Contents

Install Kafka

Windows OS

1. Let's spin our Kafka cluster and give it a try!
   The easiest way to set up Kafka just to mess around locally is to use Docker. There are many Docker Images with Kafka.

I used Docker Desktop and Rancher Desktop.

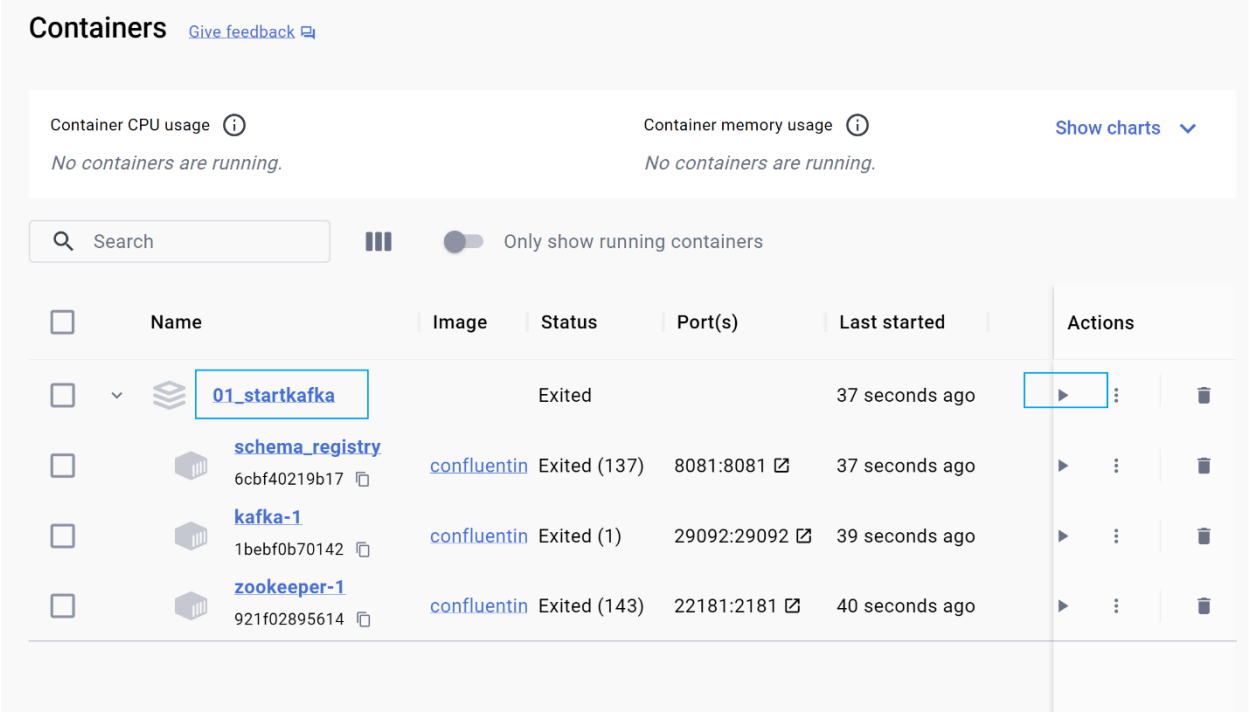
2. Download and install Docker desktop.
   You might use also Rancher desktop. In this case WSL (Windows Subsystem for Linux) should to be installed.
   (Containerization Explained - YouTube - https://www.youtube.com/watch?v=0qotVMX-J5s)
3. To make setup easier I've included docker-compose file, so you can make your kafka cluster up and running in seconds. Copy docker-compose.yml into your working folder.
4. Open a cmd – command prompt line in your working directory, which contains the docker-compose.yml file:

   Run command:

   >docker-compose up

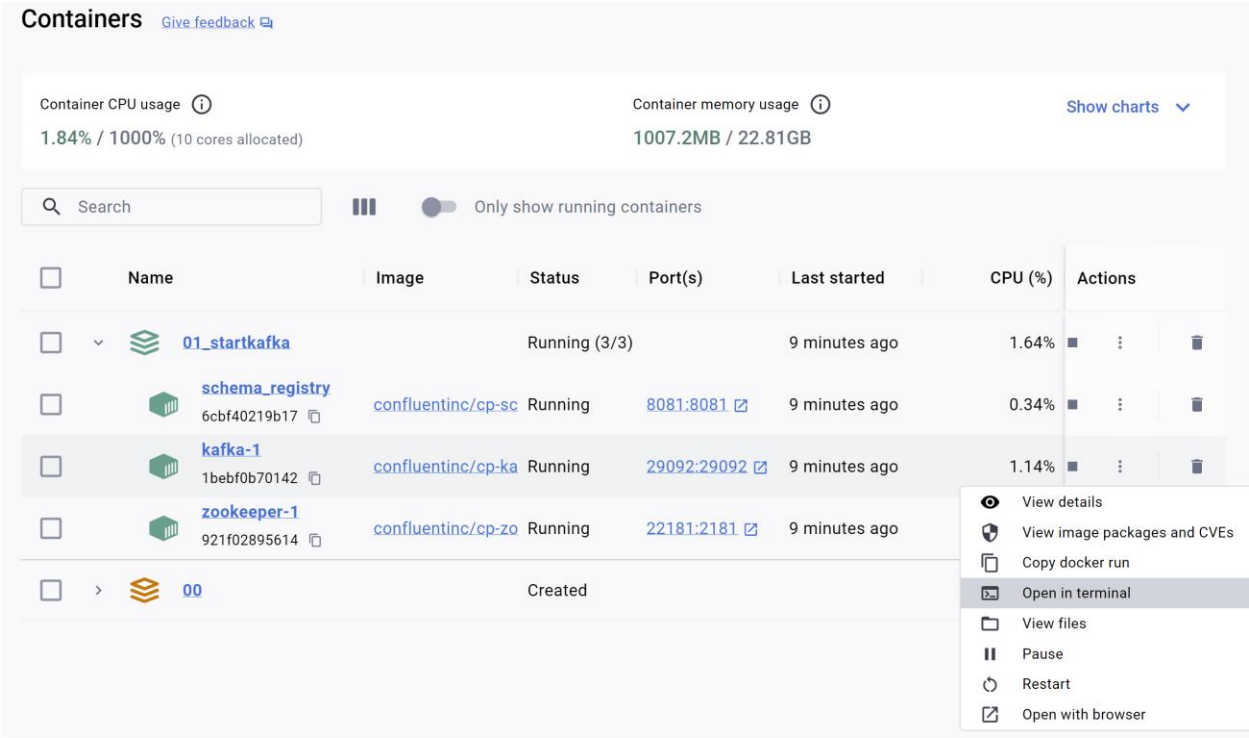
   Logs should begin appear in the window.

5. You can also start docker desktop: start→ Docker compose



In this example my working directory is 01-startkafka.

6. Open a kafka terminal



7. Create a new topic

/usr/bin/kafka-topics --create --bootstrap-server kafka:29092 localhost:29092 --topic topicTest1

Linux OS – TBD (to be defined)

We can also install Kafka as a stand-alone application.

Create github account – if not already existing

Link to create github account:

[Signing up for a new GitHub account - GitHub Docs]

Github account has NOT direct relationship with Kafka. 8)

In Github you will place the Kafka projects.