

Apache Kafka –Docker Installation

➤ Docker Pull Command : **docker pull ches/kafka**

A non-default bridge network enables convenient name-to-hostname discovery

```
$ docker network create kafka-net
```

```
$ docker run -d --name zookeeper --network kafka-net  
zookeeper:3.4
```

```
$ docker run -d --name kafka --network kafka-net --env  
ZOOKEEPER_IP=zookeeper ches/kafka
```

```
$ docker run --rm --network kafka-net ches/kafka \  
> kafka-topics.sh --create --topic test --replication-factor 1 --  
partitions 1 --zookeeper zookeeper:2181  
Created topic "test".
```

In separate terminals:

```
$ docker run --rm --interactive --network kafka-net ches/kafka \  
> kafka-console-producer.sh --topic test --broker-list kafka:9092  
<type some messages followed by newline>
```

```
$ docker run --rm --network kafka-net ches/kafka \  
> kafka-console-consumer.sh --topic test --from-beginning --  
bootstrap-server kafka:9092
```