Create Service role for ec2 instance and code deploy for ec2 instance

Create EC2 Instance with tags

Login to ec2 instance

Install codedeploy agent on your ec2 instance

```
#Install CodeDeploy agent on your EC2 instance:

sudo yum update
sudo yum install ruby
sudo yum install wget
cd /home/ec2-user
wget https://aws-codedeploy-eu-west-2.s3.amazonaws.com/latest/install
chmod +x ./install
sudo ./install auto
sudo service codedeploy-agent status

#Create your application.zip and load it into CodeDeploy:
aws deploy create-application --application-name mywebapp
aws deploy push --application-name mywebapp --s3-location s3://<MY_BUCKET_NAME>/webapp.zip --i
```

We need to configure our local machine as developer machine which is going to connect to codedeploy and which is going to package up our code and upload it to s3 for code deploy to use

Create IAM user and configure local machine

```
Fayes-iMac:CodeDeployLab fayeellis$ ls
mywebapp mywebapp.zip
Fayes-iMac:CodeDeployLab fayeellis$ cd mywebapp
Fayes-iMac:mywebapp fayeellis$ ls
appspec.yml index.html sdripts
Fayes-iMac:mywebapp fayeellis$
```

```
version: 0.0
os: linux
files:
  - source: /index.html
    destination: /var/www/html/
hooks:
  BeforeInstall:
    - location: scripts/install_dependencies.sh
      timeout: 300
      runas: root
    - location: scripts/start_server.sh
      timeout: 300
      runas: root
  ApplicationStop:
    - location: scripts/stop_server.sh
      timeout: 300
      runas: root
```

```
~/CodeDeployLab/mywebapp/index.html
        body {
          color: #000000;
          background-color: #FFFF00;
9
          font-family: Arial, sans-serif;
10
          font-size: 14px;
11
12 -
13
        h1 {
14 *
          font-size: 500%;
15
          font-weight: normal;
16
          margin-bottom: 0;
17
18 -
19
        h2 {
20 -
          font-size: 200%;
21
          font-weight: normal;
22
          margin-bottom: 0;
23
24 -
      </style>
25 -
   </head>
27 - <body>
      <div align="center">
28 +
        <h1>Hello Cloud Gurus!</h1>
29
        <h2>This is version 1.0 of my application.</h2>
30
      </div>
  </body>
33 - </html>
```

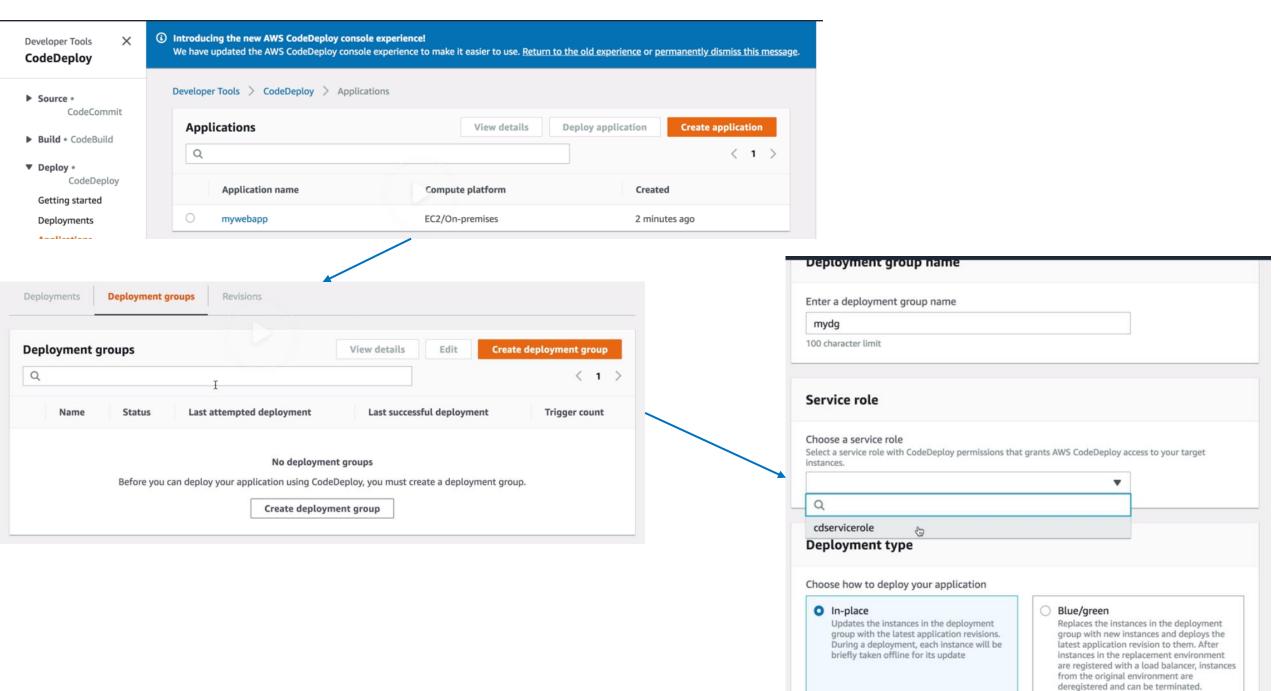


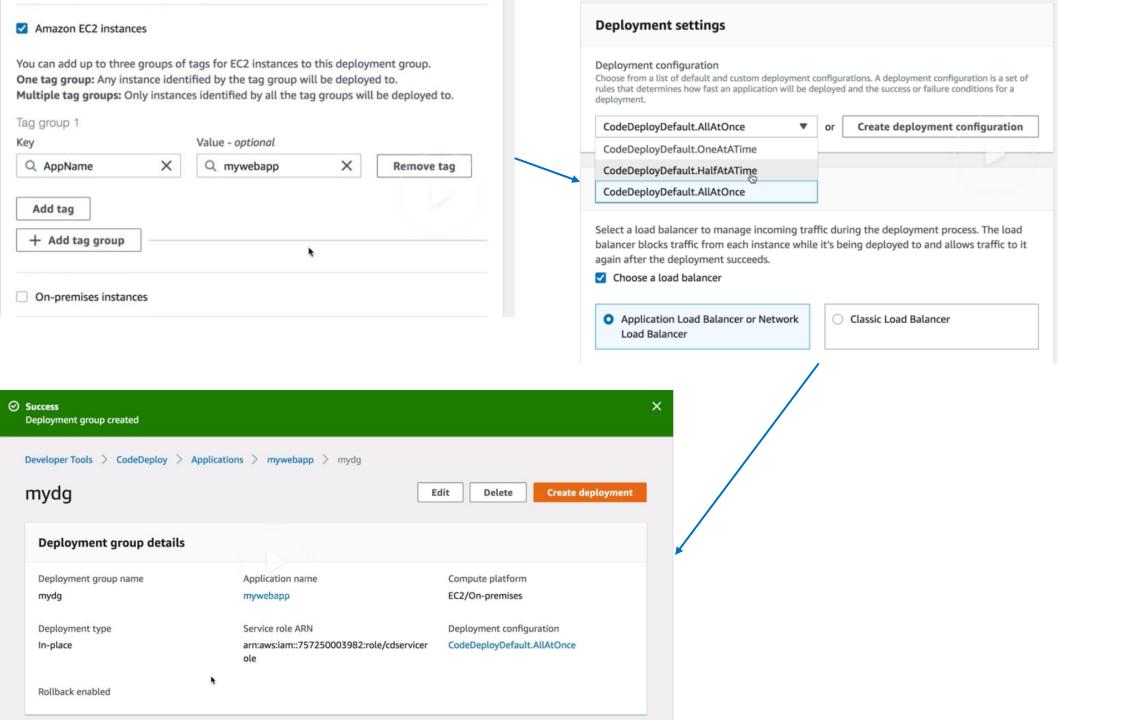


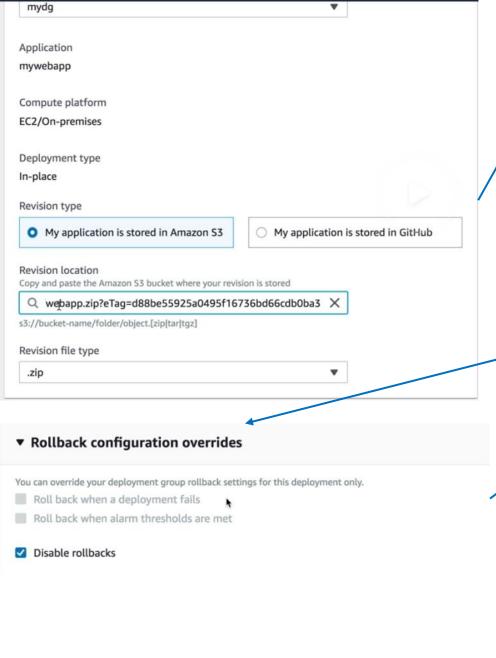


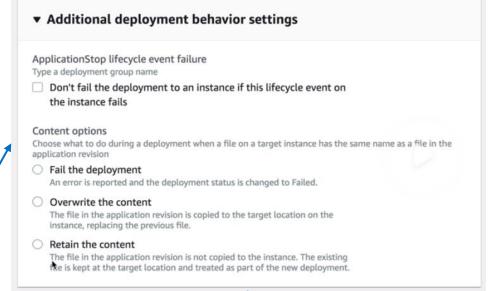
Create an application in code deploy and push it to s3

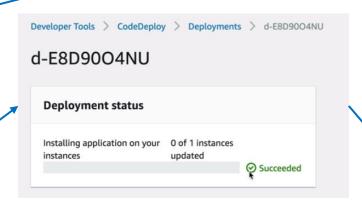
```
Fayes-iMac:mywebapp fayeellis$ aws deploy create-application --applicati
on-name mywebapp
fb43760c-dd97-4912-a246-5343303218d5
Fayes-iMac:mywebapp fayeellis$ aws deploy push --application-name myweba
pp --s3-location s3://cdbucket-faye/webapp.zip --ignore-hidden-files
To deploy with this revision, run:
aws deploy create-deployment --application-name mywebapp --s3-location b
ucket=cdbucket-faye, key=webapp.zip, bundleType=zip, eTag=d88be55925a0495f1
6736bd66cdb0ba3 --deployment-group-name <deployment-group-name> --deploy
ment-config-name <deployment-config-name> --description <description>
Fayes-iMac:mywebapp fayeellis$ ls
appspec.yml index.html scripts
Fayes-iMac:mywebapp fayeellis$
```











← → C ① Not Secure | 35.177.255.208

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Hello Cloud Gurus!

This is version 1.0 of my application.