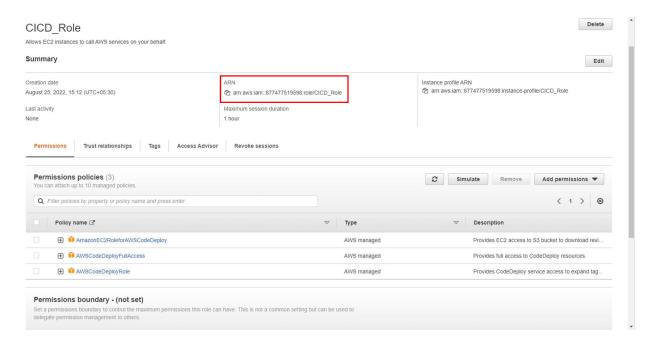
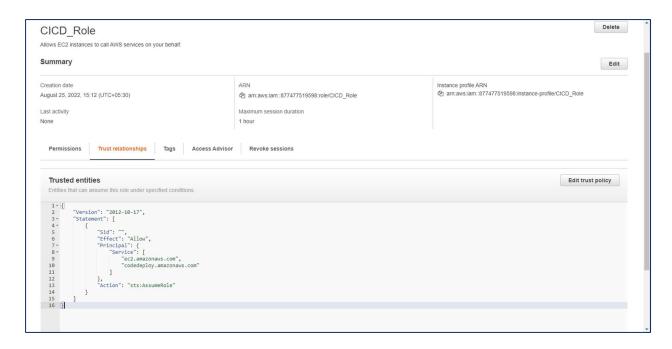
Assignment 11 :: Create CICD Pipeline to deploy sample application on EC2 Instance from source code which is stored in GitHub, It should automatically get triggered once source change committed

Step 1 :: Create an IAM role as below



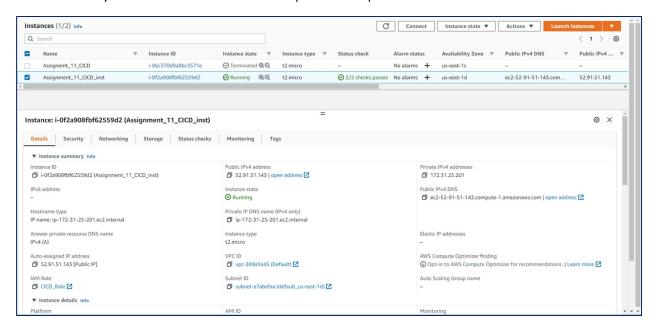
Note:: Make a note of ARN which needs to be given during creation of "Deployment Group"

Step 1.1 :: Click on "Trust relationship" tab and edit the trust policy as below



Step 2 :: Create an EC2 Instance as below

Note:: Ensure you add the IAM role created in previous step



Once the instance is UP run the below commands as root user

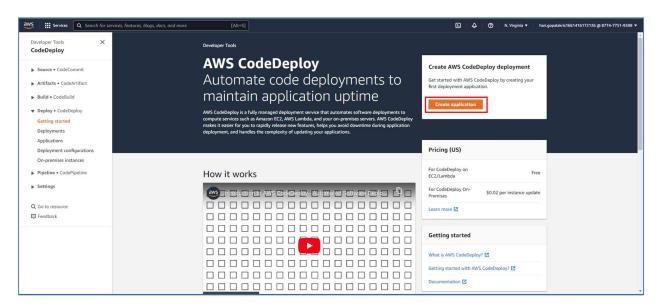
```
yum -y update
yum install -y ruby wget
cd /home/ec2-user
wget https://aws-codedeploy-us-east-1.s3.us-east-1.amazonaws.com/latest/install
chmod +x ./install
./install auto
```

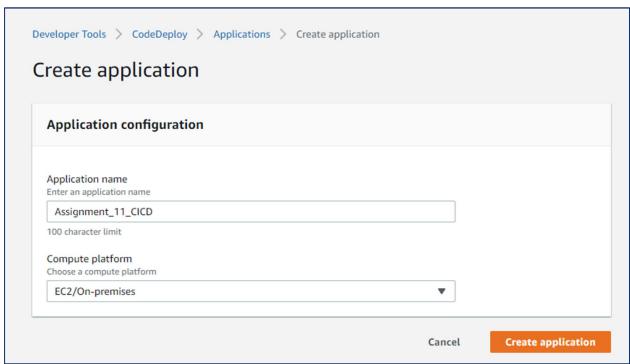
#### service codedeploy-agent start

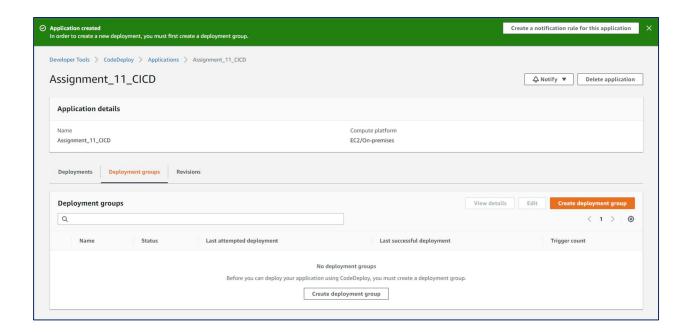
[root@ip-172-31-25-201 ec2-user]# service codedeploy-agent status The AWS CodeDeploy agent is running as PID 6431 [root@ip-172-31-25-201 ec2-user]#

#### Step 3 :: Create a CICD

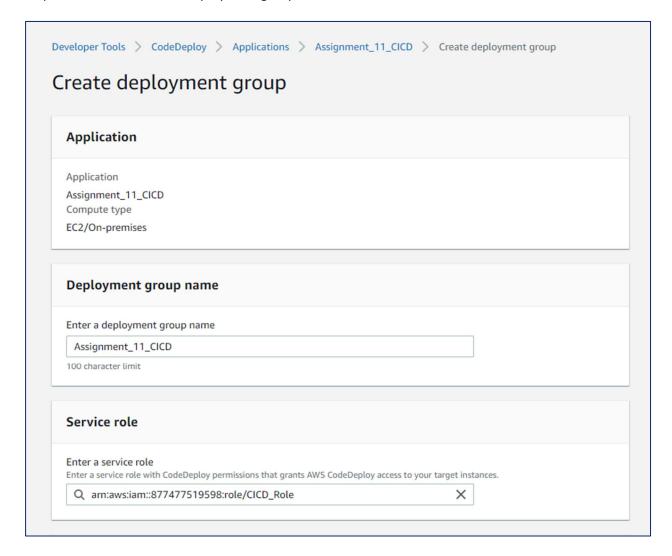
### Step 3.1: Goto CodeDeploy in services and click Create Application

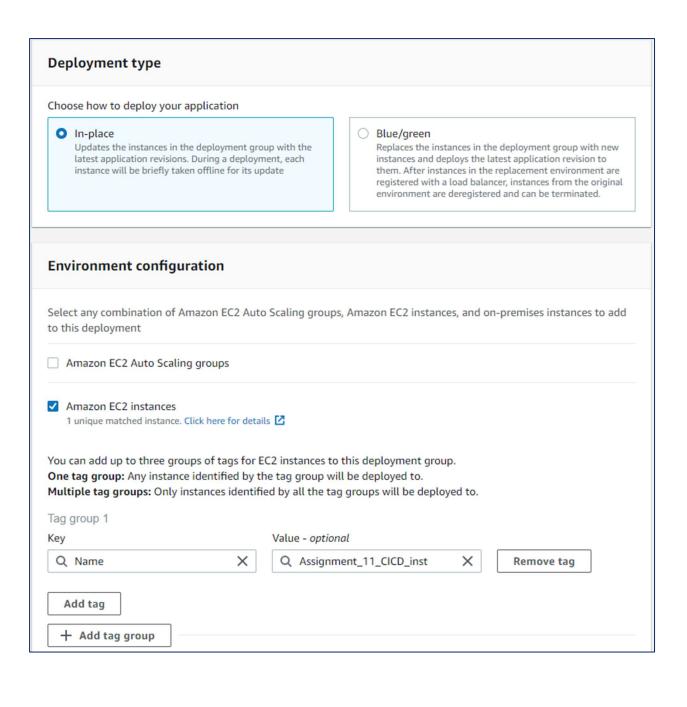


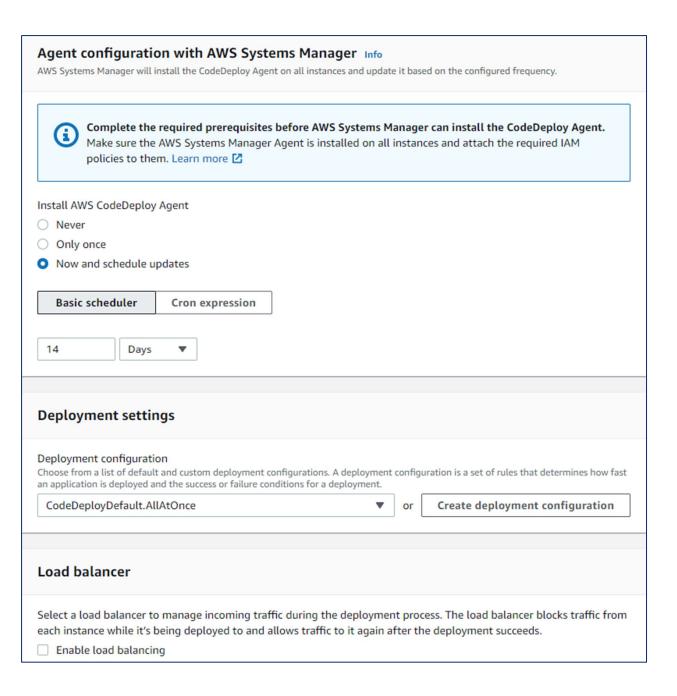


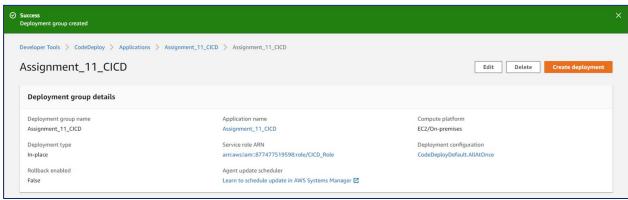


Step 3.2 :: Click on "Create deployment group" in above screen

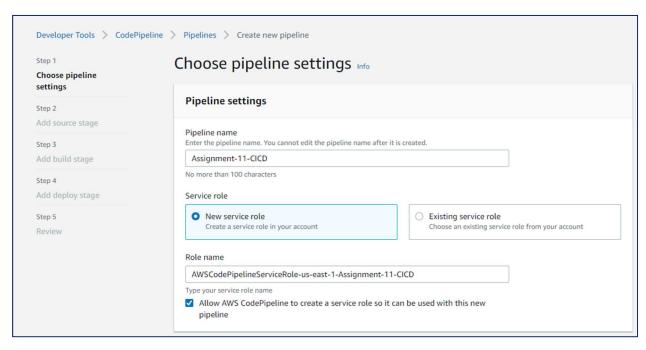


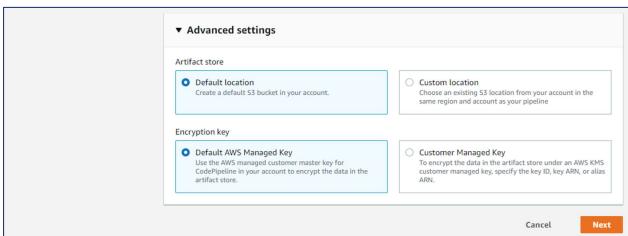


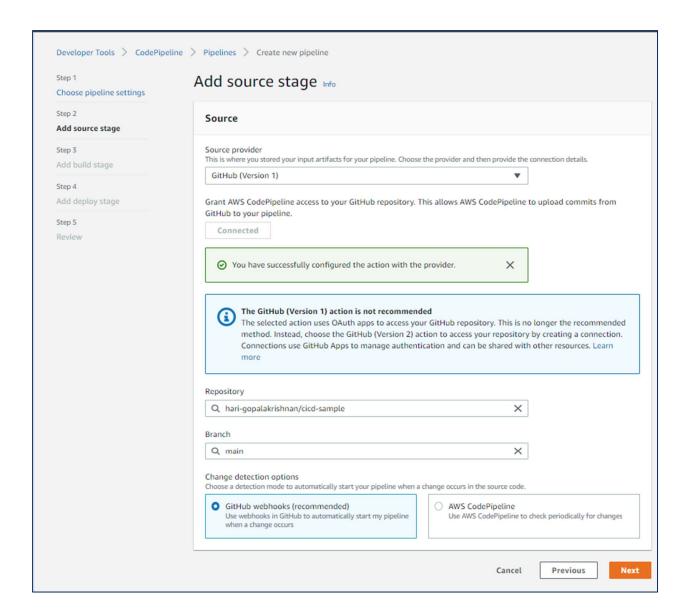




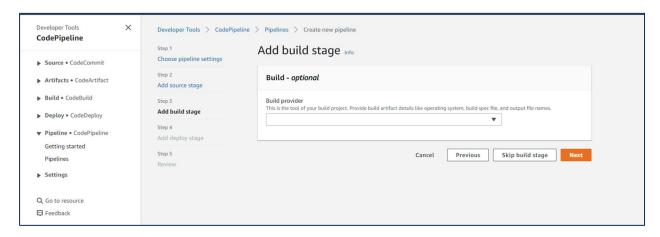
## Step 3.3 :: Create a Pipeline

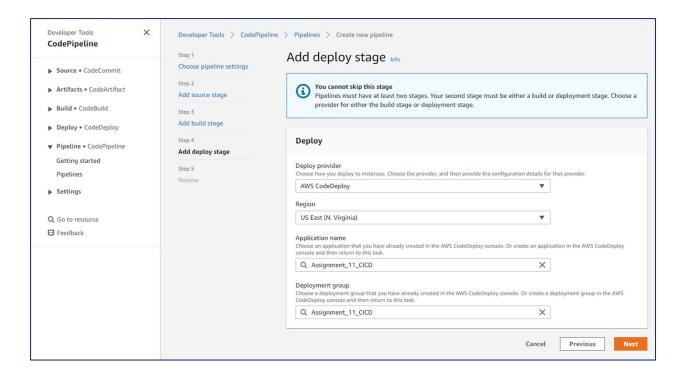




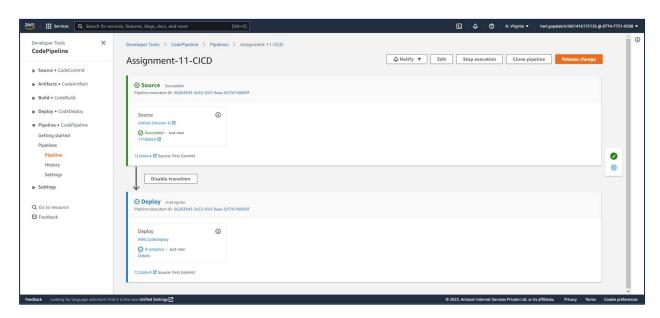


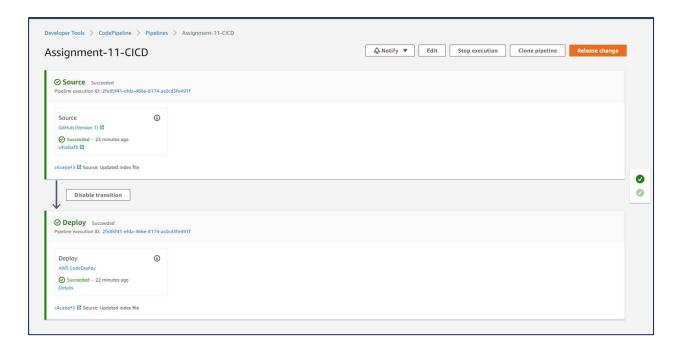
## Skip build stage



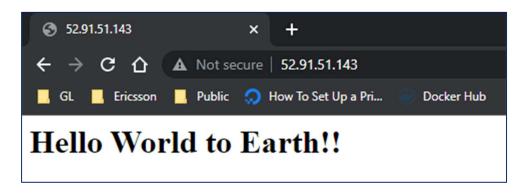


After reviewing the provided details click on "Create Pipeline"





#### Result 1::



# Result 2:: Now Do some changes in code

Changed the index.html file. Automatically it got triggered.

