启动flume:

bin/flume-ng agent --conf conf --conf-file conf/zhouwhnode2.conf --name a2 -Dflume.root.logger=INFO,console

bin/flume-ng agent --conf conf --conf-file conf/zhouwh.conf --name a1 -Dflume.root.logger=ERROR,console

bin/flume-ng agent -c conf -f conf/zhouwh\_test.conf -n producer -Dflume.root.logger=INFO,console

bin/flume-ng agent --conf conf --conf-file conf/zhouwh\_http.conf --name a1 -Dflume.root.logger=INFO,console

bin/flume-ng agent --conf conf/ -f conf/zhouwh\_test.conf -n producer

http监控：

bin/flume-ng agent --conf conf --conf-file conf/zhouwh\_http.conf --name a1 -Dflume.monitoring.type=http -Dflume.monitoring.port=1234 -Dflume.root.logger=INFO,console

浏览器输入地址查看json：

http://ip:1234/metrics（http://172.16.71.69:1234/metrics）

删除flume读取文件：

/root/.flume/file-channel/checkpoint

/root/.flume/file-channel/data

post请求：

curl -X POST -d'[{"headers":{"h1":"v1","h2":"v2"},"body":"hello body"}]' http://172.16.71.63:4787

curl -X POST -d'[{"headers":{"h1":"v1","h2":"v2"},"body":"ALARMID: 100023833591357,RULEID: ee60d11df2594397baf3484b60330556,FDID: 203700000100013009,CHANNELTYPE: 1,CHANNELID: 1,FDNAME: 99,CHANNELNAME: 牛顿+1,ALARMSESSIONID: 4,ALARMSEQ: 16777217,ALARMTYPE: 39,ALARMTYPEMINOR: 0,ALARMTIME: 2012-12-10 14:26:39,SEVERITYLEVEL 5,DETAIL: 99,CENTERSTOREKEY: ftp://172.16.65.51/incoming/chenlin/images/6.jpg,PLATENO: 琼H9pwic,PLATENO2: 99,PLATENO3: 99,PLATETYPE: 大型车,PLATECOLOR: 水晶紫,PLATECHACTERCOLOR: 99,VEHICLECOLOR: 99,VEHICLETYPE: 99,VEHICLELONG: 99,RECORDEDSPEED: 30,SPEEDMIN: 99,SPEEDMAX: 99,MONITORLOCATIONID: 99,MONITORLOCATIONNAME: 嘉陵江东街+泰山GITUDE: 99,LATITUDE: 99,MANAGERROLEID: 99,MANAGERROLENAME: 99,STORAGEAREAID: 99,VEHICLEFROM: 99,VEHICLECHANNEL: 99,FACTORYCODE: 99,SOURCEFROM: 99,TRACKID: 99,SOURCEFROMNAME: 99,FACTORYNAME: 99,CREATEDATE: 2012-06-11 04:25:23,IDEXT: 99"}]' http://172.16.71.63:4787

修改linux中JAVA JVM内存：

/tomcat/bin/catalina.sh 加上下面的命令:  
JAVA\_OPTS=" -Xms64m -Xmx10240m "

conf配置

\*\*\*\*\*\*\*一份源数据分发不同topic，解决内存溢出（通过写入log解决但是会发现发送至kafka速度变慢）：

a1.sources=r1

a1.sinks=k1 k2

a1.channels=c1 c2

a1.sources.r1.channels=c1 c2

a1.sources.r1.type=spooldir

a1.sources.r1.spoolDir=/home/zhouwh

a1.sinks.k1.type=org.apache.flume.plugins.KafkaSink

a1.sinks.k1.metadata.broker.list=h1.hadoop:9092,h2.hadoop:9092,h3.hadoop:9092,h4.hadoop:9092

a1.sinks.k1.serializer.class=kafka.serializer.StringEncoder

a1.sinks.k1.request.required.acks=1

a1.sinks.k1.max.message.size=1000000

a1.sinks.k1.producer.type=async

a1.sinks.k1.custom.encoding=UTF-8

a1.sinks.k1.custom.topic.name=zhouwh

a1.sinks.k1.channel=c1

a1.sinks.k2.type=org.apache.flume.plugins.KafkaSink

a1.sinks.k2.metadata.broker.list=h1.hadoop:9092,h2.hadoop:9092,h3.hadoop:9092,h4.hadoop:9092

a1.sinks.k2.serializer.class=kafka.serializer.StringEncoder

a1.sinks.k2.request.required.acks=1

a1.sinks.k2.max.message.size=1000000

a1.sinks.k2.producer.type=async

a1.sinks.k2.custom.encoding=UTF-8

a1.sinks.k2.custom.topic.name=zhouwh2

a1.sinks.k2.channel=c2

a1.channels.c1.type=file

a1.channels.c1.capacity=1000000

a1.channels.c1.transactionCapacity=1000000

a1.channels.c1.checkpointDir=/mnt/data/flume/checkpoint

a1.channels.c1.dataDirs=/mnt/data/flume/data

a1.channels.c2.type=memory

a1.channels.c2.capacity=1000000

a1.channels.c2.transactionCapacity=1000000

\*\*\*一份源数据分发不同的（两个）topic中：

a1.sources=r1

a1.sinks=k1 k2

a1.channels=c1 c2

a1.sources.r1.channels=c1 c2

a1.sources.r1.type=spooldir

a1.sources.r1.spoolDir=/home/zhouwh

a1.sinks.k1.type=org.apache.flume.plugins.KafkaSink

a1.sinks.k1.metadata.broker.list=h1.hadoop:9092,h2.hadoop:9092,h3.hadoop:9092,h4.hadoop:9092

a1.sinks.k1.serializer.class=kafka.serializer.StringEncoder

a1.sinks.k1.request.required.acks=1

a1.sinks.k1.max.message.size=1000000

a1.sinks.k1.producer.type=async

a1.sinks.k1.custom.encoding=UTF-8

a1.sinks.k1.custom.topic.name=zhouwh

a1.sinks.k1.channel=c1

a1.sinks.k2.type=org.apache.flume.plugins.KafkaSink

a1.sinks.k2.metadata.broker.list=h1.hadoop:9092,h2.hadoop:9092,h3.hadoop:9092,h4.hadoop:9092

a1.sinks.k2.serializer.class=kafka.serializer.StringEncoder

a1.sinks.k2.request.required.acks=1

a1.sinks.k2.max.message.size=1000000

a1.sinks.k2.producer.type=async

a1.sinks.k2.custom.encoding=UTF-8

a1.sinks.k2.custom.topic.name=zhouwh2

a1.sinks.k2.channel=c2

a1.channels.c1.type=memory

a1.channels.c1.capacity=1000000

a1.channels.c1.transactionCapacity=1000000

a1.channels.c2.type=memory

a1.channels.c2.capacity=1000000

a1.channels.c2.transactionCapacity=1000000

一：

a1.sources=r1

a1.sinks=k1

a1.channels=c1

a1.sources.r1.channels=c1

a1.sources.r1.type=spooldir

a1.sources.r1.spoolDir=/home/zhouwh

a1.sinks.k1.type=org.apache.flume.plugins.KafkaSink

a1.sinks.k1.metadata.broker.list=h1.hadoop:9092,h2.hadoop:9092,h3.hadoop:9092,h4.hadoop:9092

a1.sinks.k1.partition.key=6

a1.sinks.k1.partitioner.class=org.apache.flume.plugins.SinglePartition

a1.sinks.k1.serializer.class=kafka.serializer.StringEncoder

a1.sinks.k1.request.required.acks=0

a1.sinks.k1.max.message.size=1000000

a1.sinks.k1.producer.type=sync

a1.sinks.k1.custom.encoding=UTF-8

a1.sinks.k1.custom.topic.name=zhouwh

a1.sinks.k1.channel=c1

a1.channels.c1.type=file

a1.channels.c1.capacity=1000

a1.channels.c1.transactionCapacity=100

a1.channels.c1.checkpointDir=/mnt/data/flume/checkpoint

a1.channels.c1.dataDirs=/mnt/data/flume/data

二：

a1.sinks=k1

a1.channels=c1

a1.sources.r1.channels=c1

a1.sources.r1.type=spooldir

a1.sources.r1.spoolDir=/home/zhouwh

a1.sinks.k1.type=org.apache.flume.plugins.KafkaSink

a1.sinks.k1.metadata.broker.list=h1.hadoop:9092,h2.hadoop:9092,h3.hadoop:9092,h4.hadoop:9092

a1.sinks.k1.serializer.class=kafka.serializer.StringEncoder

a1.sinks.k1.partitioner.class=org.apache.flume.plugins.SinglePartition

a1.sinks.k1.partition.key=6

a1.sinks.k1.request.required.acks=0

a1.sinks.k1.max.message.size=1000000

a1.sinks.k1.producer.type=sync

a1.sinks.k1.custom.encoding=UTF-8

a1.sinks.k1.custom.topic.name=zhouwh

a1.sinks.k1.channel=c1

a1.channels.c1.type=memory

a1.channels.c1.capacity=100000

a1.channels.c1.transactionCapacity=100000

三：flume-env.ps1.template：

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# limitations under the License.

# Give Flume more memory and pre-allocate, enable remote monitoring via JMX

$JAVA\_OPTS="-Xms100m -Xmx200m -Dcom.sun.management.jmxremote"

# Foll. classpath will be included in Flume's classpath.

# Note that the Flume conf directory is always included in the classpath.

$FLUME\_CLASSPATH="" # Example: "path1;path2;path3"

5.flume-conf.properties.template：

agent.sources = seqGenSrc

agent.channels = memoryChannel

agent.sinks = loggerSink

# For each one of the sources, the type is defined

agent.sources.seqGenSrc.type = seq

# The channel can be defined as follows.

agent.sources.seqGenSrc.channels = memoryChannel

# Each sink's type must be defined

agent.sinks.loggerSink.type = logger

#Specify the channel the sink should use

agent.sinks.loggerSink.channel = memoryChannel

# Each channel's type is defined.

agent.channels.memoryChannel.type = memory

# Other config values specific to each type of channel(sink or source)

# can be defined as well

# In this case, it specifies the capacity of the memory channel

agent.channels.memoryChannel.capacity = 100