Jenkins-pipeline-assignments-3

Build & package on JM deploy on agents

pipeline {

agent {

label {

label 'built-in'

customWorkspace '/mnt/rahul/'

}

}

stages {

stage('Clear Workspace') {

steps {

sh '''

chmod -R 777 /mnt/

rm -rf \*

'''

}

}

stage('Git Clone') {

steps {

sh '''

mkdir -p git-repo

cd git-repo

git clone https://github.com/rahulsgodase/project.git

'''

}

}

stage('Build Package') {

steps {

sh '''

cd git-repo/project

mvn clean install

'''

stash includes: 'git-repo/project/target/LoginWebApp.war', name: 'app-war'

}

}

stage('Tomcat Setup on Agent-1') {

agent {

label {

label 'agent-1'

customWorkspace '/mnt/wsp/'

}

}

steps {

unstash 'app-war'

sh '''

mkdir -p /mnt/servers/

wget https://dlcdn.apache.org/tomcat/tomcat-10/v10.1.43/bin/apache-tomcat-10.1.43.zip

unzip -o apache-tomcat-10.1.43.zip

rm -f apache-tomcat-10.1.43.zip

chmod -R 777 /mnt/servers/

'''

}

}

stage('Deploy on Agent-1') {

agent {

label {

label 'agent-1'

customWorkspace '/mnt/wsp/'

}

}

steps {

sh '''

rm -rf /mnt/servers/apache-tomcat-10.1.43/webapps/LoginWebApp.war\*

cp git-repo/project/target/LoginWebApp.war /mnt/servers/apache-tomcat-10.1.43/webapps/

cd /mnt/servers/apache-tomcat-10.1.43/bin/

./shutdown.sh || true

./startup.sh

'''

}

}

}

}

