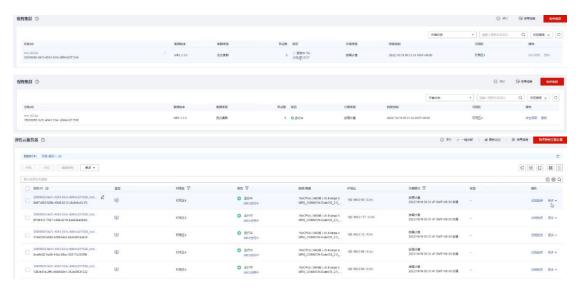
## 201250123 大数据 hw6 实验报告

# 一、MRS 流式集群购买



# 二、Kafka 客户端的安装

# 2.1 fusion insight manager 登录



# 2.2 向集群内各个节点迁移

```
scp: opt/Bigdata/client: No such file or directory

LrootBrode-master1CWas FusionInsight-ClientI# scp -p /tmp/FusionInsight-Client/FusionInsight_Cluster_1_Services_Client.tar 192.1

68.8.177:/tmp

Warning: Permanently added '192.168.8.177' (ED25519) to the list of known hosts.

root0192.168.0.177's password:

FusionInsight_Cluster_1_Services_Client.tar

LrootBrode-master1CWas FusionInsight-ClientI# scp -p /tmp/FusionInsight-Client/FusionInsight_Cluster_1_Services_Client.tar 192.1

68.8.177:/tmp
```

2.3 集群内各个节点的安装 主节点

```
Connected (encrypted) to 3144326 e5th -2014403 ebast tax30 before you entreasure that computer is locked.

[22 18-19 81:21:251: Checking "The errole status."
[22 18-19 81:21:251: Checking "The errole status."
[22 18-19 81:21:251: Checking "The errole status."
[22 18-19 81:21:251: Pre-install check is complete.
[22 18-19 81:21:251: Pre-install public library begin ...
[22 18-19 81:21:251: Install public library begin ...
[22 18-19 81:21:251: Install JBK begin ...
[22 18-19 81:21:251: Install JBK begin ...
[23 18-19 81:21:251: Recompress Sik tar. gr to rept-relient/JBK.

/ open,MR cerion "In 8 2.72"

Open,MR (et al. Section "In 8 2.72"-10 the explaint of the expla
```

#### 其它主节点/node

```
[22-18-19 81:24:81]: Checking NTF service status.
[22-18-19 81:24:81]: Checking NTF service status.
[22-18-19 81:24:83]: Precinstal check is complete.
[22-18-19 81:24:83]: Precinstal check is complete.
[22-18-19 81:24:83]: Precinstal check is complete.
[22-18-19 81:24:85]: Install public library begin ...
[22-18-19 81:24:85]: Checompers jik. tar. gz to /opt/client/JDK.
/
```

#### 三、Kafka 的信息传递

### 3.1 找到 master1



### 3.2 生效环境变量

```
| 122-18-19 81:21:321: Install RebClient begin ...
| 122-18-19 81:21:321: Copy -trap-PusionInsight-Client-PusionInsight Client-PusionInsight-RebPusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsight-Client-PusionInsig
```

3.3IAM 同步



3.4 选择 zookeeper 实例



3.5 创建 topic

### 3.6 选择 Kafka 实例



### 3.7 收发消息 (Ixx 是刘晓旭 201250123 是学号)

```
| FrootEnode-master1Class | bin||| kafka-console-producer.sh --broker-list 192.168.8.52:9892 --topic test1819 --producer.config /opt/c lient/Kafka/kafka/config/producer.properties (2822-18-19 81:52:41.637) | WHRN The configuration 'producer.type' was supplied but isn't a known config. (org.apache.kafka.client s.producer.ProducerConfig) | 12822-18-19 81:52:41.642| WHRN The configuration 'serializer.class' was supplied but isn't a known config. (org.apache.kafka.clients.producer.ProducerConfig) | 12822-18-19 81:52:41.642| WHRN The configuration 'serializer.class' was supplied but isn't a known config. (org.apache.kafka.clients.producer.ProducerConfig) | 12822-18-19 81:52:41.642| WHRN The configuration 'serializer.class' was supplied but isn't a known config. (org.apache.kafka.clients.producer.Producer.ProducerConfig) | 12822-18-19 81:52:41.642| WHRN The configuration 'serializer.class' was supplied but isn't a known config. (org.apache.kafka.clients.producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Producer.Prod
```

## 四、python 使用 Kafka (已安装 python-kafka)

```
SyntaxError: Non-ASCII character '\xe5' in file producer.py on line 13, but [root@node-masterlCWws ~]# python producer.py start producer end producer [root@node-masterlCWws -]# python consumer.py start consumer test1019: value=201250123 liuxiaoxu
```