

Title: Microservice not able to connect to AXON Server running as docker image

Post Body:

I have discovery service: <https://github.com/Naresh-Chaurasia/API-MicroServices-Kafka/tree/master/Microservices-CQRS-SAGA-Kafka/DiscoveryService>

I have product service: <https://github.com/Naresh-Chaurasia/API-MicroServices-Kafka/tree/master/Microservices-CQRS-SAGA-Kafka/ProductsService>

Following is my **docker-compose.yml** file:

<https://github.com/Naresh-Chaurasia/API-MicroServices-Kafka/tree/master/Microservices-CQRS-SAGA-Kafka/docker-compose.yml>

```
version: "3.8"  services:      axon-server:      image: axoniq/axonserver      container_name: axon-server      ports:      - 8124
```

When i run the following command `docker-compose up`, I get **axon-server** and **discovery-service** running.

I now run ProductService using the following file

`src/main/java/com/appsdeveloperblog/estore/ProductsService/ProductsServiceApplication.java` which is under

<https://github.com/Naresh-Chaurasia/API-MicroServices-Kafka/tree/master/Microservices-CQRS-SAGA-Kafka/ProductsService>.

It works fine.

The problem start when I try to run ProductService as a microservice, and it fails to connect to axon server. To do that I modify the **docker-compose.yml** as follows:

```
version: "3.8"  services:      axon-server:      image: axoniq/axonserver      container_name: axon-server      ports:      - 8124
```

Now if I try to run `docker-compose up`, I get the following error:

```
product-service_1 | 2021-08-20 03:06:27.973 INFO 1 --- [29db04f6c0a4-0] i.a.a.c.impl.AxonServerManagedChannel : Request
```

I have gone through the following link, [Spring Boot Microservices are unable to connect to Axon Server](#), which looks like similar problem but still not able to fix my problem.

Please guide.

Thanks.

Accepted Answer: None

Highest Rated Answer:

I made the following changes and it works fine now.

In the file `ProductsService\src\main\resources\application.properties`

Old Entry: `eureka.client.serviceUrl.defaultZone = http://localhost:8010/eureka`

New Entry: `eureka.client.serviceUrl.defaultZone = http://discovery-service:8010/eureka`

Added the following line in the above file: `axon.axonserver.servers=axon-server:8124`

In the File: `Microservices-CQRS-SAGA-Kafka\docker-compose.yml`

Old Entry: version: "3.8"

New Entry: version: "2"

Added following code in yml file

```
product-service:      build:      context: ../ProductsService      ports:      - 8090:8090      networks:      - axon-demo
```

I have also checked in the code in git. The micro services can talk to each other, and connect to axon server and the problem reported earlier is resolved.

Thanks.