# Hive安装手册

## yum源配置

在此不在描述：可参照Hadoop机群部署配置手册第一大项中的第7小项。

## **安装Hive**

|  |
| --- |
| yum install -y hive-\* |

## **安装配置mysql元数据库**

（1）安装和启动mysql数据库

$ sudo yum install mysql-server

（2）启动mysql数据库

$ sudo service mysqld start

1. 配置mysql数据库和连接

$ sudo yum install mysql-connector-java

$ ln -s /usr/share/java/mysql-connector-java.jar /usr/lib/hive/lib/mysql-connector-java.jar

1. 设置mysql的root密码

$ sudo /usr/bin/mysql\_secure\_installation

[...]

Enter current password for root (enter for none):

OK, successfully used password, moving on...

[...]

Set root password? [Y/n] y

New password:

Re-enter new password:

Remove anonymous users? [Y/n] Y

[...]

Disallow root login remotely? [Y/n] N

[...]

Remove test database and access to it [Y/n] Y

[...]

Reload privilege tables now? [Y/n] Y

All done!

1. 创建数据和用户

$ mysql -u root -p

Enter password:

mysql> CREATE DATABASE metastore;

mysql> USE metastore;

mysql> SOURCE /usr/lib/hive/scripts/metastore/upgrade/mysql/hive-schema-n.n.n.mysql.sql;

mysql> CREATE USER 'hive'@'hadoop1' IDENTIFIED BY 'cloudera';

...

mysql> REVOKE ALL PRIVILEGES, GRANT OPTION FROM 'hive'@'hadoop1';

mysql> GRANT ALL PRIVILEGES ON metastore.\* TO 'hive'@'hadoop1';

mysql> FLUSH PRIVILEGES;

mysql> quit;

## **配置hive metastore service与mysql通信**

在/usr/lib/hive/conf/hive-site.xml文件中配置以下参数

<property>

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

<value>jdbc:mysql://hadoop1/metastore</value>

<description>the URL of the MySQL database</description>

</property>

<property>

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

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

</property>

<property>

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

<value>hive</value>

</property>

<property>

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

<value>cloudera</value>

</property>

<property>

<name>datanucleus.autoCreateSchema</name>

<value>false</value>

</property>

<property>

<name>datanucleus.fixedDatastore</name>

<value>true</value>

</property>

<property>

<name>datanucleus.autoStartMechanism</name>

<value>SchemaTable</value>

</property>

<property>

<name>hive.metastore.uris</name>

<value>thrift://hadoop1:9083</value>

<description>IP address (or fully-qualified domain name) and port of the metastore host</description>

</property>

<property>

<name>hive.metastore.schema.verification</name>

<value>true</value>

</property>

## **配置hive-server2**

<property>

<name>hive.server2.thrift.port</name>

<value>10001</value>

<description>TCP port number to listen on, default 10000</description>

</property>

## **重启metastore和server2服务**

|  |
| --- |
| service hive-metastore restart  service hive-server2 restart |