**Storm伪分布式安装教程**

# 上传解压压缩文件

tar -zxvf apache-storm-0.9.6.tar.gz

# 安装要求、前提

zookeeper集群

python 2.6.6以上

$ python --version

# 配置配置文件

## 配置storm\_env.ini文件

配置（修改）apache-storm-0.9.6/conf

JAVA\_HOME:/home/hadoop/Java/jdk1.8.0\_111

## 配置storm.yaml文件

yaml 有特殊的文件格式要求

配置（修改）apache-storm-0.9.6/conf

--指定Zookeeper服务所在机器

storm.zookeeper.servers:

- "MyDream"

--指定storm主节点所在机器 nimbus 主节点

nimbus.host: "MyDream"

--创建目录存放stormjar包

mkdir apache-storm-0.9.6/workspace

--添加一行,指定storm本地存放目录，存放任务jar包

storm.local.dir: “/home/hadoop/apache-storm-0.9.6/workspace”

--添加一行，指定supervisor节点启动一些工作进程worker所使用的默认优先使用端口，supervisor从节点

supervisor.slots.ports:

- 6700

- 6701

- 6702

- 6703

--指定stormweb页面端口

ui.port: 8081

--指定drpc服务所在机器

drpc.servers:

- “MyDream”

## 配置/etc/profile

export STORM\_HOME=/home/hadoop/apache-storm-0.9.6

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

# 启动storm

在指定nimbus机器上启动nimbus

storm nimbus

or 后台启动

nohup bin/storm supervisor > /dev/null 2>&1 &

查看进程信息

ps -ef | grep daemon.supervisor

启动Supervisor进程：

$ nohup bin/storm supervisor > /dev/null 2>&1 &

$ ps -ef | grep daemon.supervisor

启动ui进程：一定是在Nimbus节点上启动

$ nohup bin/storm ui > /dev/null 2>&1 &

$ ps -ef | grep ui.core

端口：$ netstat -tlnup | grep 8081

启动logviewer日志收集进程：

一定要在每个supervisor节点上启动

$ nohup bin/storm logviewer > /dev/null 2>&1 &

$ ps -ef | grep daemon.logviewer

使用案例wordcount测试：

$ bin/storm jar examples/storm-starter/storm-starter-topologies-0.9.6.jar storm.starter.WordCountTopology wordcount

提交产生的日志

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Uploading topology jar examples/storm-starter/storm-starter-topologies-0.9.6.jar to assigned location: /opt/modules/apache-storm-0.9.6/workspace/nimbus/inbox/stormjar-666404a6-b80a-490a-87ce-d7f943bad678.jar

Start uploading file 'examples/storm-starter/storm-starter-topologies-0.9.6.jar' to '/opt/modules/apache-storm-0.9.6/workspace/nimbus/inbox/stormjar-666404a6-b80a-490a-87ce-d7f943bad678.jar' (3248667 bytes)

[==================================================] 3248667 / 3248667

File 'examples/storm-starter/storm-starter-topologies-0.9.6.jar' uploaded to '/opt/modules/apache-storm-0.9.6/workspace/nimbus/inbox/stormjar-666404a6-b80a-490a-87ce-d7f943bad678.jar' (3248667 bytes)

693 [main] INFO backtype.storm.StormSubmitter - Successfully uploaded topology jar to assigned location: /opt/modules/apache-storm-0.9.6/workspace/nimbus/inbox/stormjar-666404a6-b80a-490a-87ce-d7f943bad678.jar

693 [main] INFO backtype.storm.StormSubmitter - Submitting topology wordcount in distributed mode with conf {"topology.workers":3,"topology.debug":true}

1157 [main] INFO backtype.storm.StormSubmitter - Finished submitting topology: wordcount

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{"topology.workers":3,"topology.debug":true}