

Title: I have a Java Spring boot with Postgresql within docker-compose, org.postgresql.util.PSQLException: Connection to localhost:5432

Post Body:

Caused by: org.postgresql.util.PSQLException: Connection to localhost:5432 refused. Check that the hostname and port are correct and that the postmaster is accepting TCP/IP connections.

I am facing the problem in creation of docker image.

when i check postgres port

```
postgres 4318 iqbal 8u IPv4 0xbccc4b164eb6b423 0t0 TCP 127.0.0.1:5432 (LISTEN) com.docke 11144 iqbal 45u IPv6 0
```

Application.properties file

```
spring.mvc.converters.preferred-json-mapper=gson spring.datasource.url= jdbc:postgresql://localhost:5432/flightbed spring.data
```

Docker-compose file is here:

```
version: '3.1' services: app: image: 'docker-spring-boot-postgres:latest' build: context: . contain
```

Dockerfile is here :

```
FROM openjdk:17.0.1-jdk-slim ADD target/flightdata-0.0.1-SNAPSHOT.jar flightdata-0.0.1-SNAPSHOT.jar ENTRYPOINT ["java","-ja
```

Error log

```
iqbal@MacBook-Pro-von-furqan flightbed % docker run -p 8085:8085 flight1 . ____ _ _ _ _ / \ / _ ' _
```

Accepted Answer:

docker-compose.yml

```
version: '3.1' services: app: image: 'docker-spring-boot-postgres:latest' build: context: . container_na
```

Run `docker-compose up -d`, wait until it's up, then run `docker ps -a` to check if your containers are running or have crashed, use `docker logs {container name}` to get the stdout from a given container to find out why it's crashed.

You may also need to adjust your Java code so it doesn't attempt to connect to postgresql against localhost and instead tries to connect to postgresql:5432. You should be able to use your `SPRING_DATASOURCE_URL` environment variable for that.

If you're still getting connection issues comment your new error for me and I'll update this answer.

Highest Rated Answer: None