

## 环境搭建

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## 一、 配置主机

1. 配置 hosts 文件  
vi /etc/hosts  
添加以下内容并保存：（删除有 localhost 的行）  
192.168.114.135 master

注：搭建伪分布式只需设置一个

## 二、 关闭防火墙

1. 执行命令: service iptables stop  
验证: service iptables status

## 三、 安装 ssh, Xshell, FileZilla

1. 安装 ssh  
安装 ssh: apt-get install openssh-server  
启动 ssh: /etc/init.d/ssh start  
检测 SSH 进程是否已经开启: ps -e| grep sshd
2. 查看服务器 ip: ifconfig
3. 安装使用 Xshell  
打开 Xshell——新建会话  
输入用户名和密码, 连接成功  
打开 filezilla 新建站点并连接  
上传所需安装包

## 四、 JDK 安装

(安装包放在/home/lxy/software 下, 软件放在/home/lxy/install 下)

1. 解压 jdk:  
sudo tar -zxvf jdk-8u251-linux-x64.tar.gz -C ../install  
sudo mv jdk-8u251 jdk
2. 配置环境变量: sudo vi /etc/profile
3. 添加以下内容并保存  
export JAVA\_HOME=/home/lxy/install/jdk

```
export JRE_HOME=$JAVA_HOME/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin
```

```
done
unset i
fi

export JAVA_HOME=/home/lxy/install/jdk
export JRE_HOME=$JAVA_HOME/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin
```

4. 使环境配置生效: source /etc/profile
5. 查看是否配置成功: java -version

```
lxy@master:~/install/jdk$ java -version
java version "1.8.0_251"
Java(TM) SE Runtime Environment (build 1.8.0_251-b08)
Java HotSpot(TM) 64-Bit Server VM (build 25.251-b08, mixed mode)
```

## 五、 ssh 免密登录

1. 设置免密登录: ssh-keygen -t rsa (一直回车即可)
2. 导入 authorized\_keys: cat ~/.ssh/id\_rsa.pub >> ~/.ssh/authorized\_keys
3. 检测: ssh localhost

## 六、 搭建伪分布式 Hadoop

1. 配置 Hadoop 环境
  - 1) 解压:

```
tar -zxvf hadoop-2.7.7.tar.gz -C ../install
sudo mv hadoop-2.7.7 hadoop
```
  - 2) 配置环境: vi /etc/profile 增加内容如下:

```
export HADOOP_HOME=/home/lxy/install/hadoop
export PATH=.:$HADOOP_HOME/bin:$HADOOP_HOME/sbin:$PATH
```

```
fi
done
unset i
fi

export JAVA_HOME=/home/lxy/install/jdk
export JRE_HOME=$JAVA_HOME/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin

export HADOOP_HOME=/home/lxy/install/hadoop
export PATH=.:$HADOOP_HOME/bin:$HADOOP_HOME/sbin:$PATH
```

- 3) 使配置生效: source /etc/profile

#### 4) 验证: hadoop

```
lxy@master:~/install$ hadoop
Usage: hadoop [--config confdir] [COMMAND | CLASSNAME]
CLASSNAME          run the class named CLASSNAME
or
where COMMAND is one of:
fs                  run a generic filesystem user client
version            print the version
jar <jar>           run a jar file
note: please use "yarn jar" to launch
                   YARN applications, not this command.
checknative [-a|-h] check native hadoop and compression libraries availability
distcp <srcurl> <desturl> copy file or directories recursively
archive -archiveName NAME -p <parent path> <src>* <dest> create a hadoop archive
classpath           prints the class path needed to get the
credential          interact with credential providers
Hadoop jar and the required libraries
daemonlog           get/set the log level for each daemon
trace              view and modify Hadoop tracing settings
```

## 2. 修改 conf 目录下的配置文件 hadoop-env.sh、core-site.xml、hdfs-site.xml、mapred-site.xml

### 1) 进入文件目录

```
lxy@master:~/install$ cd hadoop/
lxy@master:~/install/hadoop$ ls
bin  etc  include  lib  libexec  LICENSE.txt  NOTICE.txt  README.txt  sbin  share
lxy@master:~/install/hadoop$ cd etc/hadoop/
lxy@master:~/install/hadoop/etc/hadoop$ ls
capacity-scheduler.xml  httpfs-env.sh  mapred-env.sh
configuration.xml       httpfs-log4j.properties  mapred-queues.xml.template
container-executor.cfg  httpfs-signature.secret  mapred-site.xml.template
core-site.xml           httpfs-site.xml  slaves
hadoop-env.cmd          kms-acls.xml     ssl-client.xml.example
hadoop-env.sh           kms-env.sh       ssl-server.xml.example
hadoop-metrics2.properties  kms-log4j.properties  yarn-env.cmd
hadoop-metrics.properties  kms-site.xml       yarn-env.sh
hadoop-policy.xml        log4j.properties   yarn-site.xml
hdfs-site.xml            mapred-env.cmd
```

### 2) sudo vi hadoop-env.sh

export JAVA\_HOME=/home/lxy/install/jdk

```
# The java implementation to use.
export JAVA_HOME=/home/lxy/install/jdk
```

### 3) sudo vi core-site.xml (黄色强调部分改为自己主机名)

```
<property>
  <name>fs.defaultFS</name>
  <value>hdfs://master:8020</value>
```

<!--value 填的是默认文件系统的 URL 地址, 格式是 "hdfs://host:port", host 为 ip 或者主机名, port 默认为 8020-->

```
</property>
<property>
  <name>hadoop.tmp.dir</name>
  <value>/home/lxy/install/hadoop/tmp</value>
  <!--sda-->
```

```
</property>
```

<!--如果需要用到 spark 的话, 需要在 core-site.xml 中加入如下:【否则会出错】-->

```
<property>
  <name>hadoop.proxyuser.root.hosts</name>
  <value>*</value>
```

```

</property>
<property>
    <name>hadoop.proxyuser.root.groups</name>
    <value>*</value>
</property>

```

```

<configuration>

<property>
    <name>fs.defaultFS</name>
    <value>hdfs://master:8020</value>
    <!--value填的是默认文件系统的URL地址，格式是“hdfs://host:port”，host为ip或者主机名，port默认为8020-->
</property>
<property>
    <name>hadoop.tmp.dir</name>
    <value>/home/lxy/install/hadoop/tmp</value>
    <!--sda-->
</property>
<!--如果需要用到spark的话，需要在core-site.xml中加入如下：【否则会出错】-->
<property>
    <name>hadoop.proxyuser.root.hosts</name>
    <value>*</value>
</property>
<property>
    <name>hadoop.proxyuser.root.groups</name>
    <value>*</value>
</property>
</configuration>

```

hadoop 目录下创建 777 权限 tmp: mkdir -m 777 tmp

4) sudo vi hdfs-site.xml

```

<configuration>
    <property>
        <name>dfs.replication</name>
        <value>1</value>
        <!--默认为 3，搭建伪分布式时只有一个节点、改为 1 即可
-->
    </property>
</configuration>

```

```

<configuration>

<property>
    <name>dfs.replication</name>
    <value>1</value>
    <!--默认为3，搭建伪分布式时只有一个节点、改为1即可-->
</property>

</configuration>

```

```

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limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->

<configuration>
<property>
    <name>dfs.namenode.http-address</name>
    <value>master:50070</value>
</property>
<property>
    <name>dfs.namenode.secondary.http-address</name>
    <value>master:50090</value>
</property>
<property>
    <name>dfs.replication</name>
    <value>1</value>
</property>
<property>
    <name>dfs.permissions</name>
    <value>false</value>
</property>
<property>
    <name>dfs.namenode.name.dir</name>
    <value>/usr/local/hadoop/name</value>
</property>
<property>
    <name>dfs.datanode.data.dir</name>
    <value>/usr/local/hadoop/data</value>
</property>
</configuration>

```

5) 先: cp mapred-site.xml.template mapred-site.xml

再: sudo vi mapred-site.xml

```
<configuration>
```

```
<property>
```

```
<name>mapreduce.framework.name</name>
```

```
<value>yarn</value>
```

```
<!--value 默认为 local， 设置为 yarn 使其运行在 YARN 框
```

```
架上-->
```

```
</property>
```

```
</configuration>
```

```

<configuration>

  <property>
    <name>mapreduce.framework.name</name>
    <value>yarn</value>
    <!--value默认为local， 设置为yarn使其运行在YARN框架上-->
  </property>

</configuration>
~

```

6) sudo vi yarn-site.xml

```
<configuration>
```

```
<property>
```

```
<name>yarn.resourcemanager.hostname</name>
```

```
<value>master</value>
```

```
<!--设置资源管理器的主机， 设置为主机名或者 IP-->
```

```
</property>
```

```

    <property>
      <name>yarn.nodemanager.aux-services</name>
      <value>mapreduce_shuffle</value>
      <!-- 设置节点管理器的辅助服务器，默认为空，设置为
mapreduce_shuffle-->
    </property>
  </configuration>

```

```

<configuration>

  <property>
    <name>yarn.resourcemanager.hostname</name>
    <value>master</value>
    <!-- 设置资源管理器的主机，设置为主机名或者IP-->
  </property>
  <property>
    <name>yarn.nodemanager.aux-services</name>
    <value>mapreduce_shuffle</value>
    <!-- 设置节点管理器的辅助服务器，默认为空，设置为mapreduce_shuffle-->
  </property>

</configuration>

```

```

hdfs-site.xml      mapred-env.conf
lxy1@master:~/hadoop/hadoop-2.7.7/etc/hadoop$ vim /core-site.xml
lxy1@master:~/hadoop/hadoop-2.7.7/etc/hadoop$ sudo vim /core-site.xml
[sudo] password for lxy1:
lxy1@master:~/hadoop/hadoop-2.7.7/etc/hadoop$ sudo vim /hdfs-site.xml
lxy1@master:~/hadoop/hadoop-2.7.7/etc/hadoop$ sudo vim /mapred-site.xml
lxy1@master:~/hadoop/hadoop-2.7.7/etc/hadoop$ sudo vim /yarn-site.xml

```

3. 初始化: `hadoop namenode -format`
4. 启动: `start-all.sh`
5. 查看: `jps`

```

lxy@master:~/install/hadoop$ jps
4049 DataNode
4241 SecondaryNameNode
3894 NameNode
4843 Jps
4397 ResourceManager
4702 NodeManager

```

## 七、 安装 Scala

1. 使用管理员权限解压 scala
 

```
sudo tar -zxvf scala-2.11.8.tgz -C ../install
```

 在 install 目录:
 

```
sudo mv scala-2.11.8 scala
```
2. 配置环境变量
 

```
vi /etc/profile
```

 添加以下内容并保存:
 

```
export SCALA_HOME=/home/lxy/install/scala
export PATH=$PATH:$SCALA_HOME/bin
```



3. 使配置生效&查验，如下：

```
source /etc/profile
```

```
lxy@master:~/install$ sudo vi /etc/profile
lxy@master:~/install$ source /etc/profile
lxy@master:~/install$ scala -version
Scala code runner version 2.11.8 -- Copyright 2002-2016, LAMP/EPFL
lxy@master:~/install$ ^C
lxy@master:~/install$
```

## 八、 安装 Zookeeper

1. 解压 zookeeper:  

```
sudo tar -zxvf zookeeper-3.4.14.tar.gz -C ../install
```

```
sudo mv zookeeper-3.4.14 zookeeper
```
2. 创建用于存储数据和日志的文件夹  

```
cd /home/lxy/install/zookeeper
```

```
sudo mkdir -m 777 zkData
```
3. 创建配置文件

```
export JAVA_HOME=/home/lxy/install/jdk
export JRE_HOME=$JAVA_HOME/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin

export HADOOP_HOME=/home/lxy/install/hadoop
export PATH=.:$HADOOP_HOME/bin:$HADOOP_HOME/sbin:$PATH

export ZOOKEEPER_HOME=/home/lxy/install/zookeeper
export PATH=$PATH:$ZOOKEEPER_HOME/bin
export ZOO_LOG_DIR=/home/lxy/install/zookeeper/log

export HBASE_HOME=/home/lxy/install/hbase
export PATH=$PATH:$HBASE_HOME/bin

export SCALA_HOME=/home/lxy/install/scala
export PATH=$PATH:$SCALA_HOME/bin

export SPARK_HOME=/home/lxy/install/spark
export PATH=$PATH:$SPARK_HOME/bin:$SPARK_HOME/sbin
```

```
cd conf
```

```
sudo mv zoo_sample.cfg zoo.cfg
```

```
sudo vi zoo.cfg
```

```
dataDir=/home/lxy/install/zookeeper/zkData
```

```
# the directory where the snapshot is stored.
# do not use /tmp for storage, /tmp here is just
# example sakes.
dataDir=/home/lxy/install/zookeeper/zkData
# the port at which the clients will connect
clientPort=2181
```

4. 环境变量配置

```
export ZOOKEEPER_HOME=/home/lxy/install/zookeeper
```



```
export PATH=$PATH:$ZOOKEEPER_HOME/bin
export ZOO_LOG_DIR=/home/lxy/install/zookeeper/log
```

```
export JAVA_HOME=/home/lxy/install/jdk
export JRE_HOME=$JAVA_HOME/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin

export HADOOP_HOME=/home/lxy/install/hadoop
export PATH=.:$HADOOP_HOME/bin:$HADOOP_HOME/sbin:$PATH

export ZOOKEEPER_HOME=/home/lxy/install/zookeeper
export PATH=$PATH:$ZOOKEEPER_HOME/bin
export ZOO_LOG_DIR=/home/lxy/install/zookeeper/log

export HBASE_HOME=/home/lxy/install/hbase
export PATH=$PATH:$HBASE_HOME/bin

export SCALA_HOME=/home/lxy/install/scala
export PATH=$PATH:$SCALA_HOME/bin

export SPARK_HOME=/home/lxy/install/spark
export PATH=$PATH:$SPARK_HOME/bin:$SPARK_HOME/sbin
```

5. 启动 zookeeper: (摘自尚硅谷文档)

(1) 启动 Zookeeper

```
6. [atguigu@hadoop102 zookeeper-3.4.10]$ bin/zkServer.sh start
```

(2) 查看进程是否启动

```
7. [atguigu@hadoop102 zookeeper-3.4.10]$ jps
```

```
8. 4020 Jps
```

```
9. 4001 QuorumPeerMain
```

(3) 查看状态:

```
10. [atguigu@hadoop102 zookeeper-3.4.10]$ bin/zkServer.sh
    status
```

```
11. ZooKeeper JMX enabled by default
```

```
12. Using config:
    /opt/module/zookeeper-3.4.10/bin/../conf/zoo.cfg
```

```
13. Mode: standalone
```

(4) 启动客户端:

```
14. [atguigu@hadoop102 zookeeper-3.4.10]$ bin/zkCli.sh
```

(5) 退出客户端:

```
15. [zk: localhost:2181(CONNECTED) 0] quit
```

(6) 停止 Zookeeper

```
16. [atguigu@hadoop102 zookeeper-3.4.10]$ bin/zkServer.sh
    stop
```

```

g session
2020-06-17 17:21:39,891 [myid:] - INFO [main-SendThread(localhost:2181):ClientCnxr
Thread@1299] - Session establishment complete on server localhost/0:0:0:0:0:0:1:2
sessionid = 0x10000ac1c430000, negotiated timeout = 30000
[zk: localhost:2181(CONNECTED) 0]
WATCHER::

WatchedEvent state:SyncConnected type:None path:null

[zk: localhost:2181(CONNECTED) 0] ls /
[zookeeper]
[zk: localhost:2181(CONNECTED) 1] █

```

## 九、 安装 Hbase

1. 解压  
`sudo tar -zxvf hbase-1.3.6-bin.tar.gz -C ../install`  
`mv hbase-1.3.6 hbas`
2. `sudo vi hbase-env.sh`  
`export JAVA_HOME=/home/lxy/install/jdk`  
`export HBASE_PID_DIR=/home/lxy/install/hbase/pids`  
`export HBASE_MANAGES_ZK=false`
3. `sudo vi hbase-site.xml`  
`<configuration>`

```

<property>
    <name>hbase.rootdir</name>
    <value>hdfs://master:9000/hbase</value>
</property>
<property>
    <name>hbase.cluster.distributed</name>
    <value>true</value>
</property>
<!-- 0.98 后的新变动，之前版本没有.port,默认端口为 60000 -->
<property>
    <name>hbase.master.port</name>
    <value>16000</value>
</property>
<property>
    <name>hbase.zookeeper.quorum</name>
    <value>master:2181</value>
</property>
<property>
    <name>hbase.zookeeper.property.dataDir</name>
    <value>/home/lxy/install/zookeeper/zkData</value>
</property></configuration>

```

```

<configuration>
<property>
  <name>hbase.rootdir</name>
  <value>hdfs://master:9000/hbase</value>
</property>
<property>
  <name>hbase.cluster.distributed</name>
  <value>true</value>
</property>
<!-- 0.98后的新变动，之前版本没有.port，默认端口为60000 -->
<property>
  <name>hbase.master.port</name>
  <value>16000</value>
</property>
<property>
  <name>hbase.zookeeper.quorum</name>
  <value>master:2181</value>
</property>
<property>
  <name>hbase.zookeeper.property.dataDir</name>
  <value>/home/lxy/install/zookeeper/zkData</value>
</property>
</configuration>

```

4. sudo vi regionservers

master

```

lxy@master:~/install/hbase/conf$ sudo vi regionservers
[sudo] password for lxy:
master

```

5. 将 hadoop 的配置文件 core-site.xml 复制到 hbase 的配置文件目录中  
cp /home/lxy/install/hadoop/etc/hadoop/core-site.xml conf/
6. 配置环境  
export HBASE\_HOME=/home/lxy/install/hbase  
export PATH=\$PATH:\$HBASE\_HOME/bin

```

export JAVA_HOME=/home/lxy/install/jdk
export JRE_HOME=$JAVA_HOME/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin

export HADOOP_HOME=/home/lxy/install/hadoop
export PATH=.:$HADOOP_HOME/bin:$HADOOP_HOME/sbin:$PATH

export ZOOKEEPER_HOME=/home/lxy/install/zookeeper
export PATH=$PATH:$ZOOKEEPER_HOME/bin
export ZOO_LOG_DIR=/home/lxy/install/zookeeper/log

export HBASE_HOME=/home/lxy/install/hbase
export PATH=$PATH:$HBASE_HOME/bin

export SCALA_HOME=/home/lxy/install/scala
export PATH=$PATH:$SCALA_HOME/bin

export SPARK_HOME=/home/lxy/install/spark
export PATH=$PATH:$SPARK_HOME/bin:$SPARK_HOME/sbin

```

## 十、 安装 spark

### 1. 解压 spark

```
tar -xzf spark-2.2.0-bin-hadoop2.7.tgz -C ../install
```

### 2. 改名

```
mv spark-2.2.0-bin-hadoop2.7/ spark
```

### 3. 配置文件

进入到 spark 的配置目录下（conf）

修改 slaves.template、spark-env.sh.template、spark-defaults.conf.template 等文件的文件名

```
mv slaves.template slaves
```

```
mv spark-env.sh.template spark-env.sh
```

```
mv spark-defaults.conf.template spark-defaults.conf
```

```

lxy@master:~/install/spark/conf$ ll
total 40
drwxr-xr-x  2 lxy lxy 4096 Jun 24 15:13 ./
drwxr-xr-x 12 lxy lxy 4096 Jul  1 2017 ../
-rw-r--r--  1 lxy lxy  996 Jul  1 2017 docker.properties.template
-rw-r--r--  1 lxy lxy 1105 Jul  1 2017 fairscheduler.xml.template
-rw-r--r--  1 lxy lxy 2025 Jul  1 2017 log4j.properties.template
-rw-r--r--  1 lxy lxy 7313 Jul  1 2017 metrics.properties.template
-rw-r--r--  1 lxy lxy  865 Jul  1 2017 slaves
-rw-r--r--  1 lxy lxy 1292 Jul  1 2017 spark-defaults.conf
-rwxr-xr-x  1 lxy lxy 3699 Jul  1 2017 spark-env.sh*

```

### 4. 修改 spark-env.sh 文件

```
vi spark-env.sh
```

添加一下内容并保存

```
export JAVA_HOME=/home/lxy/install/jdk
```

```
export SCALA_HOME=/home/lxy/install/scala
```

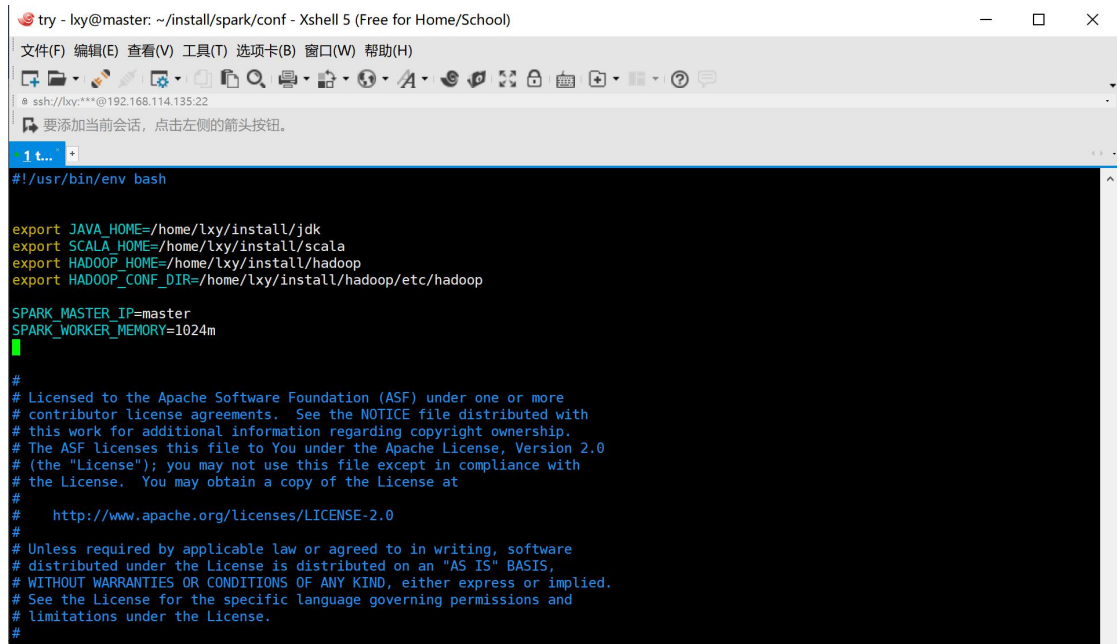
```
export HADOOP_HOME=/home/lxy/install/hadoop
```

```
export HADOOP_CONF_DIR=/home/lxy/install/hadoop/etc/Hadoop
```

SPARK\_MASTER\_IP=master

SPARK\_WORKER\_MEMORY=1024m

...



The screenshot shows a terminal window titled "try - lxy@master: ~/install/spark/conf - Xshell 5 (Free for Home/School)". The terminal displays the following commands and output:

```
#!/usr/bin/env bash

export JAVA_HOME=/home/lxy/install/jdk
export SCALA_HOME=/home/lxy/install/scala
export HADOOP_HOME=/home/lxy/install/hadoop
export HADOOP_CONF_DIR=/home/lxy/install/hadoop/etc/hadoop

SPARK_MASTER_IP=master
SPARK_WORKER_MEMORY=1024m

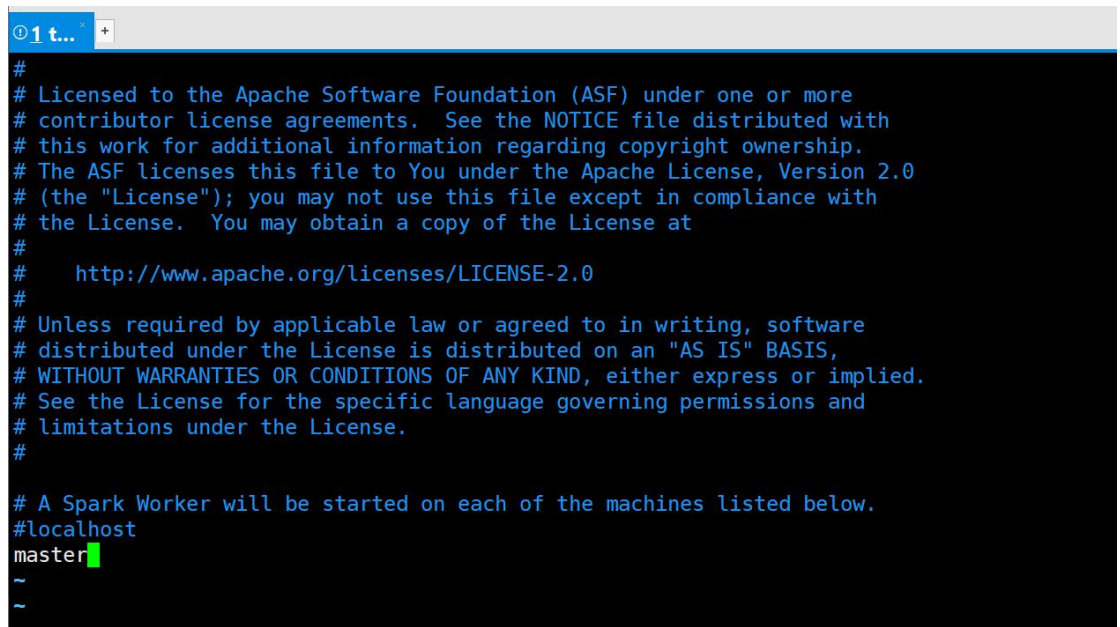
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# this work for additional information regarding copyright ownership.
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#
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# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
# See the License for the specific language governing permissions and
# limitations under the License.
```

##### 5. 修改 slaves 文件

vi slaves

添加以下内容

master



The screenshot shows a terminal window with the following content:

```
#
# Licensed to the Apache Software Foundation (ASF) under one or more
# contributor license agreements. See the NOTICE file distributed with
# this work for additional information regarding copyright ownership.
# The ASF licenses this file to You under the Apache License, Version 2.0
# (the "License"); you may not use this file except in compliance with
# the License. You may obtain a copy of the License at
#
# http://www.apache.org/licenses/LICENSE-2.0
#
# Unless required by applicable law or agreed to in writing, software
# distributed under the License is distributed on an "AS IS" BASIS,
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
# See the License for the specific language governing permissions and
# limitations under the License.
#
# A Spark Worker will be started on each of the machines listed below.
#localhost
master
~
~
~
```

##### 6. 配置环境变量

vi /etc/profile

添加以下内容



```
export SPARK_HOME=/home/lxy/install/spark
export PATH=$PATH:$SPARK_HOME/bin
```

```
export JAVA_HOME=/home/lxy/install/jdk
export JRE_HOME=$JAVA_HOME/jre
export CLASSPATH=.:$JAVA_HOME/lib:$JRE_HOME/lib
export PATH=$PATH:$JAVA_HOME/bin:$JRE_HOME/bin

export HADOOP_HOME=/home/lxy/install/hadoop
export PATH=.:$HADOOP_HOME/bin:$HADOOP_HOME/sbin:$PATH

export ZOOKEEPER_HOME=/home/lxy/install/zookeeper
export PATH=$PATH:$ZOOKEEPER_HOME/bin
export ZOO_LOG_DIR=/home/lxy/install/zookeeper/log

export HBASE_HOME=/home/lxy/install/hbase
export PATH=$PATH:$HBASE_HOME/bin

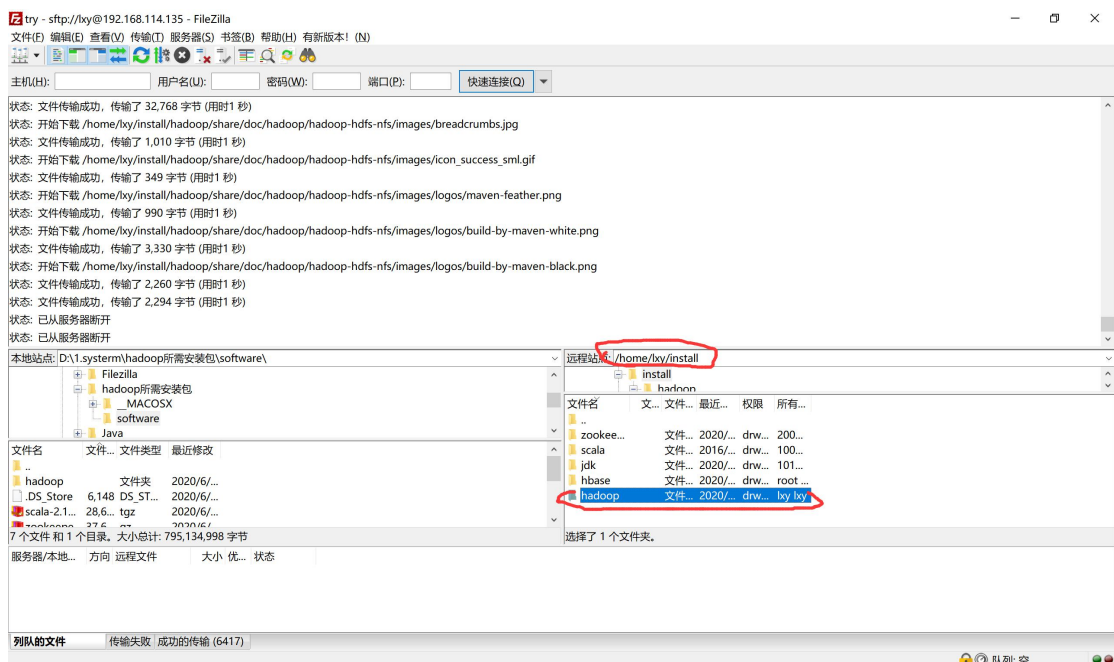
export SCALA_HOME=/home/lxy/install/scala
export PATH=$PATH:$SCALA_HOME/bin

export SPARK_HOME=/home/lxy/install/spark
export PATH=$PATH:$SPARK_HOME/bin
```

7. 使环境配置生效  
source /etc/profile

## 十一、配置本机环境

1. Java 环境&下载安装 eclipse
2. Hadoop 环境, 注: 从 Linux 系统 down 的 Hadoop 包 bin 文件夹中缺少一些文件, 可从网上下载



电脑 > Data (D:) > 1.system > hadoop

名称	修改日期	类型	大小
bin	2020/6/18 10:40	文件夹	
etc	2020/6/18 10:40	文件夹	
include	2020/6/18 10:40	文件夹	
lib	2020/6/18 10:40	文件夹	
libexec	2020/6/18 10:40	文件夹	
logs	2020/6/18 10:40	文件夹	
sbin	2020/6/18 10:40	文件夹	
share	2020/6/18 10:40	文件夹	
tmp	2020/6/18 10:40	文件夹	
LICENSE	2020/6/18 10:40	文本文档	85 KB
NOTICE	2020/6/18 10:40	文本文档	15 KB
README	2020/6/18 10:40	文本文档	2 KB

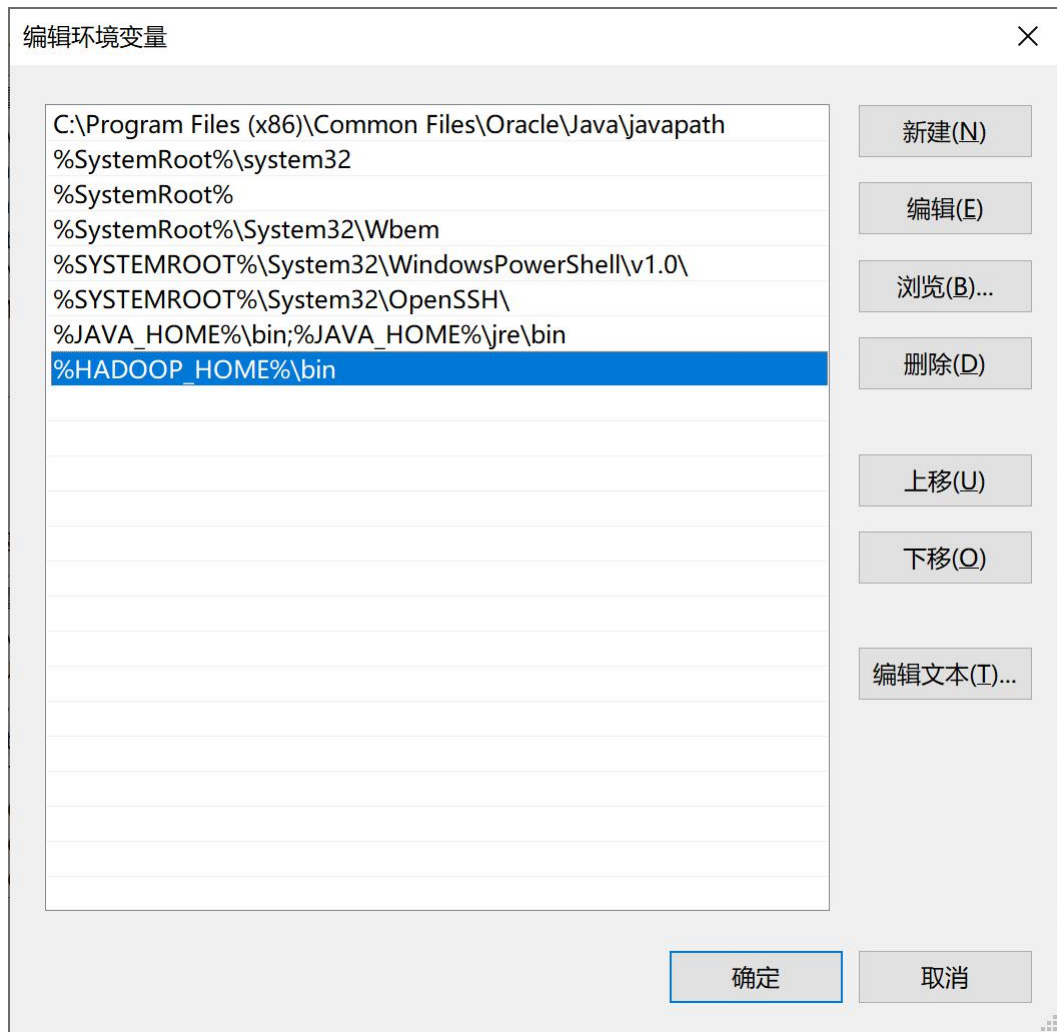
编辑系统变量

变量名(N): HADOOP\_HOME

变量值(V): D:\1.system\hadoop

浏览目录(D)... 浏览文件(F)... 确定 取消





3. 修改本机 hosts（本地运行 eclipse 必要操作）

## 文件资源

所有安装包和尚硅谷大数据文档

链接：[HTTPS://PAN.BAIDU.COM/S/1G-Jt2MDYGApxN8kwGLYETQ](https://pan.baidu.com/s/1G-Jt2MDYGApxN8kwGLYETQ)

提取码：H3NI

## 参考文献：

1. ubuntu16+Hadoop2.7.3 环境搭建（伪分布式）  
原文链接：[https://blog.csdn.net/sinat\\_34022298/article/details/72621887](https://blog.csdn.net/sinat_34022298/article/details/72621887)
2. Ubuntu16.04 Xshell 远程控制、Filezilla 远程传输文件  
原文链接：[https://blog.csdn.net/weixin\\_43789195/article/details/106126816](https://blog.csdn.net/weixin_43789195/article/details/106126816)
3. Ubuntu16.04 安装 Hadoop 单机和伪分布式环境超详细  
原文链接：<https://blog.csdn.net/kh896424665/article/details/78765175>
4. Ubuntu16.04 下搭建 Hadoop2.7.4 单机伪分布式环境  
原文链接：<https://www.jianshu.com/p/e4c709cf8daa/>
5. Cenos7 下 hadoop2.7.7 伪分布式模式安装  
原文链接：<https://www.cnblogs.com/chenuhai/p/12464201.html>
6. 尚硅谷视频
7. 各类文档