pipeline {

agent any

stages {

stage('clone code from scm') {

steps {

echo 'clone code from github'

git <fill with git repo link >

}

}

stage('Build WAR') {

steps {

echo 'Building the WAR file...'

sh 'mvn clean package'

}

}

stage('Send WAR to Ansible Server') {

steps {

echo 'Copying WAR file to Ansible Server...'

sshagent (credentials: ['ansible-server-key']) {

sh """

ssh -o StrictHostKeyChecking=no ansible@ansible-server ip "mkdir -p /tmp/deploy"

scp -o StrictHostKeyChecking=no target/app.war ansible@ansible-server ip:/tmp/deploy/

"""

}

}

}

stage('Run Ansible Playbook') {

steps {

echo 'Executing Ansible Playbook on Ansible Server...'

sshagent (credentials: ['ansible-server-key']) {

sh """

ssh -o StrictHostKeyChecking=no ansible@ansible-server ip "ansible-playbook /home/ansible/deploy\_app.yml "

"""

}

}

}

}

}

Ansible Playbookfile

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deploy\_app.yml

---

- hosts: app\_servers

tasks:

- name: Copy WAR file

copy:

src: /tmp/deploy/app.war

dest: /opt/tomcat/webapps/app.war

mode: '0644'

- name: Restart Tomcat

service:

name: tomcat

state: restarted