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| **Topic** | Apache Kafka |
| **Document Name** | KAFKA-EX-02 |
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| **Document Difficulty Level** | | | |
| **Beginner** | **Junior** | **Senior** | **Expert** |
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# Document History

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| --- | --- | --- | --- |
| Date | Author | Ver | Comments |
| 05.03.2025 | Mennan Tekbir | 1.0 | Initial Draft |
| 05.03.2025 | Mehmet Erdem Önal | 1.1 | Revisions |

# Apache Kafka

## Exercise KAFKA-EX-02:

**Definiton:** Pull & run Kafka container from Docker Hub in your GCP or AWS cloud machine. (You can use confluent oﬀcial docker- [repo](https://github.com/confluentinc/cp-all-in-one/tree/7.5.0-post/cp-all-in-one) ). For being more practical, you can run in your local machine first, and then, you can switch to cloud machine.

**Note:** If you did not get a cloud machine previously, you may simply run it on your local machine.

**Hint:** [Run Apache Kafka using Docker](https://www.youtube.com/watch?v=8ZTTcAWMIAE)

Please provide screenshots to show your work.

## KAFKA-EX-02 Solution:

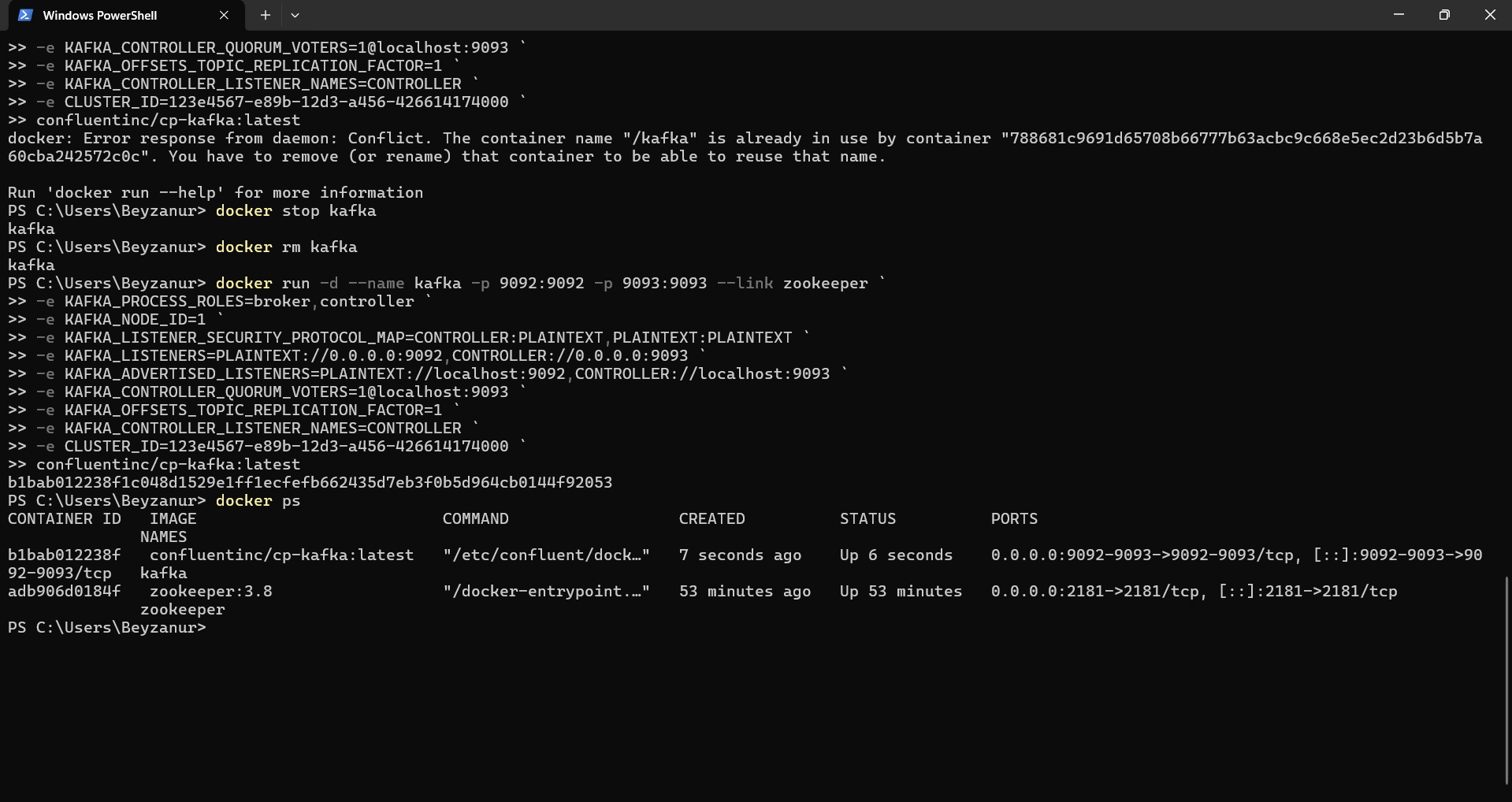
**Your Answer:**

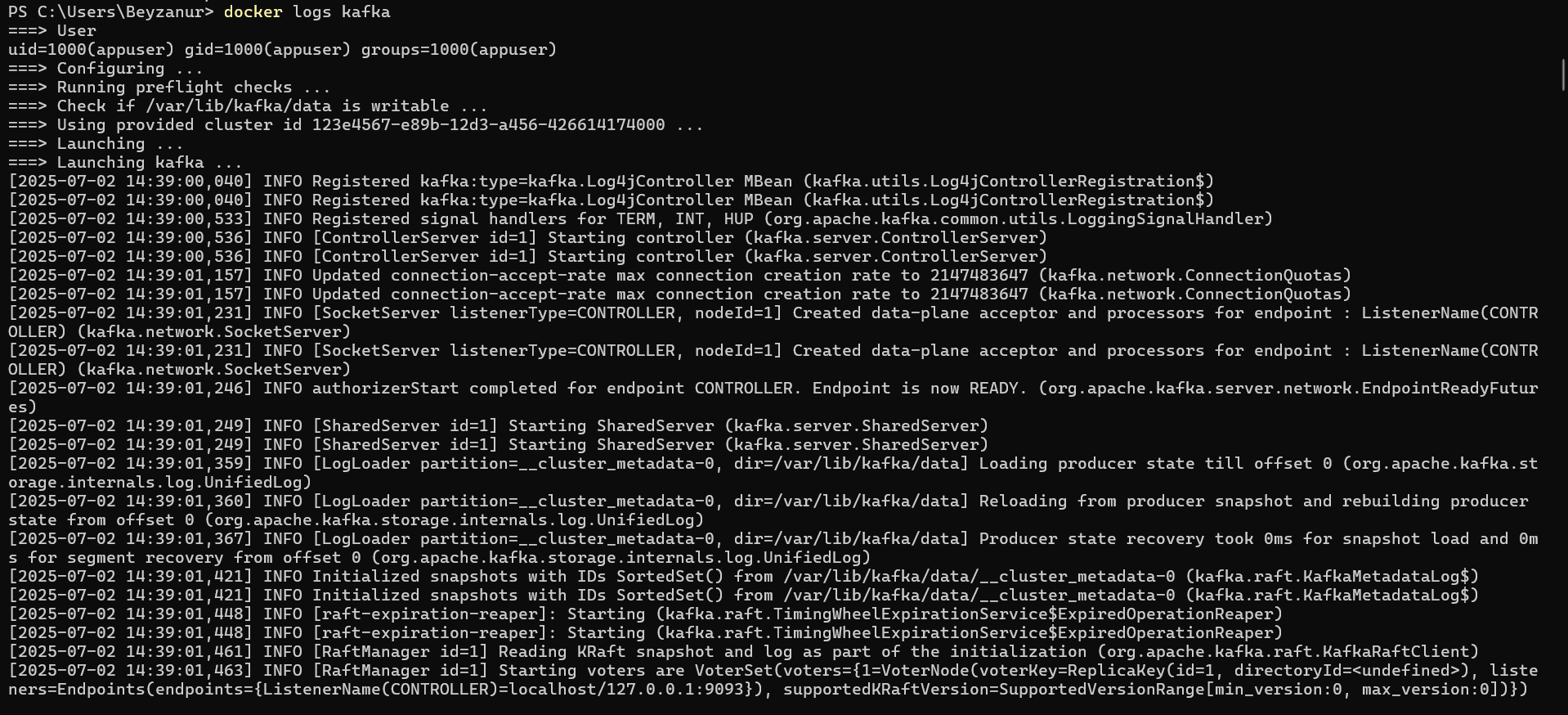
**Kafka Docker Setup (KAFKA-EX-02)**

In this assignment, I aimed to run Apache Kafka using Docker.  
At first, I encountered some version-related errors, but I resolved them by using Kafka version 7.4.0.  
After running the Zookeeper and Kafka containers, I created a test topic to verify that the setup was completed successfully

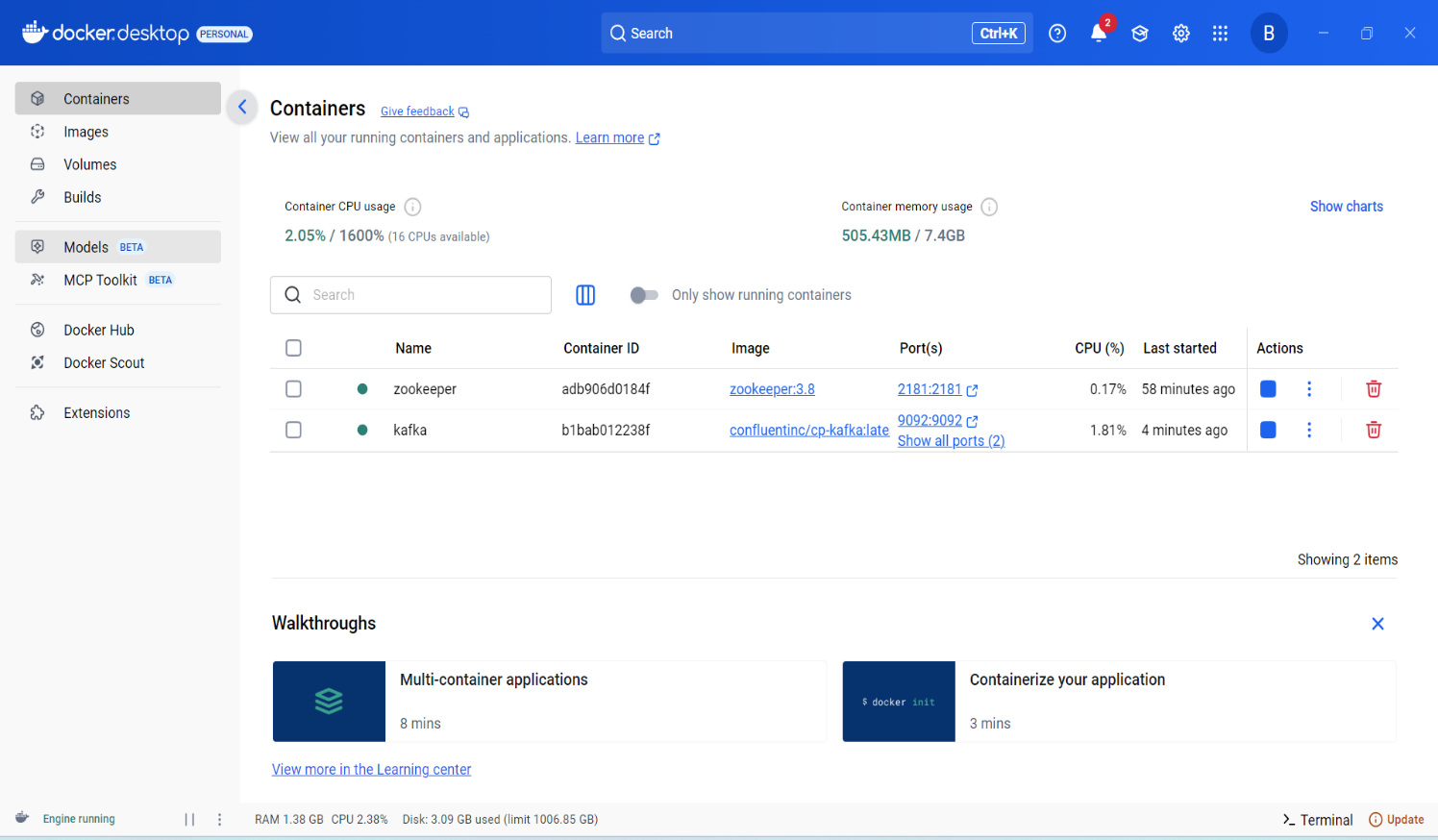
**Kafka Docker Kurulumu (KAFKA-EX-02)**

Bu ödevde Docker kullanarak Apache Kafka’yı çalıştırmayı hedefledim.  
Başlangıçta sürüm kaynaklı bazı hatalarla karşılaştım, ancak Kafka'nın 7.4.0 sürümünü kullanarak bu sorunları çözdüm.  
Zookeeper ve Kafka konteynerlerini çalıştırdıktan sonra test amaçlı bir topic oluşturarak kurulumun doğru şekilde tamamlandığını doğruladım.

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