**cd templates**

**cat nexus.service.j2**

[Unit]

Description=Nexus service

[Service]

Type=simple

ExecStart=/opt/nexus/bin/nexus run

User=nexus

Group=nexus

#Restart=always

Restart=on-failure

[Install]

WantedBy=multi-user.target

**cd tasks**

**cat install.yml**

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- name: Install Nexus

hosts: localhost

become: true

vars:

nexus\_version: 3.40.1-01

nexus\_download\_url: https://download.sonatype.com/nexus/3/nexus-{{nexus\_version}}-unix.tar.gz

tasks:

- name: Install yum-utils and wget

yum:

name:

- yum-utils

- wget

- name: create "nexus" group

group:

name: nexus

- name: create "nexus" user

user:

name: nexus

group: nexus

- name: Download and install the Nexus RPM

get\_url:

url: "{{ nexus\_download\_url }}"

dest: /tmp/nexus.tar.gz

**cat configure.yml**

- name: Extract the Nexus files

shell: tar xzf /tmp/nexus.tar.gz -C /opt/

args:

chdir: /tmp

- name: Create a symlink to the Nexus directory

file:

src: "/opt/nexus-{{ nexus\_version }}"

dest: /opt/nexus

state: link

- name: Set the owner and group for the Nexus directory

file:

path: /opt/nexus

owner: nexus

group: nexus

mode: "755"

- name: Set the owner and group for the Nexus directory

file:

path: /opt/sonatype-work/

state: directory

recurse: yes

owner: nexus

group: nexus

mode: "777"

- name: Configure Nexus as a service

template:

src: nexus.service.j2

dest: /etc/systemd/system/nexus.service

notify:

- Start Nexus

- name: Reload systemd

systemd:

daemon\_reload: yes

**cat service.yml**

- name: Start Nexus

systemd:

name: nexus

state: started

enabled: yes

- name: Wait for Nexus to start

wait\_for:

host: localhost

port: 8081

timeout: 30

- name: Get admin password for Nexus

shell: cat /opt/nexus/admin.password

changed\_when: false

register: result

- name: Print admin password for Nexus

debug:

var: result.stdout

**cat main.yml**

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- import\_tasks: install.yml

- import\_tasks: configure.yml

- import\_tasks: service.yml