https://itnext.io/jenkins-running-workers-in-kubernetes-and-docker-images-build-83299a10f3ca

Steps:

apt -y update

apt -y upgrade

curl https://get.docker.com/ | bash

curl -L “https://github.com/docker/compose/releases/download/2.9.0/docker-compose-$(uname -s)-$(uname -m)” -o /usr/local/bin/docker-compose]

root@e2e-29-232:~# uname -s

Linux

root@e2e-29-232:~# uname -m

x86\_64

curl -L https://github.com/docker/compose/releases/download/v2.9.0/docker-compose-linux-x86\_64 -o /usr/local/bin/docker-compose

chmod +x /usr/local/bin/docker-compose

docker-compose --version

Docker Compose version v2.9.0

mkdir jenkins\_home

cd Jenkins\_home

vi jenkins\_compose.yaml

version: '3.5'

networks:

jenkins:

name: jenkins

services:

jenkins:

user: root

image: jenkins/jenkins:2.346.2

networks:

- jenkins

ports:

- '8080:8080'

- '50000:50000'

volumes:

- /jenkins\_home/:/var/lib/jenkins

- /var/run/docker.sock:/var/run/docker.sock

- /usr/bin/docker:/usr/bin/docker

- /usr/lib/x86\_64-linux-gnu/libltdl.so.7:/usr/lib/x86\_64-linux-gnu/libltdl.so.7

environment:

- JENKINS\_HOME=/var/lib/jenkins

- JAVA\_OPTS=-Duser.timezone=America/New\_York

logging:

driver: "journald"

bringing it up> docker-compose -f jenkins-compose.yaml up

1be008b62b9b414f8d2f1f95a484082a

This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword

Login : Jenkins\_user admin123

Go to plugin manager:

Download kubernates plugin 🡪 without restart