

Tomcat host using Dockerfile

Step 1:- Create an EC2 instance

Ports:22, 8080

Step 2:- Connect to EC2 instance

Step 3:- Install Docker Engine latest version

<https://docs.docker.com/engine/install/ubuntu/> (for ubuntu)

Step 4:- Create dockerfile for tomcat

Dockerfile of tomcat:-

```
FROM centos:7
LABEL app="studentapp"
USER root
WORKDIR /opt/
ADD https://dlcdn.apache.org/tomcat/tomcat-8/v8.5.99/bin/apache-tomcat-8.5.99.tar.gz .
RUN tar -xzf apache-tomcat-8.5.99.tar.gz
WORKDIR /opt/apache-tomcat-8.5.99
RUN yum install java -y
EXPOSE 8080
CMD [ "bin/catalina.sh", "run" ]
```

Build image from dockerfile

command:- docker build <locationofdockerfile>

Then create a container using that docker image

Command: docker run -d -p 8080:8080 imageid

Paste IP with port number in your browser and you will see tomcat default page