Kafka

Kafka is an open-source event streaming platform first developed by LinkedIn, then donated to the Apache software foundation. Apache Kafka aims to provide the user with a unified, high latency, high throughput platform for handling real-time data.

Apache Kafka offers low latency value, i.e., upto 10 milliseconds. It is because it decouples the message which lets the consumer to consume that message anytime.

Due to low latency, Kafka is able to handle more number of messages of high volume and high velocity. Kafka can support thousands of messages in a second. Many companies such as Uber use Kafka to load a high volume of data.

To install Kafka we need to install Zoo Keeper first

Zookeeper

Zookeeper is a top-level software developed by Apache that acts as a centralized service and is used to maintain naming and configuration data and to provide flexible and robust synchronization within distributed systems. Zookeeper keeps track of status of the Kafka cluster nodes and it also keeps track of Kafka topics, partitions etc.

