

Title: Not able to connect to docker image with a spring boot application

Post Body:

Dockerfile

```
FROM openjdk:8 ADD target/docker-spring-boot.jar docker-spring-boot.jar EXPOSE 8085 ENTRYPOINT ['java','-jar','docker-spring-
```

command to build docker

```
docker build -f Dockerfile -t docker-spring-boot .
```

spring boot jar location below .

```
target/docker-spring-boot.jar
```

command to run docker

```
docker run -p 8085:8085 docker-spring-boot
```

The application works normally without a docker. Not able to run the application on docker.

Error:

This site can't be reached

docker run logs

```
E:\micorservices_samples\docker-spring-boot\docker-springbootdocker run -p 8085 :8085 docker-spring-boot . _____
```

Github link <https://github.com/robert07ravikumar/spring-boot-docker>

Accepted Answer:

The URLs I was trying was localhost , 127.0.0.1 , 0.0.0.0, etc .

The application worked once I ran the docker host URL:

```
http://192.168.99.100:8085/rest/docker/hello1
```

Highest Rated Answer:

Your application seems fine, and it seems you can access it *from within the container* with localhost as per your comment:

```
root@a6664e1d3b83:/# curl localhost:8085/rest/docker/hello1 Greetings root@a6664e1d3b83:/# . I am able to get the response fr
```

It's probably because **Spring Boot will bind to localhost by default (127.0.0.1)**. You need to add the following properties to bind to all host (or specify which IP on which to bind):

```
server.address=0.0.0.0 # Bind all
```

In your application.properties

See [this post](#) and the [Spring Boot Common Properties](#)