**Udemy Course: Become a Devops Master learning Jenkins & integrations with powerful tools like Docker, Ansible, AWS, GIT & more!**

Jenkins 101 - Way to setup Jenkins via Docker

Step 1: Create docker-compose file

Docker compose file

**Filename :docker-compose.yml**

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version: "3"

services:

jenkins:

container\_name: jenkins

image: jenkins/jenkins

ports:

- "8080:8080"

volumes:

- "/home/ankit/Ankit/jenkins/jenkins\_data:/var/jenkins\_home"

networks:

- net

networks:

net:

—-------------------------------------------------------------------------------------------------------------------

Note 1: `volumes` section important as we want to save our pipelines even after bringing down the Jenkins server and avoid making pipelines evertime.

Note 2: write this command on terminal so that jenkins can write file in the local host computer

sudo chown 1000:1000 <folder name in local host computer> -R

Step 2:

Now, bring the Jenkins server up by this terminal command

docker-compose up

Step 3:

Open browser and go to url

<http://localhost:8080>

Step 4:

You will be prompted to enter admin password

# 

# 

# *Unlock Jenkins*

*To ensure Jenkins is securely set up by the administrator, a password has been written to the log (*[*not sure where to find it?*](https://www.jenkins.io/redirect/find-jenkins-logs)*) and this file on the server:*

This will be present in the docker-compose logs

*jenkins | Jenkins initial setup is required. An admin user has been created and a password generated.*

*jenkins | Please use the following password to proceed to installation:*

*jenkins |*

*jenkins | 98e19b9ef0b5414b8aeb21f0eee0a926*

Enter the above password and proceed.

Step 5:

In Jenkins setup wizard -> click on `install suggested plugins`

Step 6:

Create First Admin User -> go ahead and create the Jenkins user

Click continue and now your Jenkins server is ready to use.

Step 7:

To stop the Jenkins server:

Step a: Press ` Ctrl+C `

Step b: then write `docker-compose down` command.