**cd tasks**

**cat main.yml**

---

- import\_tasks: install.yml

- import\_tasks: configure.yml

- import\_tasks: service.yml

**cat install.yml**

---

- name: Install and configure Jenkins

hosts: localhost

become: true

vars:

jenkins\_admin\_user: admin

jenkins\_admin\_password: admin123

jenkins\_plugins:

- git

- ssh

tasks:

- name: Add Jenkins repository key

rpm\_key:

key: https://pkg.jenkins.io/redhat-stable/jenkins.io.key

- name: Add Jenkins repository

yum\_repository:

name: jenkins

description: Jenkins Repository

baseurl: https://pkg.jenkins.io/redhat-stable/

enabled: yes

gpgcheck: yes

- name: Install Jenkins

yum:

name: jenkins-2.346.2-1.1

- name: Reload systemd

systemd:

daemon\_reload: yes

**cat service.yml**

- name: Start Jenkins service

systemd:

name: jenkins

enabled: yes

state: started

- name: Enable Jenkins

systemd:

name: jenkins

enabled: true

- name: Wait for Jenkins to start up

wait\_for:

host: localhost

port: 8080

timeout: 30

- name: Get admin username and password for Jenkins

shell: cat /opt/jenkins/admin.password

changed\_when: false

register: result

- name: Print admin username and password for Jenkins

debug:

var: result.stdout

**cat configure.yml**

# - name: Install Jenkins plugins

# jenkins\_plugin:

# name: "{{ item }}"

# state: present

# username: "{{ jenkins\_admin\_user }}"

# password: "{{ jenkins\_admin\_password }}"

# with\_items:

# - name: Configure Jenkins global security

# jenkins\_script:

# script: |

# import jenkins.model.\*

# import hudson.security.\*

# def instance = Jenkins.getInstance()

# def hudsonRealm = new HudsonPrivateSecurityRealm(false)

# hudsonRealm.createAccount('{{ jenkins\_admin\_user }}', '{{ jenkins\_admin\_password }}')

# instance.setSecurityRealm(hudsonRealm)

# def strategy = new FullControlOnceLoggedInAuthorizationStrategy()

# strategy.setAllowAnonymousRead(false)

# instance.setAuthorizationStrategy(strategy)

# instance.save()

# username: "{{ jenkins\_admin\_user }}"

# password: "{{ jenkins\_admin\_password }}"