

# DOCKER COMPOSE

## Installation:

- sudo curl -L " [https://github.com/docker/compose/releases/download/\\$\(curl -s https://api.github.com/repos/docker/compose/releases/latest | jq -r .tag\\_name\)/docker-compose-\\$\(uname -s\)-\\$\(uname -m\)](https://github.com/docker/compose/releases/download/$(curl -s https://api.github.com/repos/docker/compose/releases/latest | jq -r .tag_name)/docker-compose-$(uname -s)-$(uname -m))" -o /usr/local/bin/docker-compose
- sudo apt-get install jq
- sudo chmod +x /usr/local/bin/docker-compose
- docker-compose --version

## docker-compose.yml:

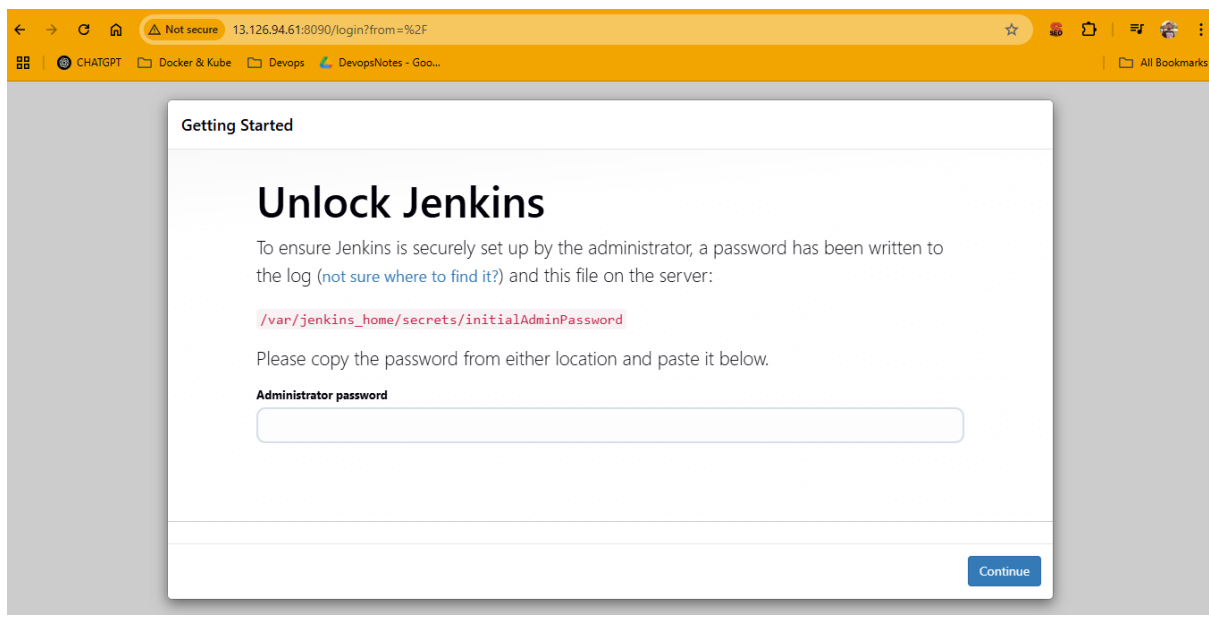
```
services:
  jenkins:
    ports:
      - 8090:8080
      - 50000:50000
    volumes:
      - my_jenkins:/var/jenkins_home
    image: jenkins/jenkins:latest
    restart: always
volumes:
  my_jenkins:
```

To run: docker-compose up -d

To stop: docker-compose down

```
root@ip-172-31-34-172:~# docker-compose up -d
[+] Running 1/1
✓ jenkins Pulled 1.8s
[+] Running 3/3
✓ Network root_default Created 0.1s
✓ Volume "root_my_jenkins" Created 0.0s
✓ Container root-jenkins-1 Started 0.3s
root@ip-172-31-34-172:~# docker ps
CONTAINER ID   IMAGE          NAMES                COMMAND                  CREATED        STATUS        PORTS
2366f6d1a210   jenkins/jenkins:latest   "/usr/bin/tini -- /u..." 45 seconds ago Up 44 seconds 0.0.0.0:50000->50000/tcp, [::]:50000->50000/tcp, 0.0.0.0:8090->8080/tcp, [::]:8090->8080/tcp
3fbf6a5a8e77   apache-php-web   "docker-php-entrypoi..." 17 hours ago   Up 17 hours   0.0.0.0:80->80/tcp, [::]:80->80/tcp
root@ip-172-31-34-172:~# docker volume ls
DRIVER    VOLUME NAME
local     60628f2219e646842declf205d1c1bce248bcb1b9fdbbab67b0c09258c157ff87
local     abbff12b44646075e4a6ffc7356d88e30a85a101cdm44a9a38ed82eeeb40c0c
local     e4be7a02e6cfc66a2cc401f8c8bc5b2502b8e546e35c9e25f74b12a6bcd1253a
local     jenkins_home
local     root_my_jenkins
root@ip-172-31-34-172:~# docker-compose down
[+] Running 2/2
✓ Container root-jenkins-1 Removed 0.3s
✓ Network root_default Removed 0.1s
```

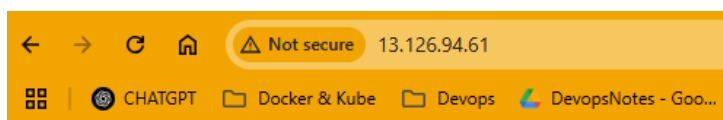
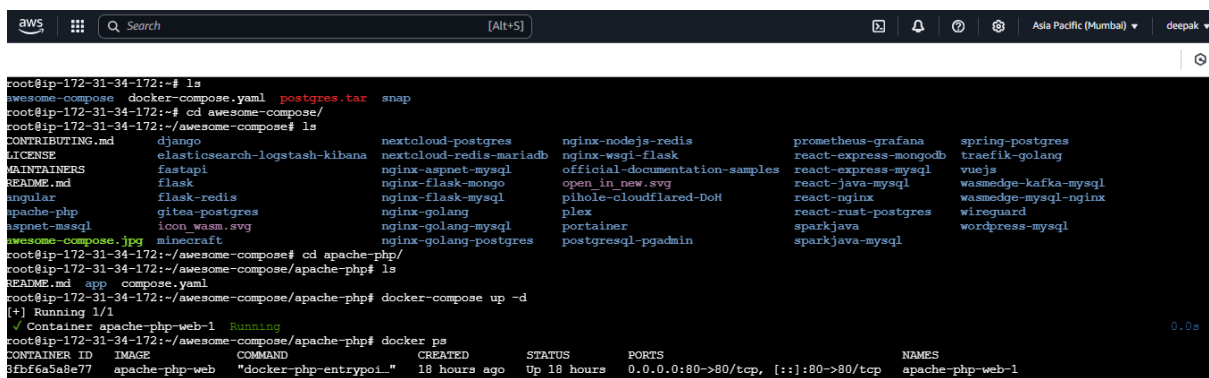
## Try accessing Jenkins:



## Awesome compose library:

- <https://github.com/docker/awesome-compose/tree/master>

## apache-php:



## Devops!