



check if kafka is running

`nc -z localhost 9092`

`docker logs broker1 | grep -i started`

inspect network

`docker network inspect lab8-demo-net`

start kafka cluster

`docker-compose -f docker-compose-lab8kafka.yml up`

stop kafka cluster and remove containers

`docker-compose -f docker-compose-lab8kafka.yml down`

start apache/filebeat docker

`docker-compose -p filebeat -f docker-compose-lab8filebeat.yml up`

stop apache/filebeat docker and remove containers

`docker-compose -p filebeat -f docker-compose-lab8filebeat.yml down`

List all topics in kafka cluster

`docker exec -it broker1 /bin/kafka-topics --bootstrap-server broker1:29092 --list`

Create lab8 topic

`docker exec -it broker3 /bin/kafka-topics --bootstrap-server broker3:29092 --create --topic lab8 --replication-factor 2 --partitions 10`

Describe lab8 topic

```
docker exec -it broker3 /bin/kafka-topics --bootstrap-server broker3:29092 --describe --topic lab8
```

Running consumer for topic lab8

```
docker exec -it broker1 /bin/kafka-console-consumer --bootstrap-server broker1:29092 --topic lab8
```

DumpLogSegments command from partition 1 topic lab8

```
/bin/kafka-run-class kafka.tools.DumpLogSegments --deep-iteration --print-data-log --files /var/lib/kafka/data/lab8-1/00000000000000000000.log
```