

Title: Connection refused when connecting to keycloak container from backend container

Post Body:

I have two containers backend (spring boot application) and Keycloak. if I run keycloak in a container and backend locally : it works

If both of them are run in container the backend doesn't start and shows the following error :

Failed to instantiate [org.springframework.security.oauth2.jwt.JwtDecoder]: Factory method 'jwtDecoderByIssuerUri' threw exception

following are my configs :

docker-compose :

```
services:
  keycloak:
    image: jboss/keycloak:8.0.1
    command: - " -b 0.0.0.0"
    container_name: "keycloak"
```

application.yml:

```
application:
  name: backend
  security:
    oauth2:
      resourceserver:
        jwt:
          issuer-uri: http://localhost:8080
```

do you have any Idea why do I get connection refused ? any help is appreciated :)

Accepted Answer:

Your Keycloak container using the following port configuration

```
ports:
  - "8082:8080"
```

That mean:

Keycloak is reachable from Outside via Port 8082.

But internally (in this docker network), keycloak is only reachable via the exposed 8080 port. So your backend application need to connect (internally) to `http://keycloak:8080`

Highest Rated Answer: None