Zip file contains:

**1) Dockerfile**

**2) Ansiblebook files (.yml)**

**3) samplejavaapp source code**

**4) pem files to access Jenkins Server and PROD node**

**5) README.doc File**

Server/Repository Details

Jenkins Server: http://18.118.198.107:8080/

Jenkins credentials: admin/admin

Git Repository

<https://github.com/prabhu2527/project2.git>

Docker hub repository

**prabhu2527/samplejavaapp**

**Application running in PROD**

**http://3.15.155.57:30640/sampleapp/**

Jenkins Server SSH Access:

ssh -i "demo.pem" ubuntu@ec2-18-118-198-107.us-east-2.compute.amazonaws.com

QAMasterNew:

ssh -i "PROD.pem" [ubuntu@ec2-3-15-156-139.us-east-2.compute.amazonaws.com](mailto:ubuntu@ec2-3-15-156-139.us-east-2.compute.amazonaws.com)

QAWorkerNew:

ssh -i "PROD.pem" ubuntu@ec2-3-15-38-166.us-east-2.compute.amazonaws.com

PRODMasterNode:

ssh -i "PROD.pem" [ubuntu@ec2-3-15-155-57.us-east-2.compute.amazonaws.com](mailto:ubuntu@ec2-3-15-155-57.us-east-2.compute.amazonaws.com)

PRODWorkerNode:

ssh -i "PROD.pem" ubuntu@ec2-3-131-151-148.us-east-2.compute.amazonaws.com

PROJECT2 CICD PIPELINE Configuration

Codereview

JOb2

cd /var/lib/jenkins/workspace/Job2/install

sudo ansible-playbook --inventory /etc/ansible/myinv --private-key /etc/ansible/PROD.pem Docker\_install.yml -u ubuntu --extra-vars "env=qa"

Job3

cd /var/lib/jenkins/workspace/Job3/

sudo docker build --file Dockerfile --tag prabhu2527/project1:$BUILD\_NUMBER .

sudo docker login -u prabhu2527 -p $DOCKER\_HUB\_PWD

sudo docker push prabhu2527/project1:$BUILD\_NUMBER

cd ./install

sudo ansible-playbook --inventory /etc/ansible/myinv --private-key /etc/ansible/PROD.pem Docker\_run.yml -u ubuntu --extra-vars "env=qa tag=prabhu2527/project1:$BUILD\_NUMBER"

Job4

#cleanup docker process if Job3 fails, Only runs when Job3 fails

Testing: Tomcat Server with PHP Application deployed

<http://18.222.176.151:9080/project1/content/contact.php>

PLS NOTE: Jenkins server is very slow due to capacity constraint

Snapshots

























































