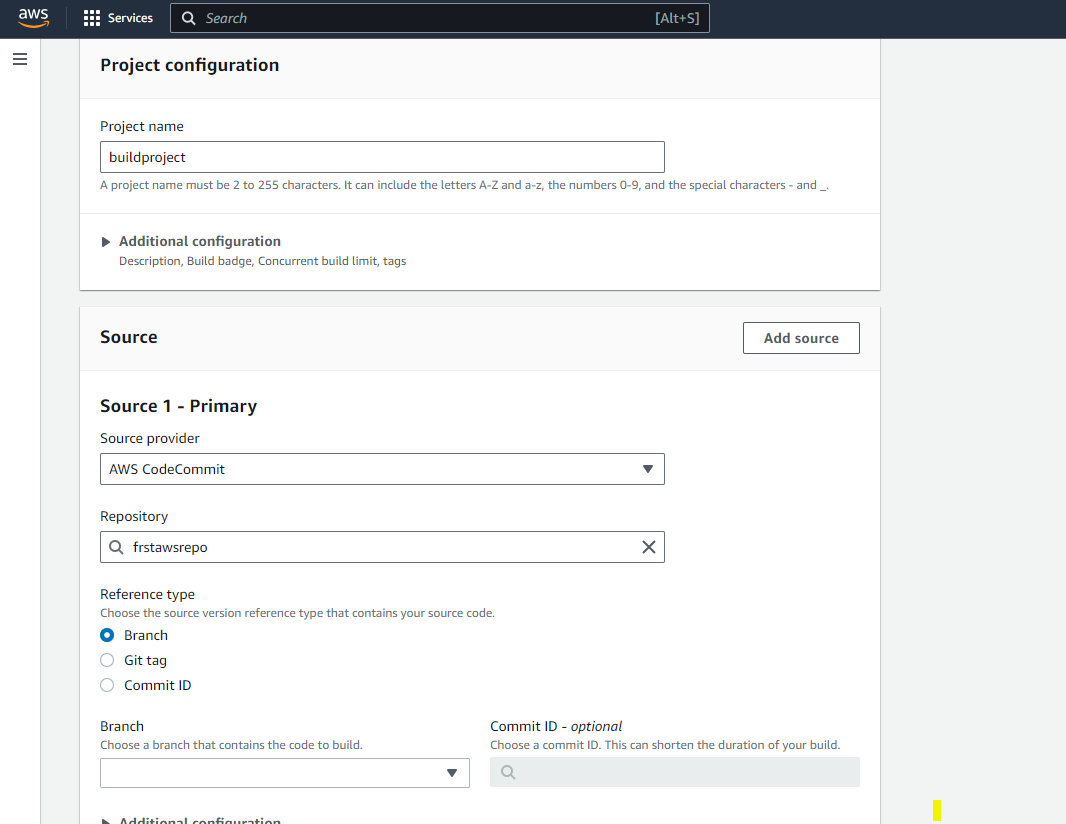
Creating buildspec.yaml file

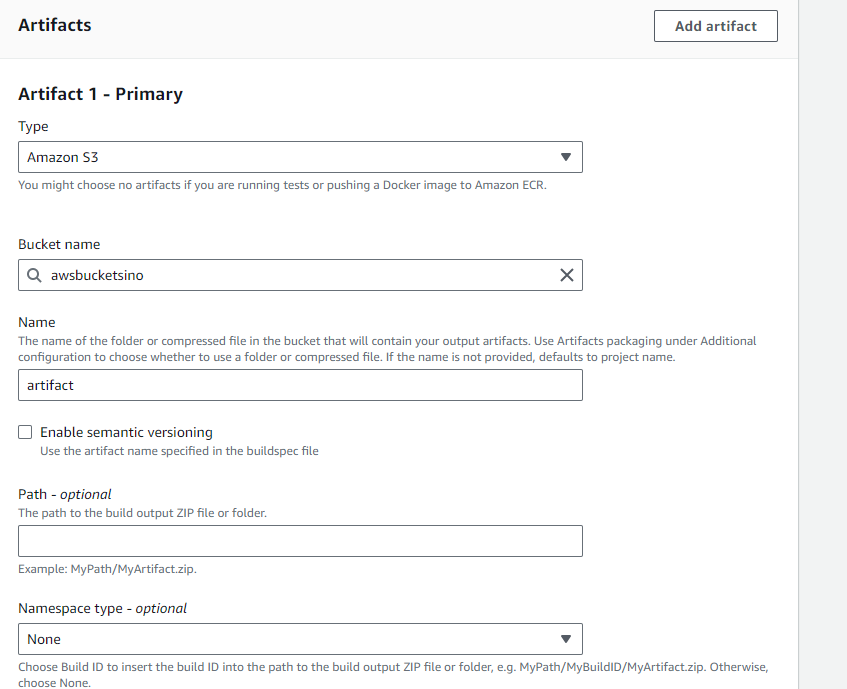


Pushing code to codecommit repository

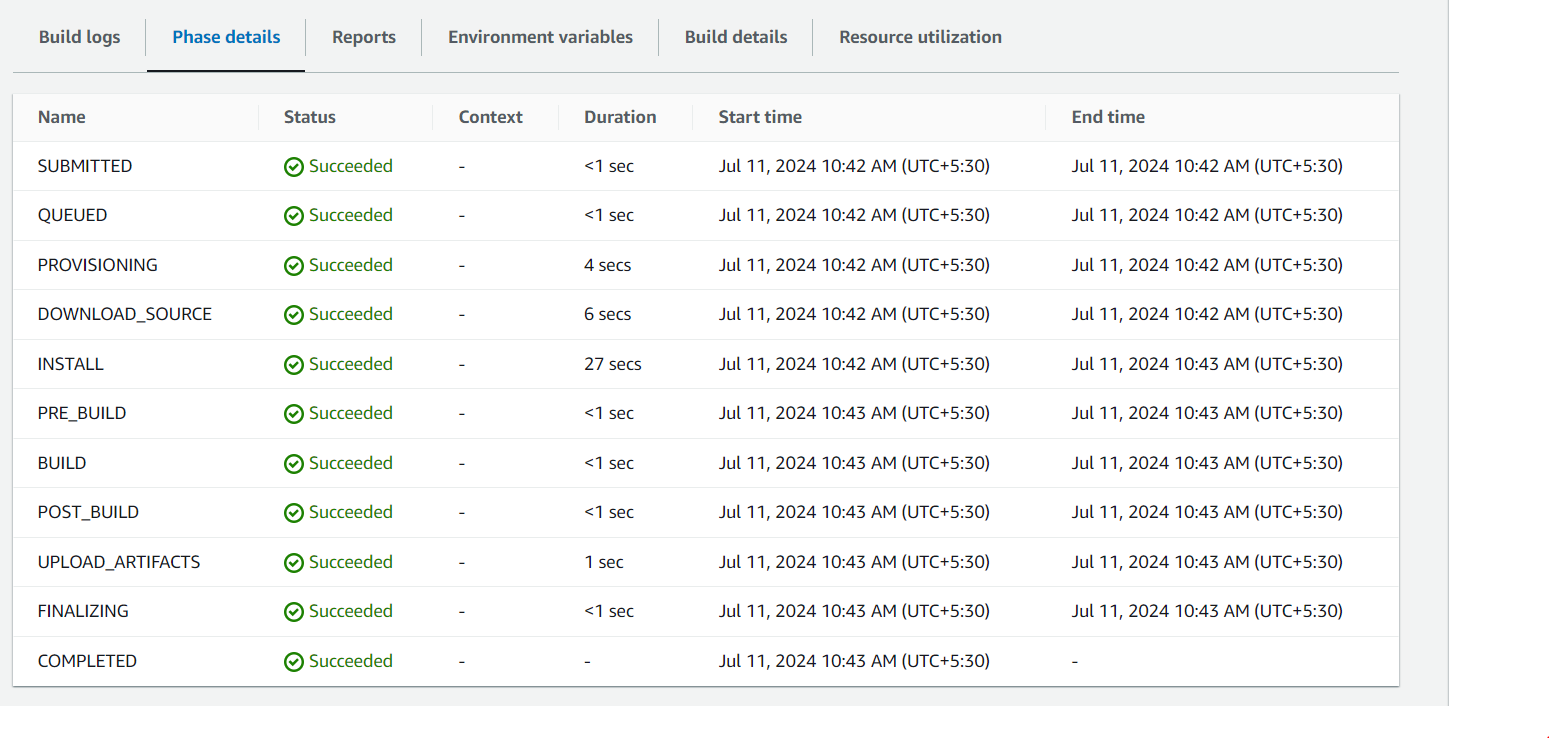
 

Create a build project:

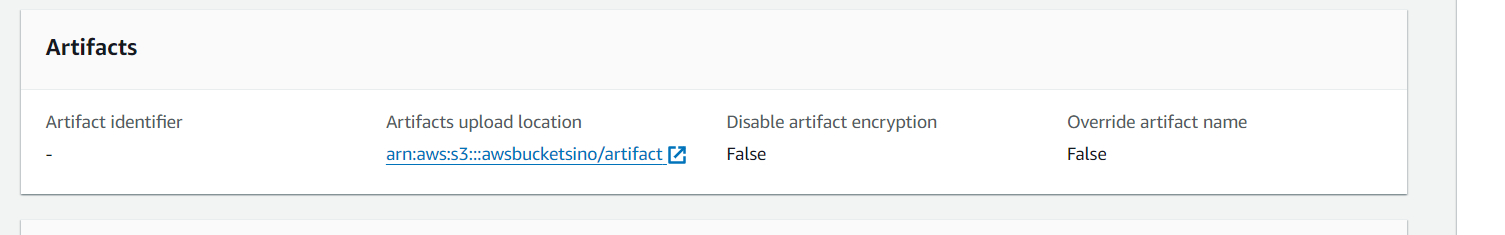


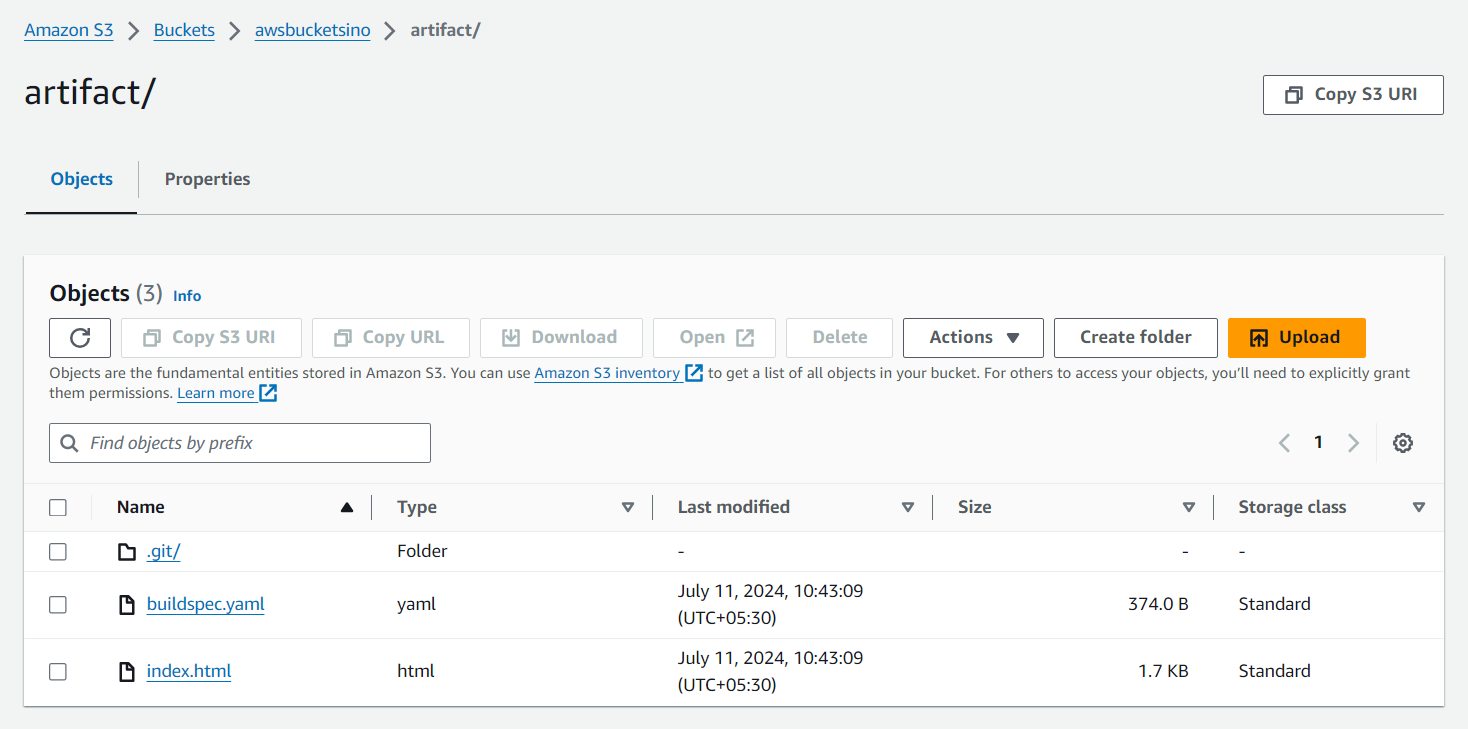


Build Completed Successfully:



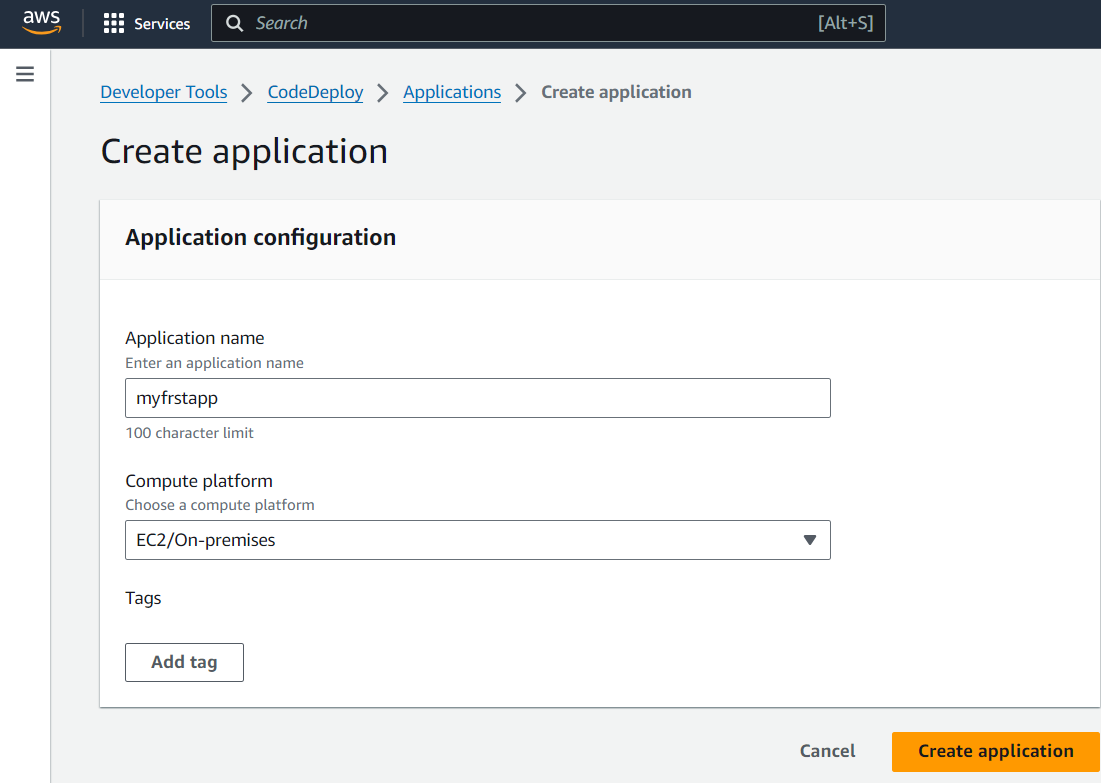
Artifact upload location:





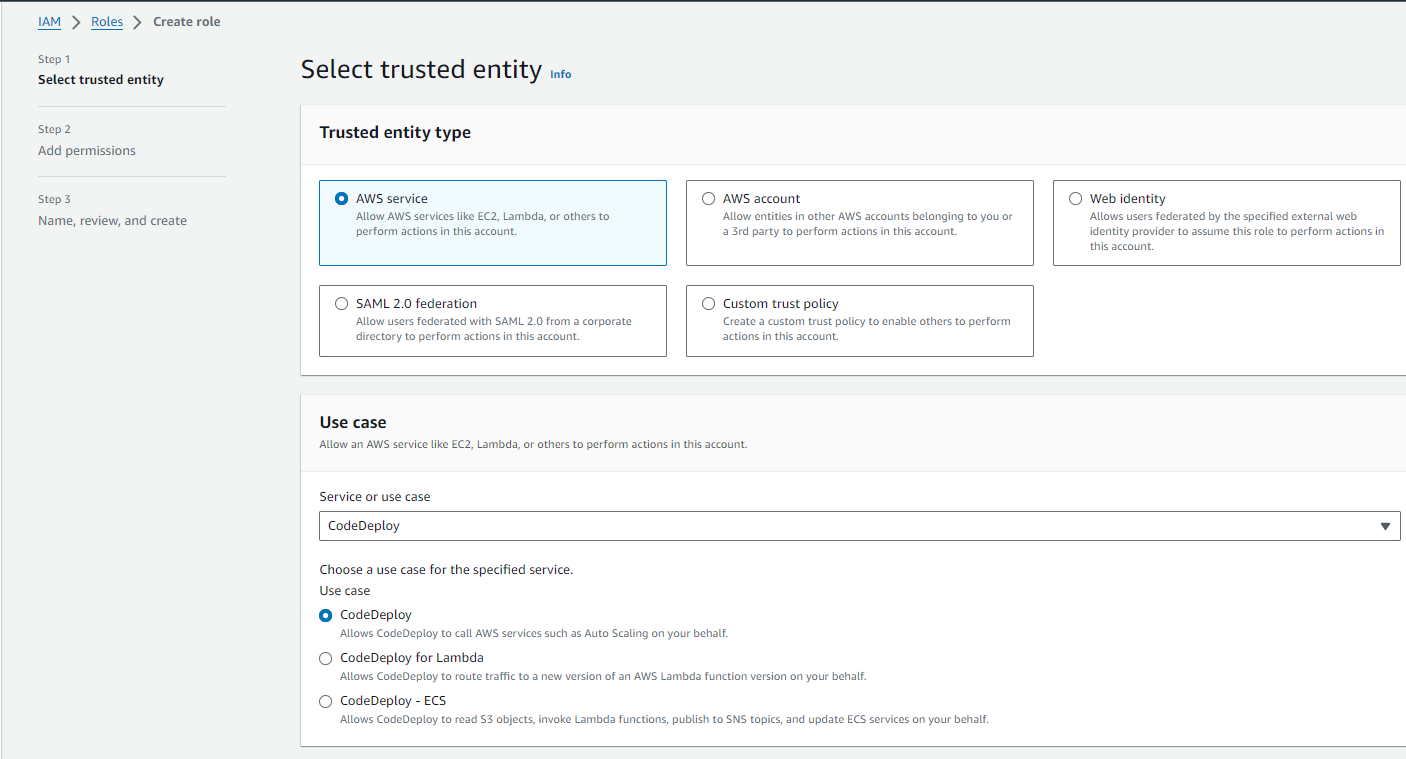
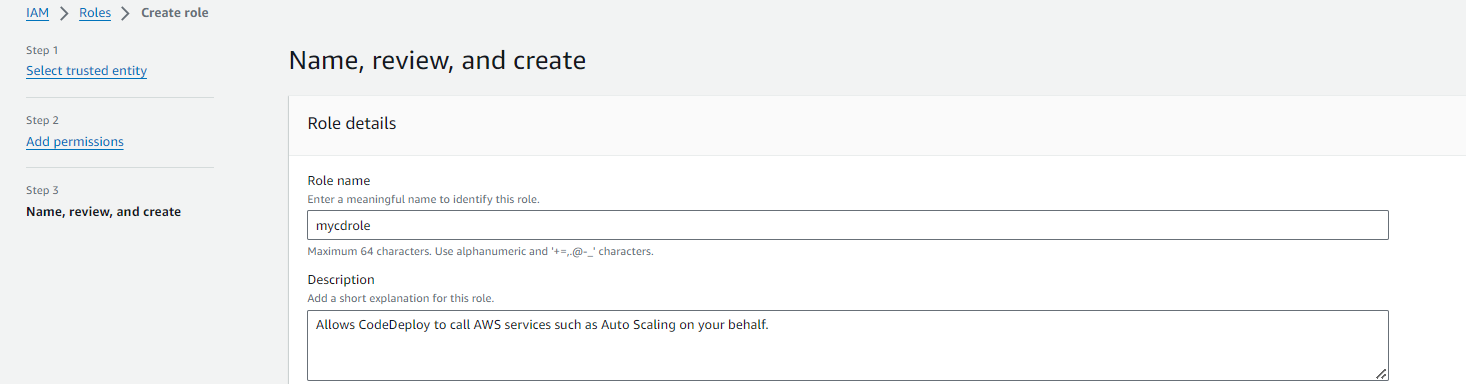
**Deploying the application in EC2 machine:**

Create application

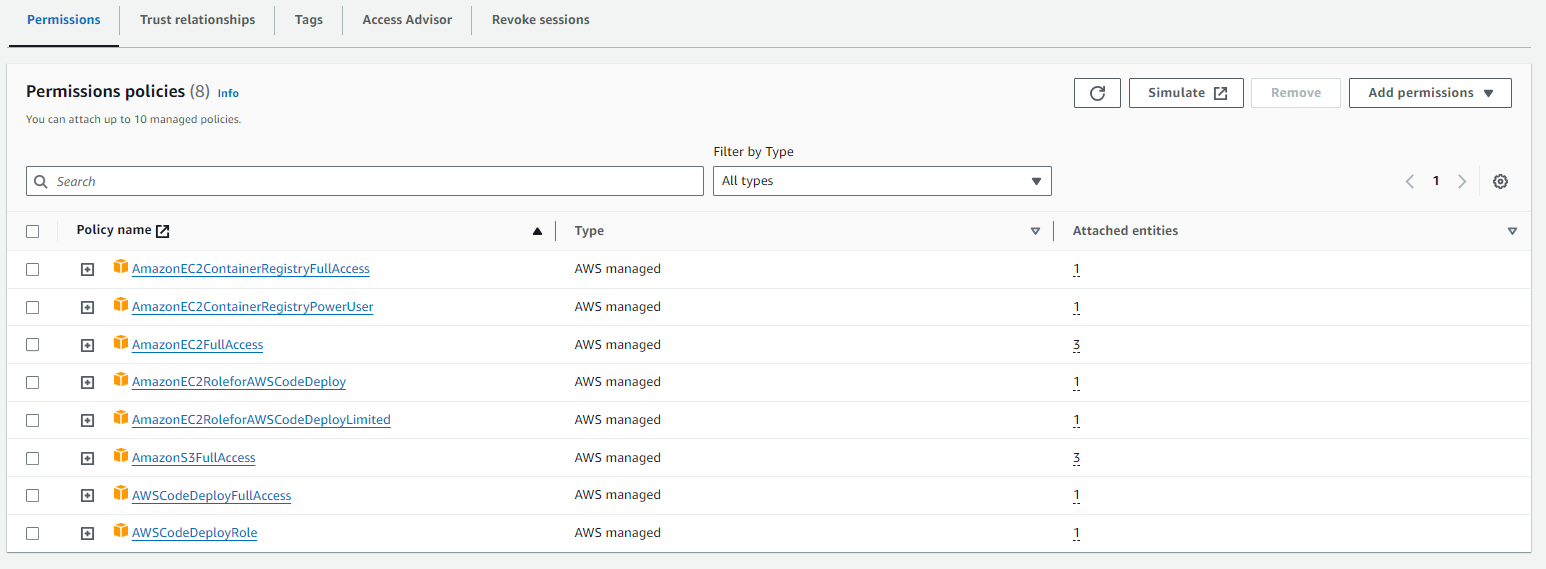


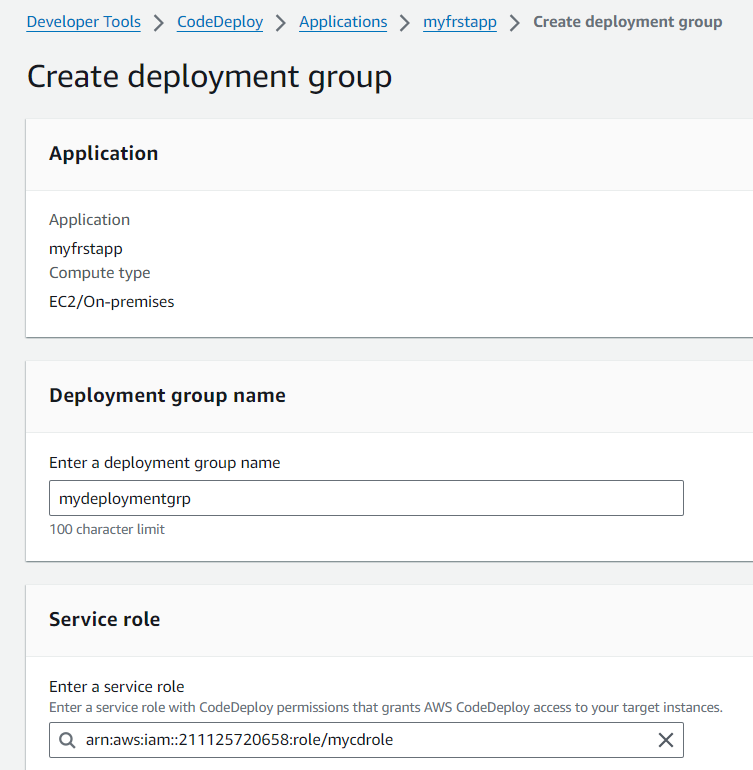
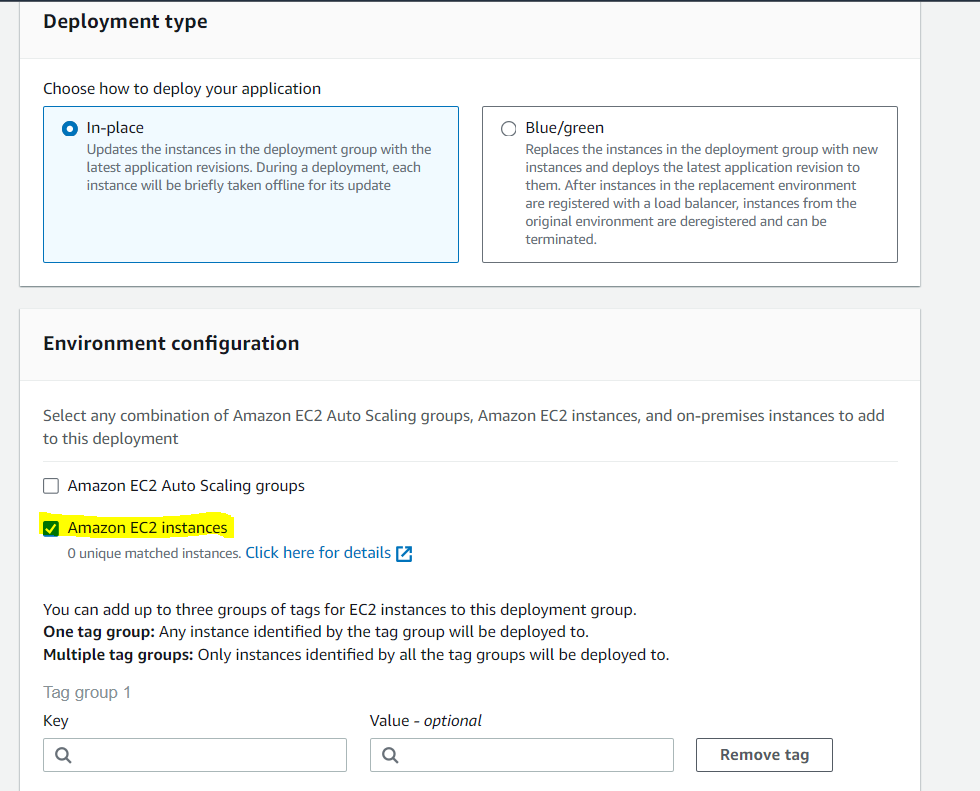
ROLE1:

To Create deployment group creating service role:

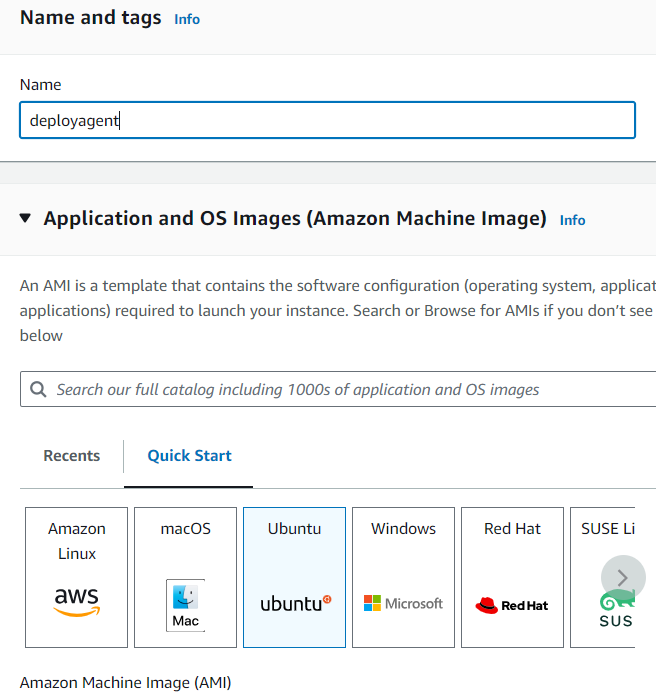
 

Add permissions and attach policies to the created role:



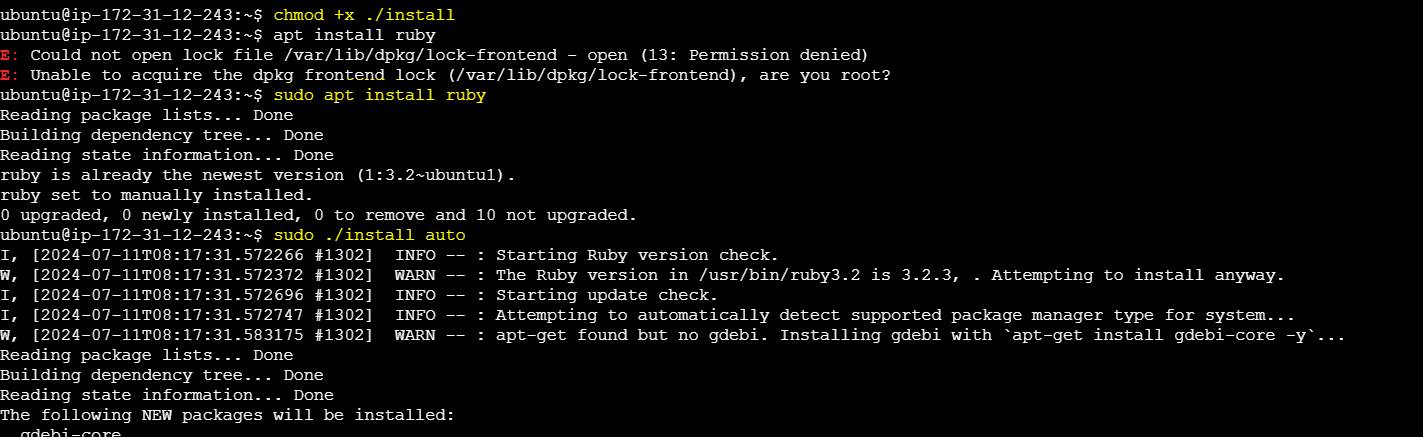
 

Create EC2 instance where the code should deploy:



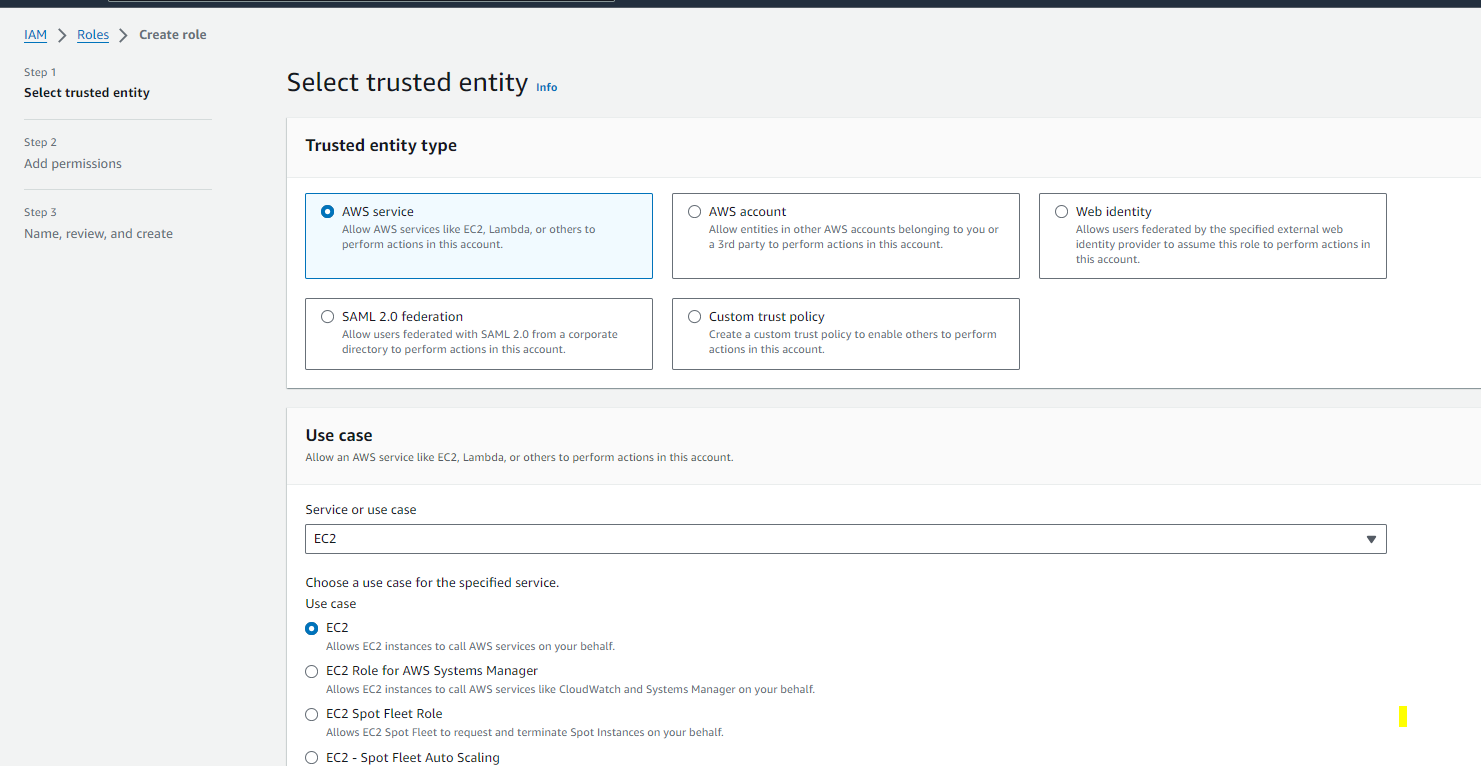
Execute the following commands in the EC2 machine:

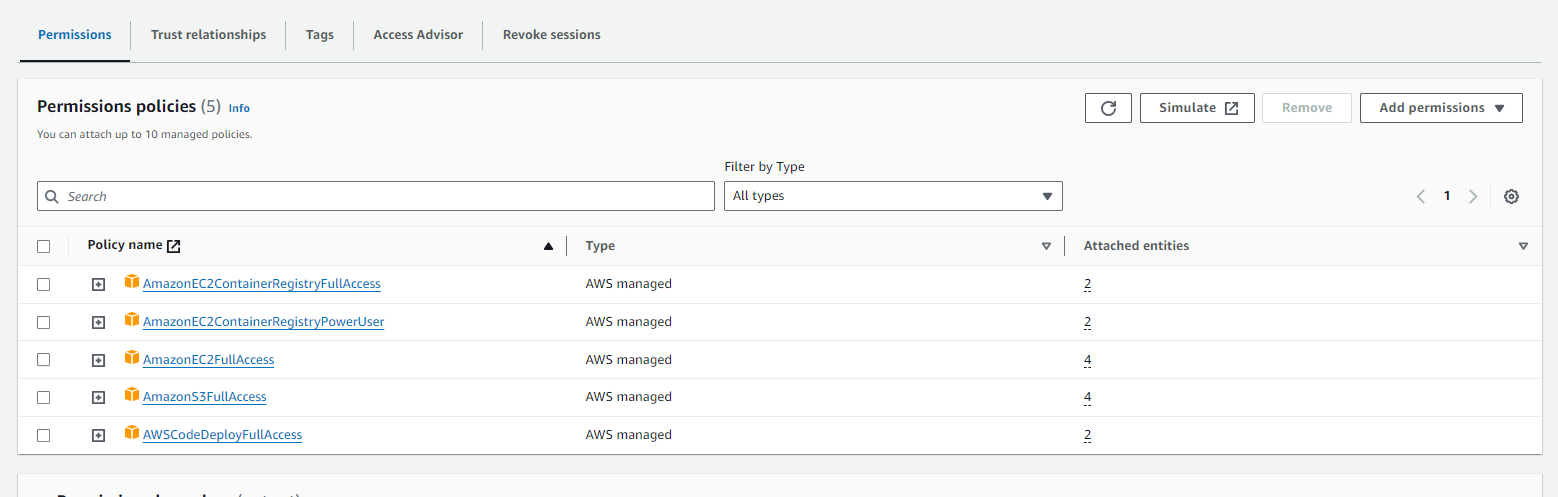




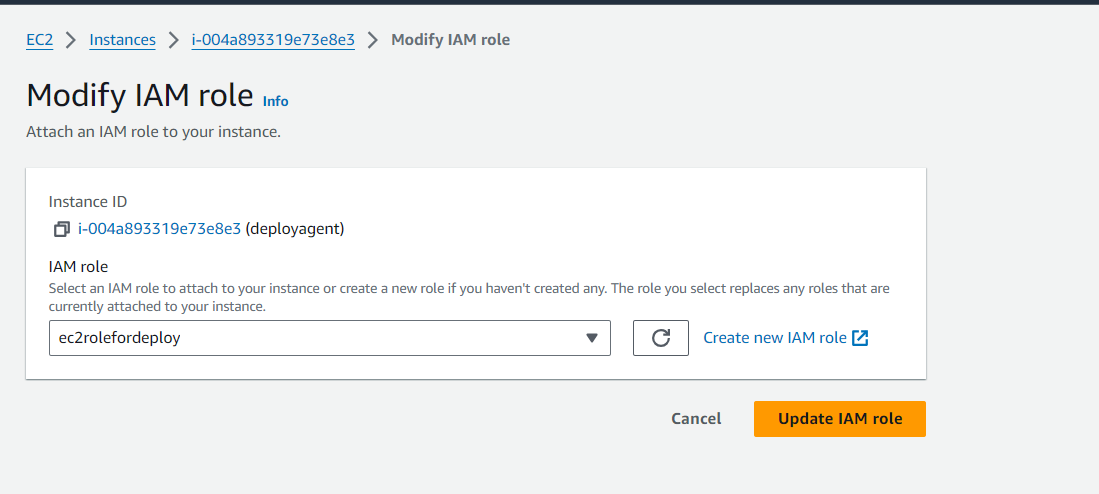
ROLE2:

Creating a role for EC2 machine:

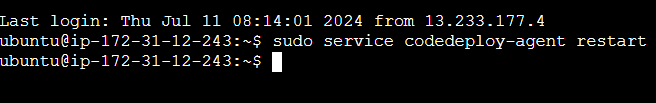


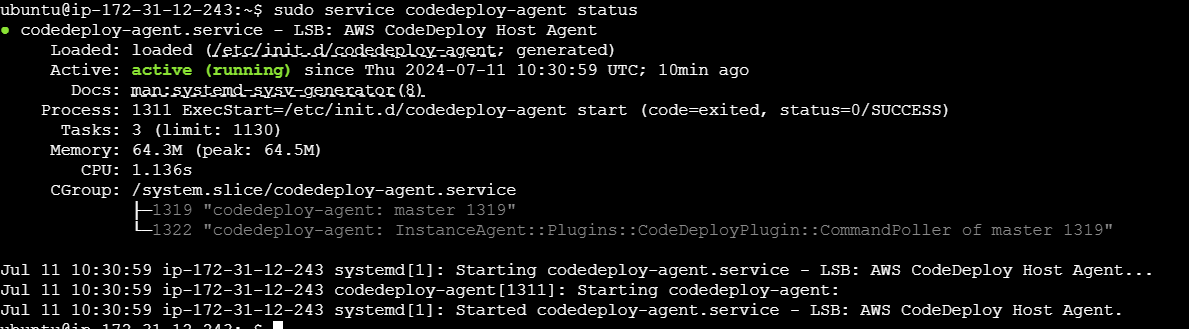


Attach role to EC2 machine:

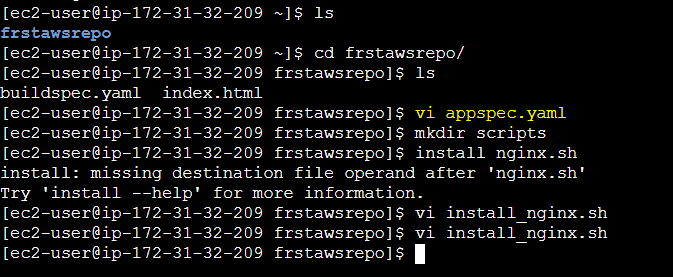
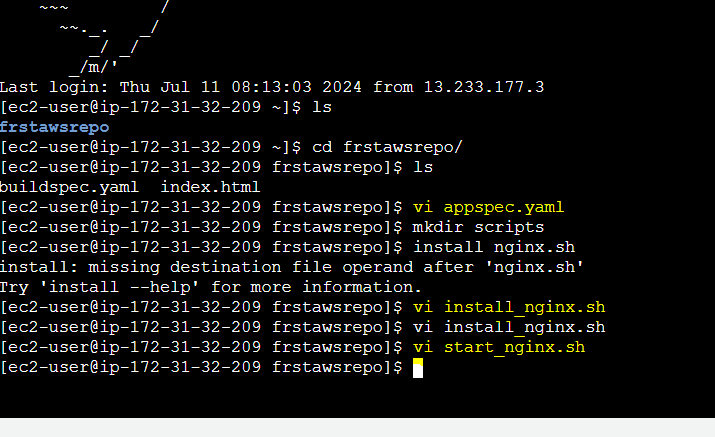


After updating IAM role restart the code deploy agent by using the following command:

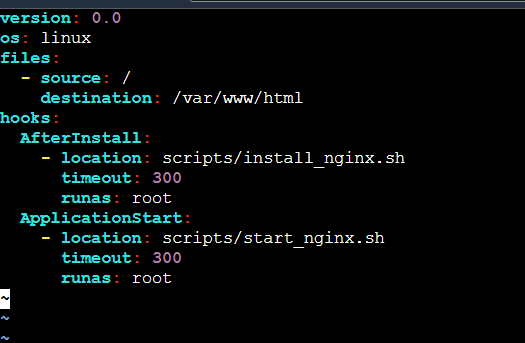




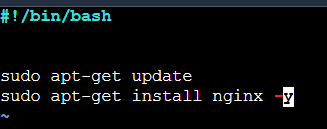
**For code deployement creating apspec.yaml file :**

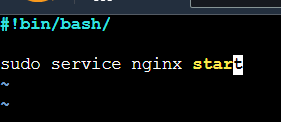
appspec.yaml



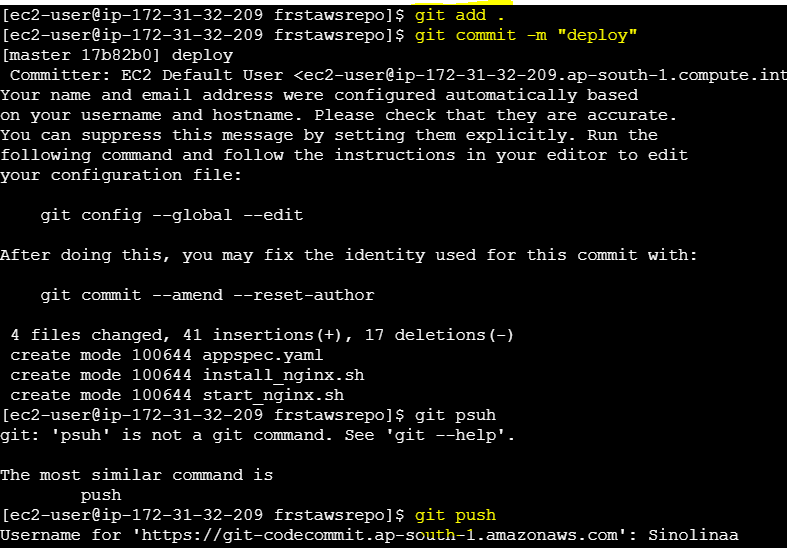
install\_nginx.sh



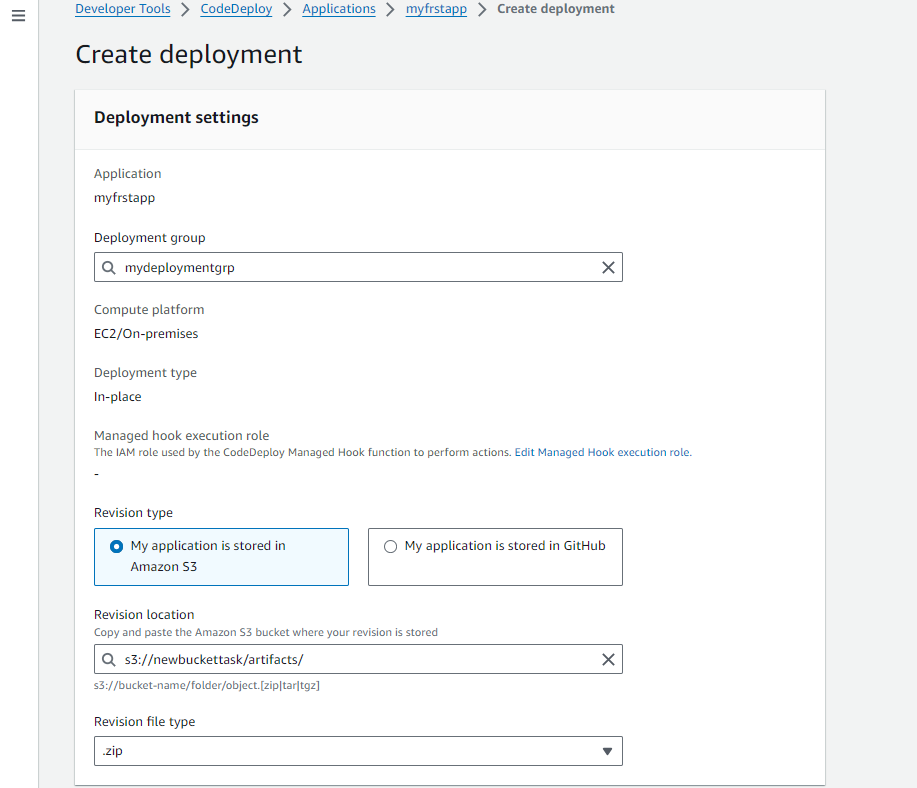
start\_nginx.sh



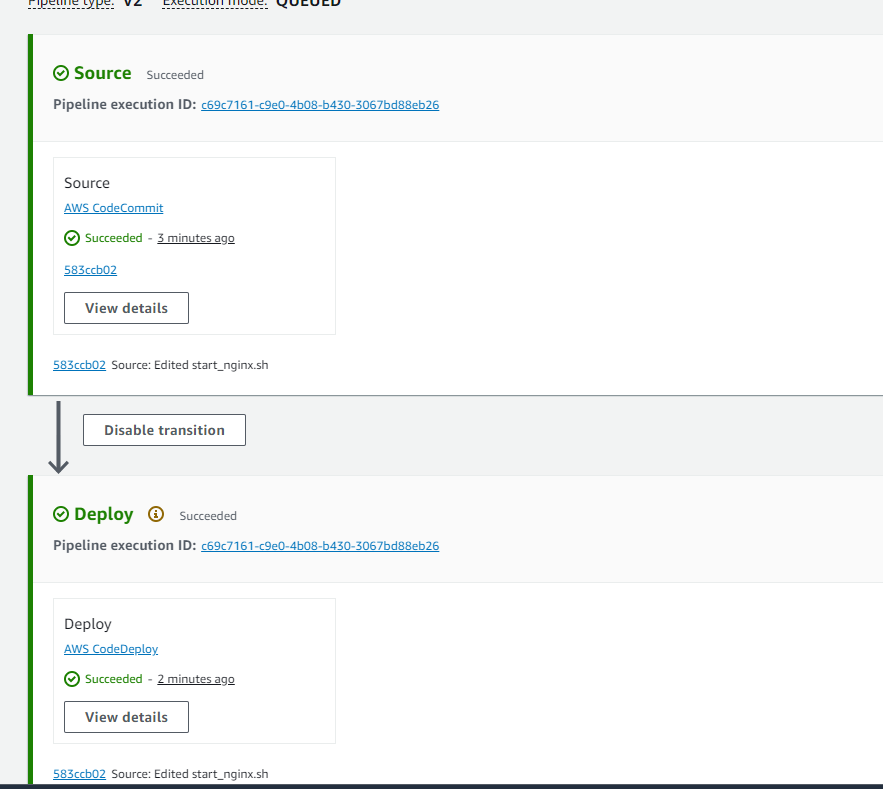
Pushing code to the repository:



Create deployment:



Create pipeline



FINAL OUTPUT:

