

#

lets create a container with jenkins installed in it

The base image which is used to launch a jenkins is jenkins/jenkins (check: <https://hub.docker.com/r/jenkins/jenkins>)

detached terminal (you will not enter Inside container)

```
root@ip-172-31-4-44:/home/ubuntu# docker run -dt -p 2025:8080 --name c03 jenkins/jenkins
Unable to find image 'jenkins/jenkins:latest' locally
latest: Pulling from jenkins/jenkins
3e6b9d1a9511: Pull complete
a1ab69b373e5: Pull complete
8235b5d06e3d: Pull complete
5a137f44a00c: Pull complete
0d7c07f0863f: Pull complete
8b6d0c856ade: Pull complete
332e3c86adda: Pull complete
109e9f681aa6: Pull complete
41fb0333fcc6: Pull complete
2868adb253b5: Pull complete
fb8a5e64fb99: Pull complete
860a38a8ffbf: Pull complete
Digest: sha256:caa27ff2f0481af249f5bf0e10598516821364664be1fb37ad24f4e094e44765
Status: Downloaded newer image for jenkins/jenkins:latest
194b62aed24b74ef6ffe9fe28e2690be3e71c6d46885b6f333d8dc11ad7dc2b1
root@ip-172-31-4-44:/home/ubuntu#
```

Host port Container port Base Image
The name of container is w3

Allow traffic from port 2025 in SG of machine

The screenshot shows a web browser window with the following details:

- Address Bar:** △ Not secure 3.110.163.95:2025/login?from=%2F
- Page Title:** Getting Started
- Section Header:**

Unlock Jenkins
- Text Content:** To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:
`/var/jenkins_home/secrets/initialAdminPassword`
- Text Instruction:** Please copy the password from either location and paste it below.
- Form Label:** Administrator password

lets generate Jenkins password

docker exec -it c03 sh

Now inside the container:

cat /var/jenkins_home/secrets/initialAdminPassword

you will be able to see the pass