

系统：ubuntu18.04

软件包：

hadoop-3.1.1.tar.gz

jdk-8u191-linux-x64.tar.gz

主机：

192.168.111.203 master01

192.168.111.195 core01

192.168.111.196 core02

192.168.111.197 core03

- 以下操作， 每台机器都需要

1. 修改主机名

```
hostnamectl set-hostname master01
```

2. 添加hosts本地域名解析

```
vim /etc/hosts
192.168.111.203 master01
192.168.111.195 core01
192.168.111.196 core02
192.168.111.197 core03
```

3. 添加hadoop账户

```
useradd -m -s/bin/bash hadoop
echo "hadoop:hadoop" | chpasswd
```

4. 设置hadoop账户sudo权限

```
chmod 640 /etc/sudoers
echo "hadoop ALL=(ALL) NOPASSWD: ALL" >> /etc/sudoers
chmod 440 /etc/sudoers
```

5. 设置master无密码访问core

```
# 设置 ssh-key
master 创建SSH-rsa密钥对：
ssh-keygen #一直回车
ssh-copy-id master01
ssh-copy-id core01
ssh-copy-id core02
ssh-copy-id core03
```

6. 创建目录： /data/app

```
mkdir /data/app -p
chown -R hadoop:hadoop /data
```

7. 安装 lrzsz 工具

```
apt install lrzsz -y
```

8. 上传并解压 java 和 hadoop 包

```
cd /data/app
rz # hadoop-3.1.1.tar.gz
rz # jdk-8u191-linux-x64.tar.gz
tar -zxf hadoop-3.1.1.tar.gz
tar -zxf jdk-8u191-linux-x64.tar.gz
```

9. 添加环境变量

```
vim ~/.bashrc
JAVA_HOME="/data/app/jdk1.8.0_191"
HADOOP_HOME="/data/app/hadoop-3.1.1"
PATH=$PATH:$JAVA_HOME/bin:$HADOOP_HOME/bin:$HADOOP_HOME/sbin

source ~/.bashrc
```

10. 测试

```
java -version
hadoop version
```