Hive安装教程

一、上传hive压缩包并且进行解压

1)Rz

2)tar –zxvf hivefile

二、配置环境变量

export HIVE\_HOME=/usr/local/software/apache-hive-2.3.0-bin

exportPATH=.:$JAVA\_HOME/bin:$HADOOP\_HOME/bin:$HBASE\_HOME/bin:$HIVE\_HOME/bin:$PATH

三、进入hadoop安装目录，新建文件夹并且进行相应的权限设置

hdfs dfs -**mkdir** -p /user/hive/warehouse

hdfs dfs -**mkdir** -p /user/hive/tmp

hdfs dfs -**mkdir** -p /user/hive/**log**

hdfs dfs -**chmod** g+w /user/hive/warehouse

hdfs dfs -**chmod** g+w /usr/hive/tmp

hdfs dfs -**chmod** g+w /usr/hive/**log**

四、修改hive-env.sh文件

mv hive-env.sh.template hive-env.sh

**export** JAVA\_HOME=/opt/java ##Java路径

**export** HADOOP\_HOME=/opt/hadoop ##Hadoop安装路径

**export** HIVE\_HOME=/opt/hive ##Hive安装路径

**export** HIVE\_CONF\_DIR=/opt/hive/conf ##Hive配置文件路径

五、修改hive-site.xml文件

<configuration>

<!-- WARNING!!! This file is auto generated for documentation purposes ONLY! -->

<!-- WARNING!!! Any changes you make to this file will be ignored by Hive. -->

<!-- WARNING!!! You must make your changes in hive-site.xml instead. -->

<!-- Hive Execution Parameters -->

<property>

<name>hive.exec.scratchdir</name>

<value>/usr/hive/tmp</value>

<description>HDFS root scratch dir for Hive jobs which gets created with write all (733) permission. For each connecting user, an HDFS scratch dir: ${hive.exec.scratchdir}/<username> is created, with ${hive.scratch.dir.permission}.</description>

</property>

<property>

<name>hive.metastore.warehouse.dir</name>

<value>/usr/hive/warehouse</value>

<description>location of default database for the warehouse</description>

</property>

<property>

<name>hive.querylog.location</name>

<value>/usr/hive/log</value>

<description>Location of Hive run time structured log file</description>

</property>

<property>

<name>javax.jdo.option.ConnectionURL</name>

<value>jdbc:mysql://192.168.32.128:3306/hive?createDatabaseIfNotExist=true&characterEncoding=UTF-8&useSSL=false</value>

</property>

<property>

<name>javax.jdo.option.ConnectionDriverName</name>

<value>com.mysql.jdbc.Driver</value>

</property>

<property>

<name>javax.jdo.option.ConnectionUserName</name>

<value>root</value>

</property>

<property>

<name>javax.jdo.option.ConnectionPassword</name>

<value>root</value>

</property>

</configuration>

把${system:java.io.tmpdir}改成/usr/local/software/apache-hive-2.3.0-bin/tmp

把${system:user.name}改成${user.name}

六、添加mysql的jar包到$HIVE\_HOME/lib

七、元数据进行初始化

schematool -dbType mysql -initSchema