FROM centos

RUN yum install java-11-openjdk.x86\_64 -y

RUN yum install wget -y

RUN wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat/jenkins.repo

RUN rpm --import https://pkg.jenkins.io/redhat/jenkins.io.key

RUN yum install jenkins -y

RUN yum install openssh-server -y

CMD java -jar /usr/lib/jenkins/jenkins.war

docker build -t jenkins:v1

* **After the image is build, launch a docker container from the image and expose its port 8080:-**

docker run -dit -p 8080:81 --name jenkins jenkins:v1

**Also give full permissions to Jenkins by this cmd:-**

vim /etc/sudoers

(append this line anywhere in the file or in line 101 below the root permissions):

jenkins ALL=(ALL) NOPASSWD: ALL

**If you would have used Jenkins directly on base os, you would have seen it requires the special/ secret password key for logging in for the first time through its *WebUI.***

docker start jenkins

docker exec -it jenkins bash

(inside the container):

cat /root/.jenkins/secrets/initialAdminPassword

**From the above mentioned file you will get the *Initial Admin Password*for the *Jenkins UI*, copy paste it on the password panel.**









