

Jboss EAP Docker Image Setup:

- ❖ Setting up the docker file for the EAP
- ❖ Using jboss/wildfly runtime server

Create a Dockerfile in root of the folder.

Add the following spec.

```
FROM jboss/wildfly:latest
RUN mkdir -p /opt/jboss
COPY ./jboss-eap-7.2.0.zip /opt/jboss/
ENV JBOSS_HOME=/opt/jboss/jboss-eap-7.2
WORKDIR /opt/jboss/
RUN unzip -qq jboss-eap-7.2.0.zip
RUN $JBOSS_HOME/bin/add-user.sh admin jboss@123# --silent
EXPOSE 8080 9990 9999
ENTRYPOINT ["/opt/jboss/jboss-eap-7.2/bin/standalone.sh", "-b", "0.0.0.0", "-bmanagement", "0.0.0.0"]
```

Use this below link to download eap zip.

<https://developers.redhat.com/content-gateway/file/jboss-eap-7.2.0.zip>

Steps to build the docker image:

\$docker build -t jboss-eap:v1

\$docker images

```
PS D:\redhatpam\PamDocker> docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
jboss-eap            v1          4e1df27107e9  12 minutes ago 1.18GB
pimservice-client    latest      f1575fdbf7e0  23 hours ago   304MB
nginx                latest      c919045c4c2b  5 months ago   142MB
jboss/jbpm-server-full latest      79c9c1255b24  8 months ago   1.41GB
```

\$docker run -d -it --name=jboss-eap -P jboss-eap:v1

```
PS D:\redhatpam\PamDocker> docker run -d -it --name=jboss-eap -P jboss-eap:v1
7afebfdd416a842822e275a63eb83489b82ce97655800af62e4cb6fd48a87928
```

\$docker ps

```
PS D:\redhatpam\PamDocker> docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
7afebfdd416a   jboss-eap:vl  "/opt/jboss/jboss-ea..." 35 seconds ago Up 33 seconds 0.0.0.0:49158->8080/tcp, 0.0.0.0:49157->9990/tcp, 0.0.0.0:49156->9999/tcp   jboss-eap
```

Now access jboss using :

<http://<ip>:49154>

