

Test Task

Using Docker-compose, deploy a system where Web-application, ClickHouse and Kafka will be configured.

In Kafka, create a topic named events in which you need to write JSON messages with the following structure

```
{  
  "ts" 1798128392,  
  "user_id": 123,  
  "operation": "like",  
  "status": 1  
}
```

In ClickHouse, create a MergeTree table named events with the appropriate structure. Set up a record from Kafka to ClickHouse using the Kafka Engine and Materialized view.

Another words – each time you write something in events Kafka-topic, this data must automatically appear in events ClickHouse table.

Add step-by-step description how we can reproduce your solution.