Hi All,

I have executed 4 docker containers

1. Eureka server

2. Order service

3. Product service

4. MySQL docker container

**Steps to run mysql docker container**

sudo docker pull mysql/mysql-server:5.5  
sudo docker run --name=mysql1 -e MYSQL\_ROOT\_HOST=% -p 3306:3306 -d mysql/mysql-server:5.5  
sudo docker logs mysql1 2>&1 | grep GENERATED  
--this give generated root password  
sudo docker exec -it mysql1 mysql -u root -p  
password: give the generated password  
this will take to sql shell  
CREATE USER 'newUser'@'%' IDENTIFIED BY 'newPass123';  
GRANT ALL PRIVILEGES ON \*.\* TO 'newUser'@'%' WITH GRANT OPTION;

Dockerfile

FROM openjdk:17-jdk-alpine  
ARG JAR\_FILE  
COPY ${JAR\_FILE} springbootapp.jar  
ENTRYPOINT ["java","-Djava.security.egd=file:/dev/./urandom","-jar","springbootapp.jar"]

sudo docker run -p 1111:1111 regservice

**User network host so that these containers will use ip address or host name**

**sudo docker run --network host -p 9090:9090 productservice**

**sudo docker run --network host -p 8090:8090 orderservice**

**Attached is Eureka server dashboard which will display ip address of containers**

When i try to access ordesrevice, this will get dynamically ip address of product service from Eureka server and hit the product service url

Thanks and Regards

Kiran