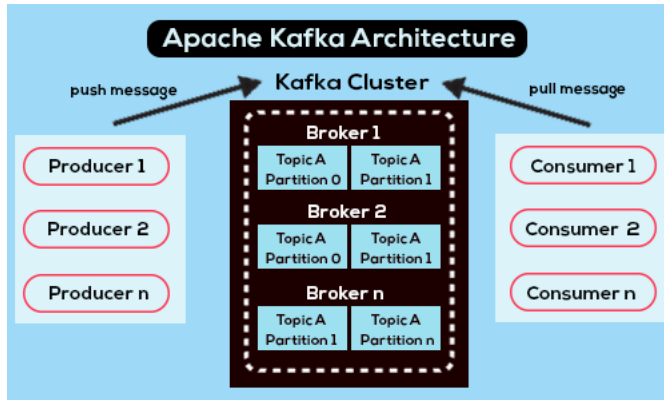


Kafka

Apache Kafka is an open-source distributed streaming platform that is used for building real-time data pipelines and streaming applications.



1. Install java and setup environment variable.
2. Go to link <https://kafka.apache.org>
3. Click download and Download latest binary (eg. Scala 2.13 - kafka_2.13-3.4.0.tgz (asc, sha512))
4. Unzip it and Put it in c drive and rename folder as kafka
5. Inside config folder there are server.properties and zookeeper.properties files edit log directory

Eg . log.dirs=C:/kafka/kafka-logs on server.properties

And dataDir=C:/kafka/zookeeper on zookeeper.properties

6. Start zookeeper

.\bin\windows\zookeeper-server-start.bat .\config\zookeeper.properties

7. Start Kafka

.\bin\windows\kafka-server-start.bat .\config\server.properties

8. Create topic

.\bin\windows\kafka-topics.bat --create --bootstrap-server localhost:9092 --topic Test

9. List topic

.\bin\windows\kafka-topics.bat --list --bootstrap-server localhost:9092

10. Producer

```
.\.bin\windows\kafka-console-producer.bat --bootstrap-server localhost:9092  
--topic test
```

```
.\.bin\windows\kafka-console-producer.bat --broker-list localhost:9092 --topic  
test
```

11. Consumer

```
.\.bin\windows\kafka-console-consumer.bat --bootstrap-server  
localhost:9092 --topic test --from-beginning
```

Example :

```
{"name":"John","age":"20","gender":"male"}
```

```
{"name":"Emma","age":"20","gender":"female"}
```

```
{"name":"Mohan","age":"21","gender":"male"}
```

12. Stop zookeeper

```
.\.bin\windows\zookeeper-server-stop.bat .\config\zookeeper.properties
```

13. Stop kafka

```
.\.bin\windows\kafka-server-stop.bat .\config\server.properties
```