

Nut 开发环境搭建

虚拟机下 hadoop0.20.2+zkookeeper3.3.1+hbase0.20.6 开发环境的搭建

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一、安装

- 1、安装虚拟机 vmware6.5.2
- 2、在虚拟机下安装 Linux Fedora14
- 3、安装 jdk jdk-6u22-linux-i586.bin 安装路径为: /home/nianzai/jdk1.6.0_22
- 4、安装 hadoop hadoop-0.20.2.tar.gz 安装路径为: /home/nianzai/hadoop-0.20.2
- 5、安装 zookeeper zookeeper-3.3.1.tar.gz 安装路径为: /home/nianzai/zookeeper-3.3.1
- 6、安装 hbase hbase-0.20.6.tar.gz 安装路径为: /home/nianzai/hbase-0.20.6

二、配置

- 1、Linux 配置

```
ssh-keygen -t rsa -P ""
```

```
cd .ssh
```

```
cp id_rsa.pub authorized_keys
```

/etc/hosts 里增加 192.168.195.128 nz 并且将 127.0.0.1 改为 192.168.195.128

- 2、hadoop 配置

```
hadoop-env.sh
```

```
JAVA_HOME=/home/nianzai/jdk1.6.0_22
```

```
core-site.xml
```

```
<configuration>
```

```
<property>
```

```
<name>hadoop.tmp.dir</name>
```

```
<value>/tmp/hadoop-nianzai</value>
```

```
</property>
```

```
<property>
```

```
<name>fs.default.name</name>
```

```
<value>hdfs://nz:9000</value>
```

```
</property>
```

```
</configuration>
```

```
hdfs-site.xml
```

```
<configuration>
```

```
<property>
```

```
<name>dfs.replication</name>
```

```
<value>1</value>
```

```
</property>
```

```
</configuration>
```

```
mapred-site.xml
```

```
<configuration>
```

```
<property>
<name>mapred.job.tracker</name>
<value>nz:9001</value>
</property>
</configuration>
```

```
sh hadoop namenode -format
sh start-all.sh
sh hadoop fs -mkdir input
```

3、zookeeper 配置

```
zoo.cfg
tickTime=2000
initLimit=10
syncLimit=5
dataDir=/home/nianzai/zkdata
clientPort=2181
```

```
sh zkServer.sh start
```

4、hbase 配置

```
hbase-env.sh
export JAVA_HOME=/home/nianzai/jdk1.6.0_22
export HBASE_MANAGES_ZK=false
```

```
hbase-site.xml
<configuration>
<property>
  <name>hbase.rootdir</name>
  <value>hdfs://nz:9000/hbase</value>
</property>
<property>
  <name>hbase.cluster.distributed</name>
  <value>true</value>
</property>
<property>
  <name>hbase.master.port</name>
  <value>60000</value>
</property>
<property>
  <name>hbase.zookeeper.quorum</name>
  <value>nz</value>
</property>
</configuration>
```

regionservers

nz

sh start-hbase.sh