1ST PROJECT

NAME: Malaga Venkata naga sai pavan Prabhas

EMAIL: prabhasnaidu03@gmail.com

MOBILE NO: 7095702702 BATCH NO: 3PM, B-113

COURSE: AWS, DEVOPS AND AZURE TRAINER NAME: V. MADHUKAR REDDY

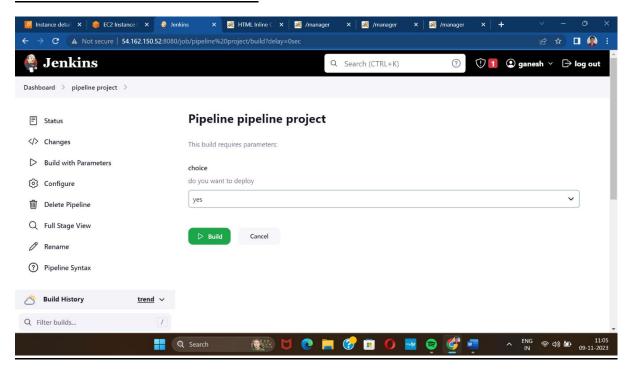
Project: deploying a application into different environments

pipeline script:

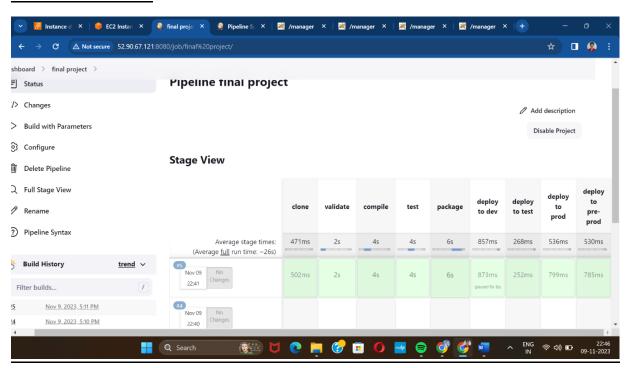
```
pipeline {
  agent any
  parameters{
    choice(
      choices:['YES','NO'],
      description: 'deploy to tomcat?',
      name:'DEPLOY'
    )
  }
  stages{
    stage('clone'){
      steps{
         git 'https://github.com/Venna12/dockerjenkin.git'
      }
    stage('validate'){
      steps{
         sh 'mvn validate '
    }
    stage('compile'){
      steps{
         sh 'mvn compile'
      }
    }
    stage('test'){
      steps{
         sh 'mvn test'
      }
    }
    stage('package'){
      steps{
         sh 'mvn package'
```

```
stage('deploy to dev'){
      when{
        expression{
           params.DEPLOY == 'YES'
        }
      }
      steps{
        input "do you want to deploy to dev Env"
        deploy adapters: [tomcat9(credentialsId: 'tom1', path: ", url: 'http://100.26.34.45:8080/')],
contextPath: 'dev', war: '**/*.war'
      }
    }
    stage('deploy to test'){
      when{
        expression{
           params.DEPLOY == 'YES'
        }
      }
      steps{
        input "do you want to deploy to test Env"
        deploy adapters: [tomcat9(credentialsId: 'tom1', path: ", url: 'http://3.80.103.215:8080/')],
contextPath: 'test', war: '**/*.war'
      }
    }
    stage('deploy to prod'){
      when{
        expression{
           params.DEPLOY == 'YES'
        }
      }
      steps{
        input "do you want to deploy to prod Env"
        deploy adapters: [tomcat9(credentialsId: 'tom1', path: ", url:
'http://54.227.116.197:8080/')], contextPath: 'prod', war: '**/*.war'
      }
    }
    stage('deploy to pre-prod'){
      when{
        expression{
           params.DEPLOY == 'YES'
        }
      }
      steps{
        input "do you want to deploy to pre-prod Env"
         deploy adapters: [tomcat9(credentialsId: 'tom1', path: ", url: 'http://3.89.241.113:8080/')],
contextPath: 'pre-prod', war: '**/*.war'
      }
    }
  }
```

BUILD WITH PARAMETERS:



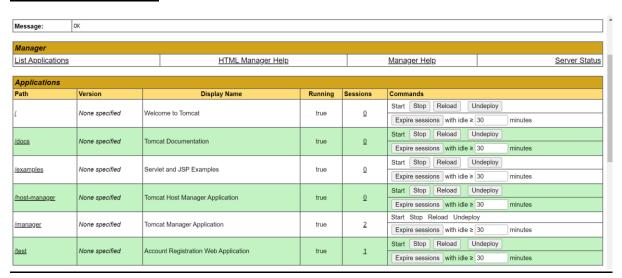
BUILD SUCCESS:



DEPLOY TO DEV:

Applications									
Path	Version	Display Name	Running	Sessions	Commands				
L	None specified	Welcome to Tomcat	true	<u>0</u>	Start Stop Reload Undeploy				
					Expire sessions with idle ≥ 30 minutes				
/dev	None specified	Account Registration Web Application	true	Ō	Start Stop Reload Undeploy				
					Expire sessions with idle ≥ 30 minutes				
/docs	None specified	Tomcat Documentation	true	0	Start Stop Reload Undeploy				
					Expire sessions with idle ≥ 30 minutes				
/examples	None specified	Servlet and JSP Examples	true	<u>0</u>	Start Stop Reload Undeploy				
					Expire sessions with idle ≥ 30 minutes				
/host-manager	None specified	Tomcat Host Manager Application	true	0	Start Stop Reload Undeploy				
					Expire sessions with idle ≥ 30 minutes				
/manager	None specified	Tomcat Manager Application	true	1	Start Stop Reload Undeploy				
					Expire sessions with idle ≥ 30 minutes				
/null	None specified	Account Registration Web Application	true	Ω	Start Stop Reload Undeploy				
					Expire sessions with idle ≥ 30 minutes				

DEPLOY TO TEST:



DEPLOY TO PROD:

Applications								
Path	Version	Display Name R		Sessions	Commands			
,	None specified	Welcome to Tomcat	true	<u>0</u>	Start Stop Reload Undeploy			
L					Expire sessions with idle ≥ 30 minutes			
/docs	None specified	Tomcat Documentation	true	<u>0</u>	Start Stop Reload Undeploy			
<u>/ducs</u>					Expire sessions with idle ≥ 30 minutes			
/examples	None specified	Servlet and JSP Examples	true	0	Start Stop Reload Undeploy			
rexamples					Expire sessions with idle ≥ 30 minutes			
/host-manager	None specified	Tomcat Host Manager Application	true	<u>0</u>	Start Stop Reload Undeploy			
<u>most-manager</u>					Expire sessions with idle ≥ 30 minutes			
/java-tomcat-maven-example	None specified	Archetype Created Web Application	true	<u>0</u>	Start Stop Reload Undeploy			
<u>(java-torricat-maveri-example</u>					Expire sessions with idle ≥ 30 minutes			
	None specified	Tomcat Manager Application	true	2	Start Stop Reload Undeploy			
/manager					Expire sessions with idle ≥ 30 minutes			
Inrod	None specified	Account Registration Web Application	true	1	Start Stop Reload Undeploy			
<u>/prod</u>	None specified				Expire sessions with idle ≥ 30 minutes			

DEPLOY TO PRE-PROD:



FINAL OUTPUT:

This is red

This is thick

This is green

This is thick and green