**Kafka安装教程**

前提：安装Zookeeper和Scala

# 上传解压压缩文件

tar -zxvf scala-2.12.2.tgz -C Scala

配置scala的环境变量

export SCALA\_HOME=/home/hadoop/Scala/scala-2.12.2

export PATH=$PATH:$JAVA\_HOME/bin:$HADOOP\_HOME/bin:$HADOOP\_HOME/sbin:$ZOOKEEPER\_HOME/bin:$MYSQL\_HOME/bin:$HIVE\_HOME/bin:$SQOOP\_HOME/bin:$FLUME\_HOME/bin:$OOZIE\_HOME/bin:$HUE\_HOME/build/env/bin:$HBASE\_HOME/bin:$STORM\_HOME/bin:$SCALA\_HOME/bin

查看scala的版本

scala –version

tar -zxvf kafka\_2.10-0.8.2.1.tgz（2.10为scala版本，需对应）

## 替换jar包

替换libs目录下的zookeeper jar包

rm ./libs/zookeeper-3.4.10.jar

cp ../zookeeper-3.4.10/zookeeper-3.4.10.jar ./libs/

（相同就别替换了）

# 配置配置文件

kafka\_2.10-0.8.2.1/config目录下

## 配置server.propertis文件

新建目录

# The id of the broker. This must be set to a unique integer for each broker.

broker.id=0

############################# Socket Server Settings #############################

# The port the socket server listens on

port=9092

# Hostname the broker will bind to. If not set, the server will bind to all interfaces

host.name=MyDream

# A comma seperated list of directories under which to store log files

log.dirs=/home/hadoop/kafka\_2.10-0.8.2.1/data

zookeeper.connect=MyDream:2181

## 修改consumer.propertis

zookeeper.connect=MyDream:2181

## 修改producer.propertis

metadata.broker.list=MyDream:9092

## 配置/etc/profile

export KAFKA\_HOME=/home/hadoop/kafka\_2.10-0.8.2.1

export PATH=$PATH:$JAVA\_HOME/bin:$HADOOP\_HOME/bin:$HADOOP\_HOME/sbin:$ZOOKEEPER\_HOME/bin:$MYSQL\_HOME/bin:$HIVE\_HOME/bin:$SQOOP\_HOME/bin:$FLUME\_HOME/bin:$OOZIE\_HOME/bin:$HUE\_HOME/build/env/bin:$HBASE\_HOME/bin:$STORM\_HOME/bin:$SCALA\_HOME/bin

:$KAFKA\_HOME/bin

# 启动kafka

前提已经启动zookeeper

1、启动服务

[jerry@java08 kafka\_2.10-0.8.2.1]$ ./bin/kafka-server-start.sh config/server.properties

2、创建主题

[jerry@java08 kafka\_2.10-0.8.2.1]$ bin/kafka-topics.sh --create --zookeeper MyDream:2181 --replication-factor 1 --partitions 1 --topic testTopic11

##显示当前集群中的所有主题

bin/kafka-topics.sh --list --zookeeper MyDream:2181

默认情况下每一个生产者对应一个主题，可以并发该主题

3、启动生产者

bin/kafka-console-producer.sh --broker-list MyDream:9092 --topic testTopic11

4、启动消费者

bin/kafka-console-consumer.sh --zookeeper MyDream:2181 --topic testTopic11 --from-beginning