**COMMAND**

docker pull jenkins/jenkins:2.319.1-lts

docker run -itd -p 8080:8080 -p 5000:5000 jenkins/jenkins:lts

**docker update --restart unless-stopped jenkins**

**—----------------------------------------------------------------------------------------------------------------**

**vi tasks/main.yml**

---

- import\_tasks: configure.yml

- import\_tasks: service.yml

**vi tasks/configure.yml**

---

- name: Create Jenkins configuration directory

file:

path: "{{ item }}"

state: directory

owner: root

group: root

mode: 0755

with\_items:

- "{{ jenkins\_mount\_config\_dir }}/plugins"

tags:

- setup\_node

- setup\_jenkins

- name: Copy Jenkins configuration

copy:

src: "files/jenkins.yml"

dest: "{{ jenkins\_mount\_config\_dir }}/jenkins.yml"

owner: root

group: root

mode: 0644

tags:

- setup\_node

- setup\_jenkins

**vi tasks/service.yml**

---

- name: Start Jenkins container

docker\_container:

name: "{{ jenkins\_container\_name }}"

image: "{{ jenkins\_docker\_image }}"

volumes:

- "{{ jenkins\_mount\_config\_dir }}:{{ jenkins\_config\_dir }}"

state: started

ports:

- "{{ jenkins\_port }}:8080"

vars:

ansible\_python\_interpreter: "{{ docker\_python\_interpreter }}"

tags:

- start\_jenkins

- start

- name: Stop Jenkins container

docker\_container:

name: "{{ jenkins\_container\_name }}"

state: absent

vars:

ansible\_python\_interpreter: "{{ docker\_python\_interpreter }}"

tags:

- start\_jenkins

- start

**vi defaults/main.yml**

---

jenkins\_mount\_config\_dir: /opt/jenkins

jenkins\_config\_dir: /var/jenkins\_home

jenkins\_port: 8080

jenkins\_container\_name: jenkins

jenkins\_docker\_image: jenkins/jenkins:lts

**vi meta/main.yml**

galaxy\_info:

author: your name

description: your role description

company: your company (optional)

# If the issue tracker for your role is not on github, uncomment the

# next line and provide a value

# issue\_tracker\_url: http://example.com/issue/tracker

# Choose a valid license ID from https://spdx.org - some suggested licenses:

# - BSD-3-Clause (default)

# - MIT

# - GPL-2.0-or-later

# - GPL-3.0-only

# - Apache-2.0

# - CC-BY-4.0

license: license (GPL-2.0-or-later, MIT, etc)

min\_ansible\_version: 2.9

# If this is a Container Enabled role, provide the minimum Ansible Container version.

# min\_ansible\_container\_version:

#

# Provide a list of supported platforms, and for each platform a list of versions.

# If you don't wish to enumerate all versions for a particular platform, use 'all'.

# To view available platforms and versions (or releases), visit:

# https://galaxy.ansible.com/api/v1/platforms/

#

# platforms:

# - name: Fedora

# versions:

# - all

# - 25

# - name: SomePlatform

# versions:

# - all

# - 1.0

# - 7

# - 99.99

galaxy\_tags: []

# List tags for your role here, one per line. A tag is a keyword that describes

# and categorizes the role. Users find roles by searching for tags. Be sure to

# remove the '[]' above, if you add tags to this list.

#

# NOTE: A tag is limited to a single word comprised of alphanumeric characters.

# Maximum 20 tags per role.

dependencies:

- role: docker

# List your role dependencies here, one per line. Be sure to remove the '[]' above,

# if you add dependencies to this list.