

## 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**