

zookeeper:
image: confluentinc/cp-zookeeper:6.2.4
container_name: zookeeper
ports:
- 22181:2181
healthcheck:
test: ["CMD", "nc", "-vz", "localhost", "2181"]
interval: 10s
timeout: 3s
retries: 3
environment:
ZOOKEEPER_CLIENT_PORT: 2181
ZOOKEEPER_TICK_TIME: 2000

kafka:
image: confluentinc/cp-kafka:6.2.4
container_name: kafka
ports:
- 29092:29092
depends_on:
zookeeper:
condition: service_healthy
healthcheck:
test: ["CMD", "nc", "-vz", "localhost", "9092"]
interval: 10s
timeout: 3s
retries: 3
environment:
KAFKA_BROKER_ID: 1
KAFKA_ZOOKEEPER_CONNECT: zookeeper:2181
KAFKA_LISTENERS: OUTSIDE://:29092,INTERNAL://:9092
KAFKA_ADVERTISED_LISTENERS: OUTSIDE://localhost:29092,INTERNAL://kafka:9092
KAFKA_LISTENER_SECURITY_PROTOCOL_MAP: INTERNAL:PLAINTEXT,OUTSIDE:PLAINTEXT
KAFKA_INTER_BROKER_LISTENER_NAME: INTERNAL
KAFKA_OFFSETS_TOPIC_REPLICATION_FACTOR: 1

service-db:
image: docker.io/postgres:13-alpine
container_name: postgres
ports:
- "15432:5432"
environment:
POSTGRES_USER: username
POSTGRES_PASSWORD: password
healthcheck:
test: ["CMD-SHELL", "pg_isready", "-d", "clients_database"]
interval: 10s
timeout: 3s
retries: 3
volumes:
- ./infrastructure/db/create_db.sql:/docker-entrypoint-initdb.d/create_db.sql
restart: unless-stopped

kafka-ui:
image: provectuslabs/kafka-ui
container_name: kafka-ui
ports:
- "8080:8080"
restart: always
depends_on:
kafka:
condition: service_healthy
environment:
KAFKA_CLUSTERS_0_NAME: local
KAFKA_CLUSTERS_0_BOOTSTRAPSERVERS: kafka:9092