Java Spring Boot Microservices on Azure

Micro-credential Program

Contents

[Associate Details 3](#_Toc74070214)

[GitHub Repo 3](#_Toc74070215)

[Steps to Run Applications 3](#_Toc74070216)

[To run applications locally: 3](#_Toc74070217)

[To run applications in Azure as Webapp: 3](#_Toc74070218)

[K-Point Details 3](#_Toc74070219)

[Local Execution Screenshots 4](#_Toc74070220)

[All Micro services Running Locally without any Errors 4](#_Toc74070221)

[Posting Request in Swagger UI for Order Service 5](#_Toc74070222)

[Circuit Breaker and Retry Functionalities in Order Service 6](#_Toc74070223)

[Data Received in Downstream Systems – Package Service 6](#_Toc74070224)

[Data Received in Downstream Systems – Courier Service 6](#_Toc74070225)

[Retry and Fallback 7](#_Toc74070226)

[Circuit Breaker 7](#_Toc74070227)

[Azure Screenshots 7](#_Toc74070228)

# Associate Details

|  |  |
| --- | --- |
| Employee ID | 413643 |
| Employee Name | Linesh Mehta |

# GitHub Repo

<https://github.com/lineshmehta5/cognizant-azure-mc-program>

# Steps to Run Applications

There are a total of 3 applications namely:

* Order Service
* Package Service
* Courier/Shipping Service

All the applications are Java/SpringBoot applications and use Maven for building.

### To run applications locally:

* Uncomment **server.port** propertyin application.properties
* Run **mvn clean install**

### To run applications in Azure as Webapp:

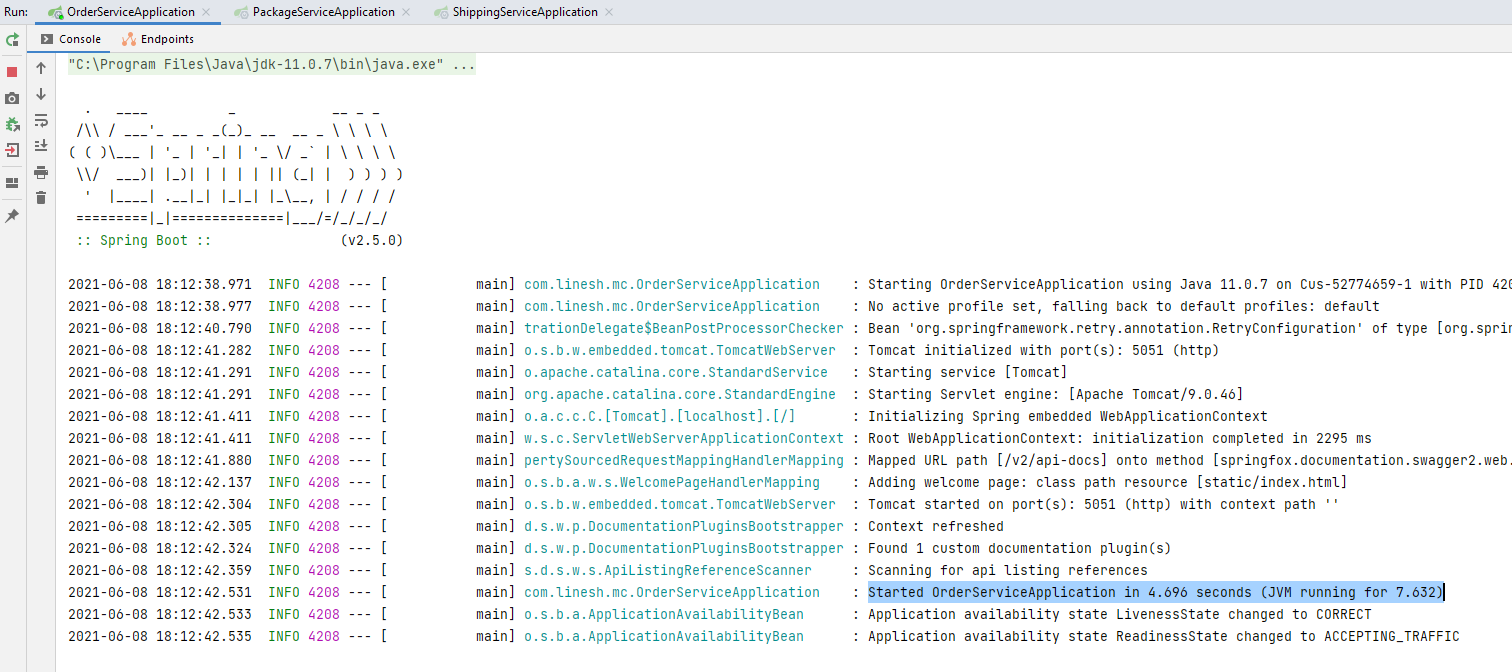
* mvn com.microsoft.azure:azure-webapp-maven-plugin:1.14.0:config
* mvn azure-webapp:deploy

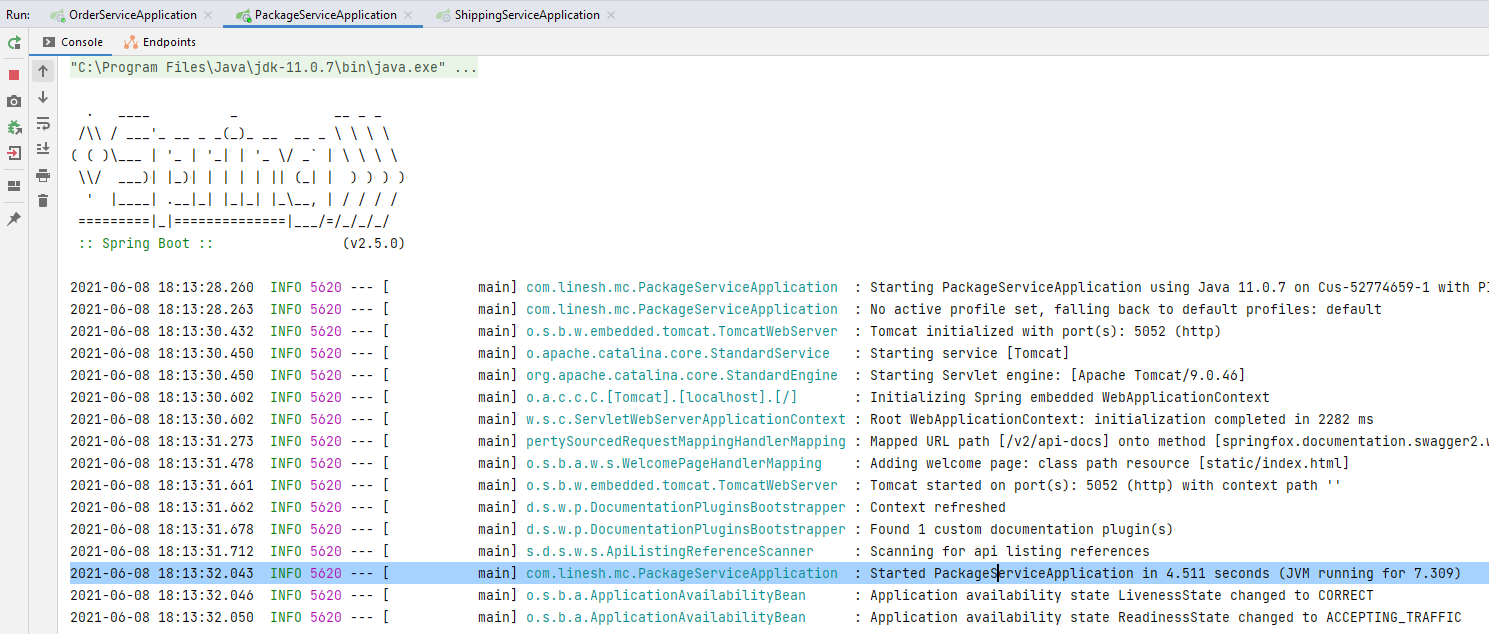
# K-Point Details

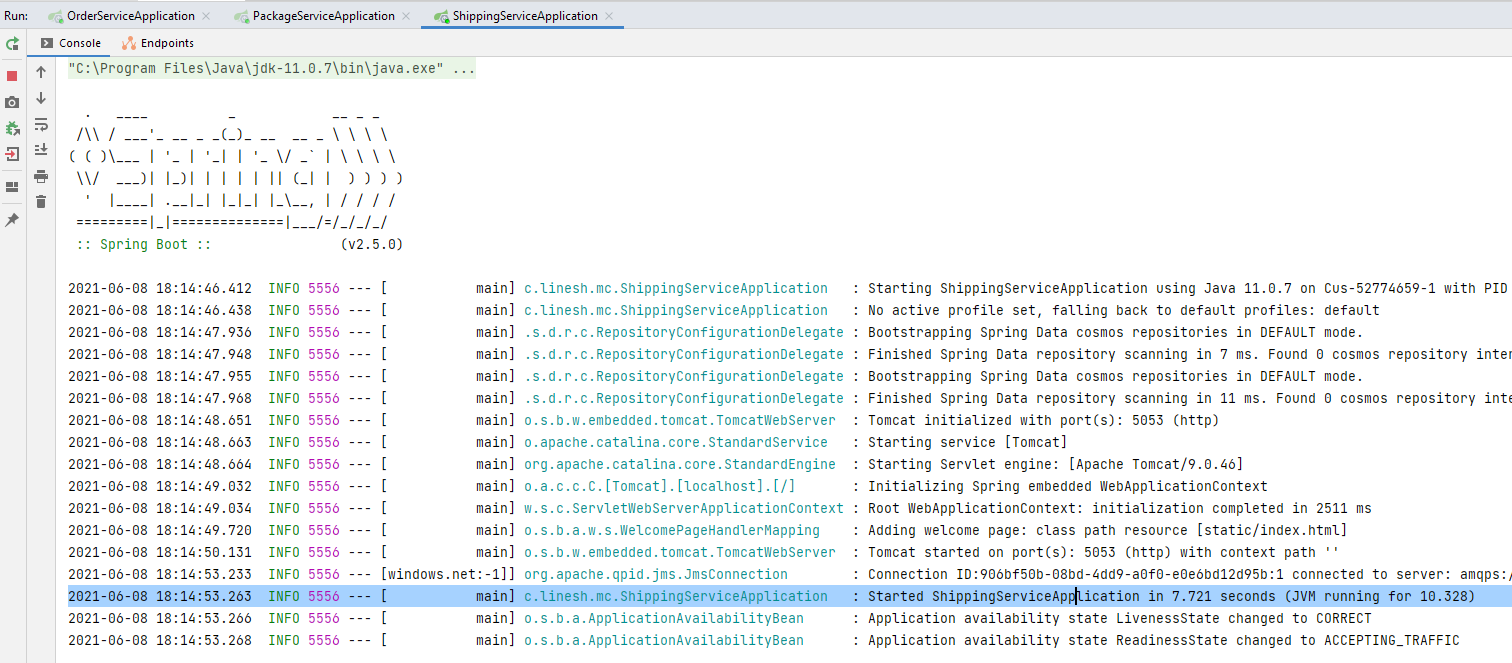
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| Video Title |  |
| Video Link |  |

# Local Execution Screenshots

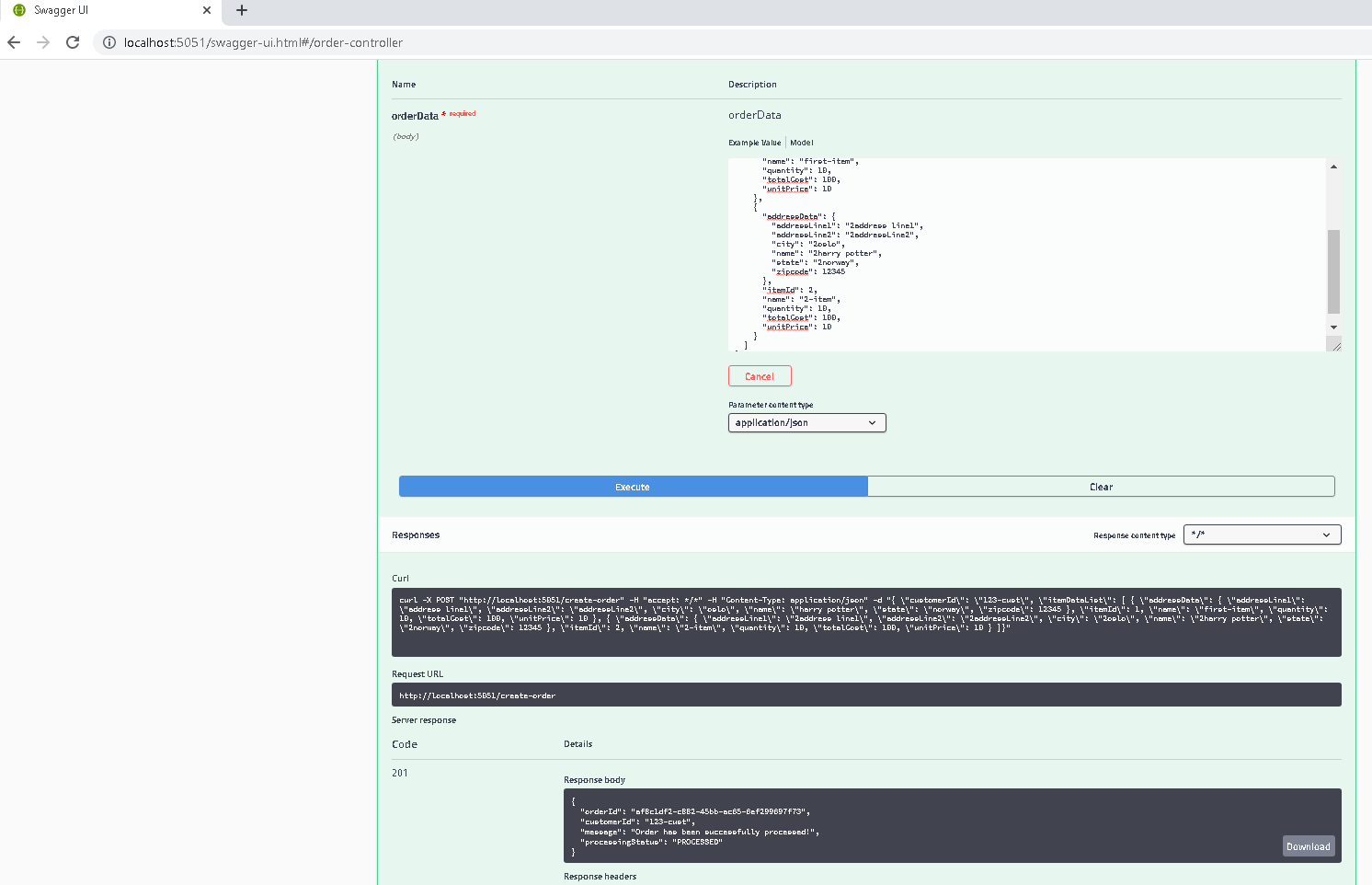
### All Micro services Running Locally without any Errors



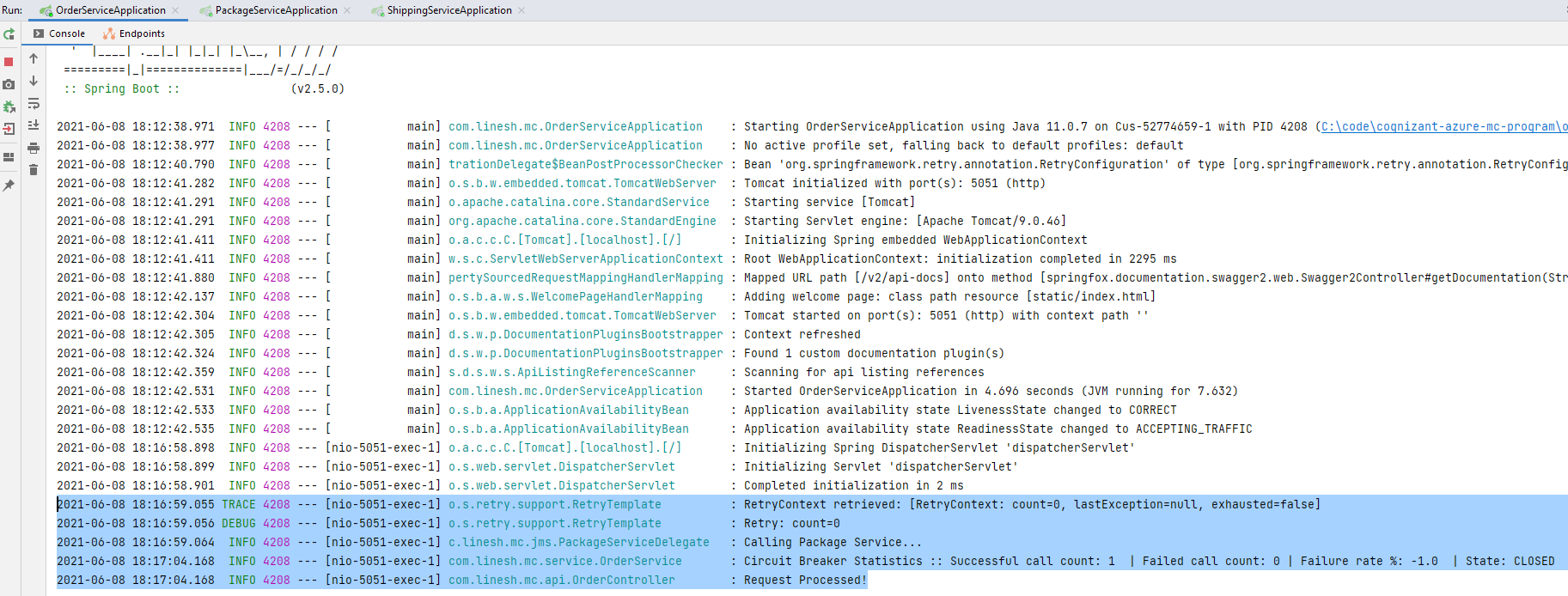




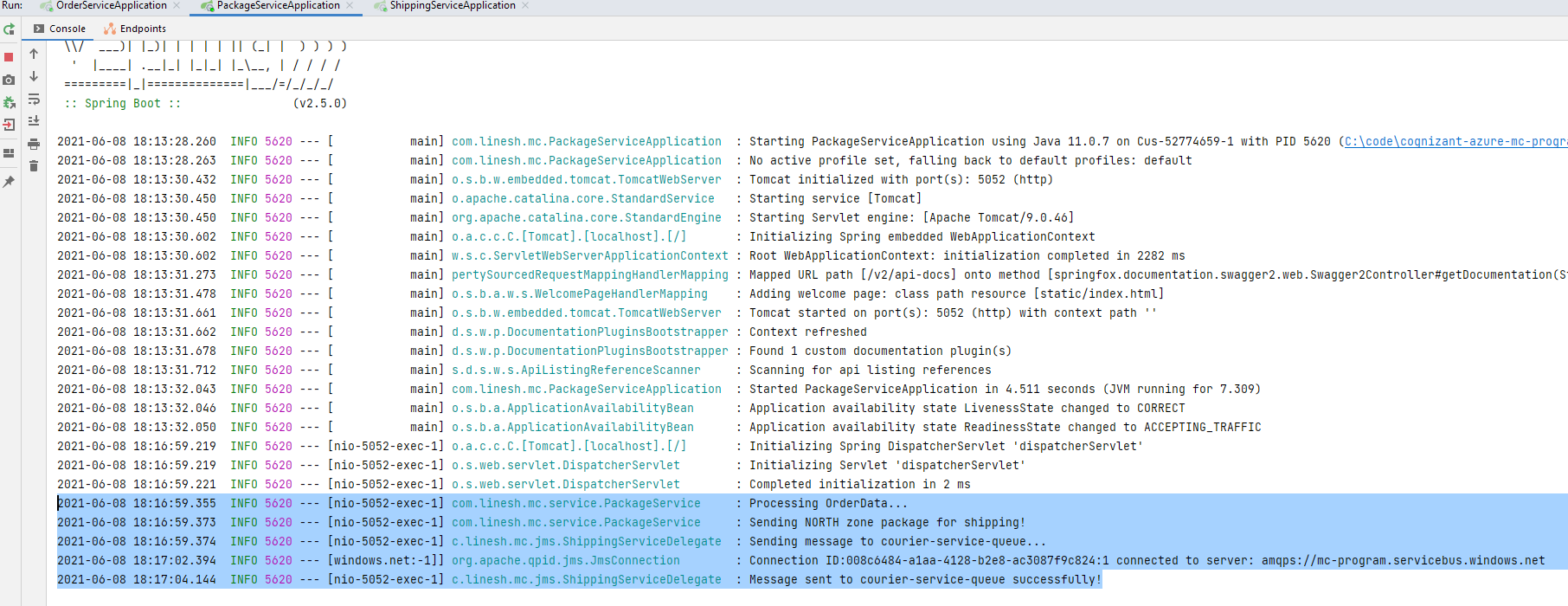
### Posting Request in Swagger UI for Order Service



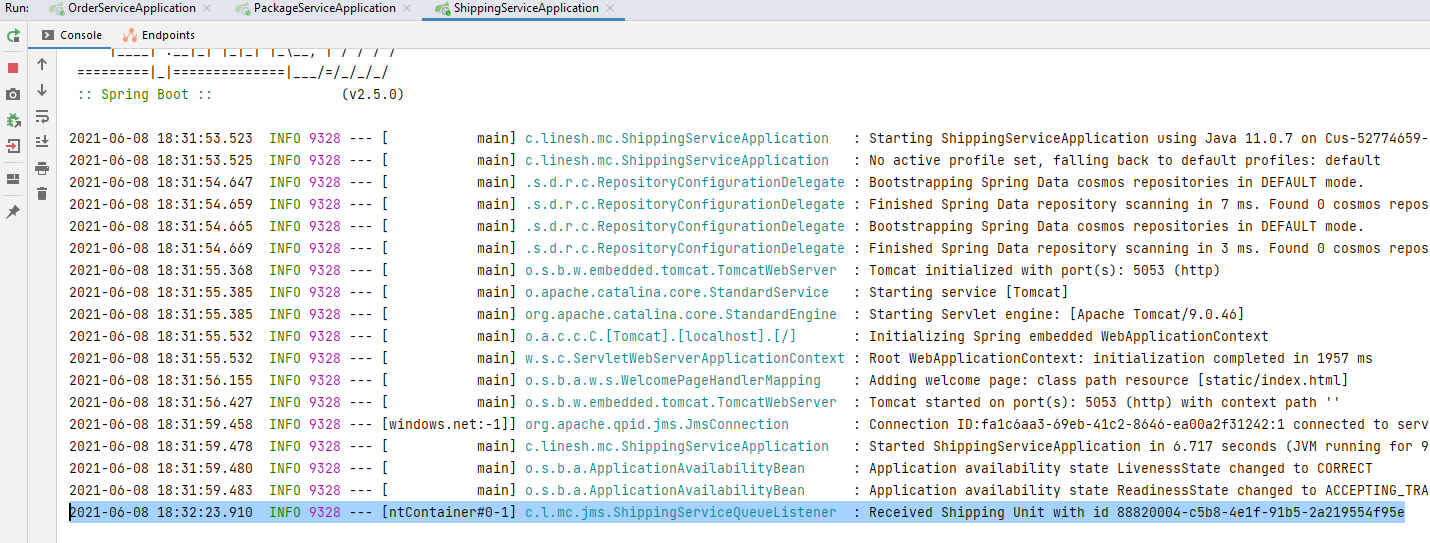
### Circuit Breaker and Retry Functionalities in Order Service



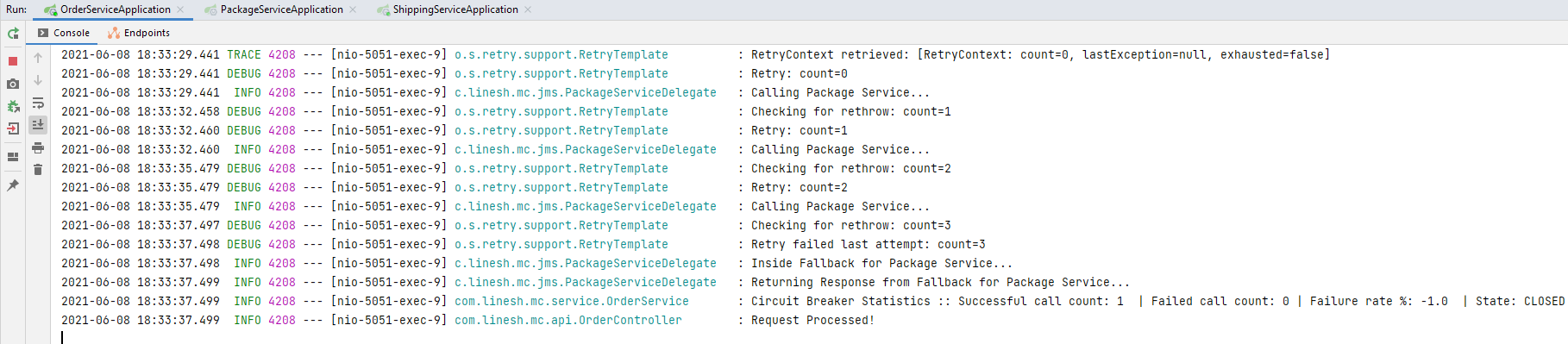
### Data Received in Downstream Systems – Package Service



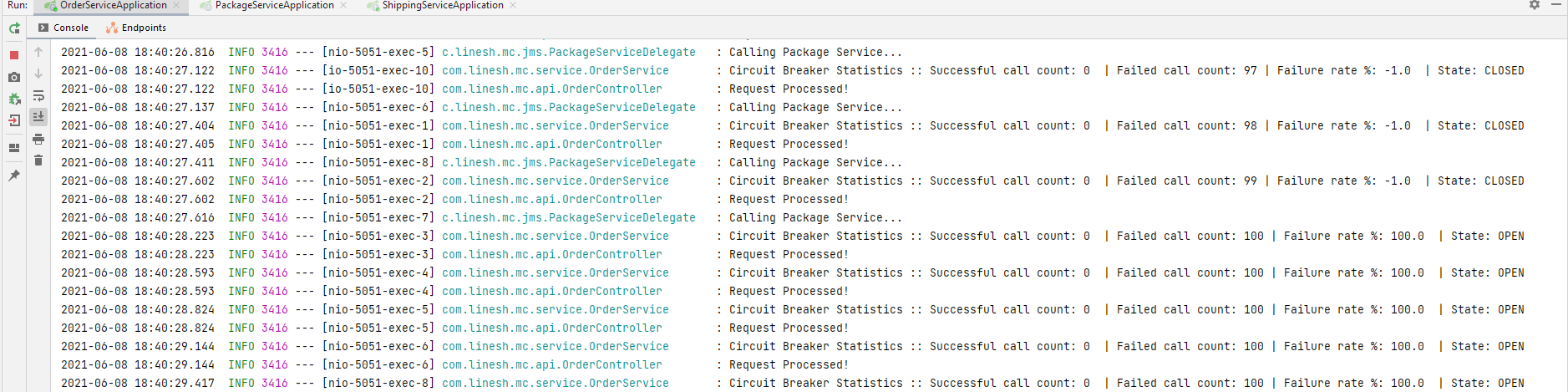
### Data Received in Downstream Systems – Courier Service



### Retry and Fallback



### Circuit Breaker



# Azure Screenshots