

1. 查看防火墙状态:


sudo service iptables status

```
[kfk@bigdata-pro01 ~]$ sudo service iptables status
iptables: Firewall is not running.
```

2. 关闭防火墙:

sudo vi /etc/sysconfig/selinux

```
[kfk@bigdata-pro01 ~]$ sudo vi /etc/sysconfig/selinux
[kfk@bigdata-pro01 ~]$
```

 kfk@bigdata-pro01:~

```
# This file controls the state of SELinux on the system.
# SELINUX= can take one of these three values:
#     enforcing - SELinux security policy is enforced.
#     permissive - SELinux prints warnings instead of enforcing.
#     disabled - No SELinux policy is loaded.
SELINUX=disabled
# SELINUXTYPE= can take one of these two values:
#     targeted - Targeted processes are protected,
#     mls - Multi Level Security protection.
SELINUXTYPE=targeted
```

3. 打开或者关闭防火墙:

sudo service iptables start

sudo service iptables stop

```
[kfk@bigdata-pro01 ~]$ sudo service iptables start
iptables: Applying firewall rules: [ OK ]
[kfk@bigdata-pro01 ~]$ sudo service iptables stop
iptables: Flushing firewall rules: [ OK ]
iptables: Setting chains to policy ACCEPT: filter [ OK ]
iptables: Unloading modules: [ OK ]
[kfk@bigdata-pro01 ~]$
```

4. 卸载 linux 自带的 jdk:

sudo rpm -qa |grep java

sudo rpm -e --nodeps java-1.6.0-openjdk-1.6.0.0-1.50.1.11.5.el6_3.x86_64

tzdata-java-2012j-1.el6.noarch java-1.7.0-openjdk-1.7.0.9-2.3.4.1.el6_3.x86_64

```
[kfk@bigdata-pro01 ~]$ sudo rpm -qa |grep java
java-1.6.0-openjdk-1.6.0.0-1.50.1.11.5.el6_3.x86_64
tzdata-java-2012j-1.el6.noarch
java-1.7.0-openjdk-1.7.0.9-2.3.4.1.el6_3.x86_64
[kfk@bigdata-pro01 ~]$ ^C
[kfk@bigdata-pro01 ~]$ sudo rpm -e --nodeps java-1.6.0-openjdk-1.6.0.0-1.50.1.11.5.el6_3.x86_64 tzdata-java-2012j-1.el6.noarch java-1.7.0-openjdk-1.7.0.9-2.3.4.1.el6_3.x86_64
[kfk@bigdata-pro01 ~]$ sudo rpm -qa |grep java
[kfk@bigdata-pro01 ~]$
```

5. 在/opt/下创建 tools,datas,softwares,modules

cd /

sudo mkdir /opt/softwares

sudo mkdir /opt/modules

sudo mkdir /opt/tools

sudo mkdir /opt/datas

删除/opt/下的 rh 文件

sudo rm -rf ./rh

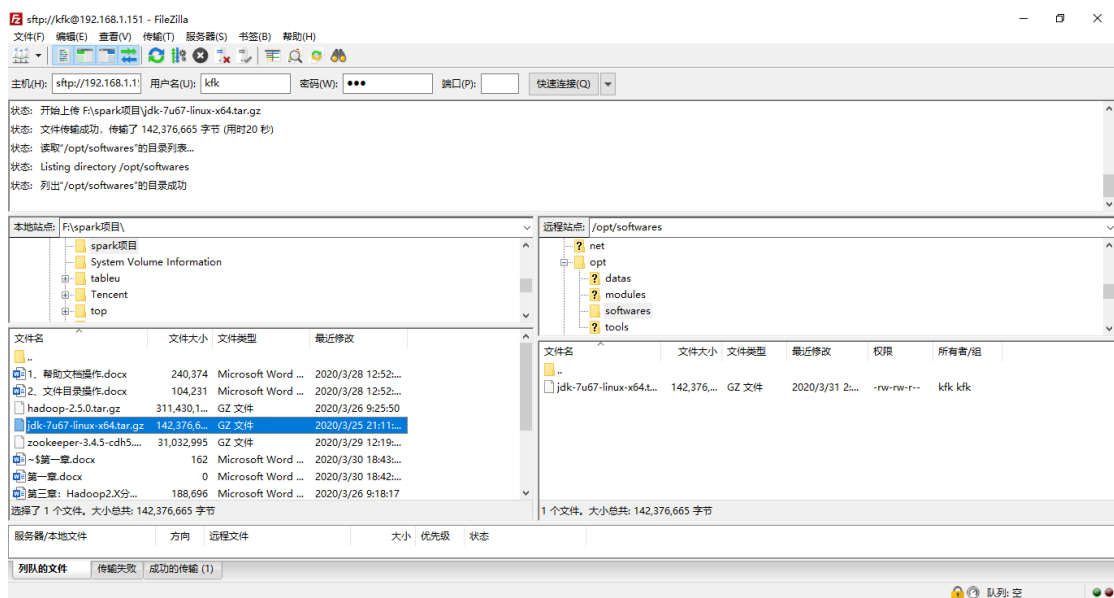
```
[kfk@bigdata-pro01 ~]$ cd /
[kfk@bigdata-pro01 /]$ ls
bin boot dev etc home lib lib64 lost+found media misc mnt net opt proc root sbin selinux srv sys usr var
[kfk@bigdata-pro01 /]$ cd opt/
[kfk@bigdata-pro01 opt]$ ls
rh
[kfk@bigdata-pro01 opt]$ cd ..
[kfk@bigdata-pro01 /]$ sudo mkdir /opt/software
[kfk@bigdata-pro01 /]$ cd /opt/
[kfk@bigdata-pro01 opt]$ ls
rh software
[kfk@bigdata-pro01 opt]$ sudo rm -rf ./rh
[kfk@bigdata-pro01 opt]$ ls
software
[kfk@bigdata-pro01 opt]$ ll
total 4
drwxr-xr-x 2 root root 4096 Mar 30 14:10 software
[kfk@bigdata-pro01 opt]$ sudo mkdir modules
[kfk@bigdata-pro01 opt]$ ll
total 8
drwxr-xr-x 2 root root 4096 Mar 30 14:11 modules
drwxr-xr-x 2 root root 4096 Mar 30 14:10 software
[kfk@bigdata-pro01 opt]$ sudo mkdir tools
[kfk@bigdata-pro01 opt]$ sudo mkdir datas
[kfk@bigdata-pro01 opt]$ ll
total 16
drwxr-xr-x 2 root root 4096 Mar 30 14:12 datas
drwxr-xr-x 2 root root 4096 Mar 30 14:11 modules
drwxr-xr-x 2 root root 4096 Mar 30 14:10 software
drwxr-xr-x 2 root root 4096 Mar 30 14:12 tools
```

- 将文件目录改为 kfk 目录:

`sudo chown -R kfk:kfk /opt/*`

```
[kfk@bigdata-pro01 opt]$ sudo chown -R kfk:kfk /opt/*
[kfk@bigdata-pro01 opt]$ ll
total 16
drwxr-xr-x 2 kfk kfk 4096 Mar 30 14:12 datas
drwxr-xr-x 2 kfk kfk 4096 Mar 30 14:11 modules
drwxr-xr-x 2 kfk kfk 4096 Mar 30 14:10 software
drwxr-xr-x 2 kfk kfk 4096 Mar 30 14:12 tools
[kfk@bigdata-pro01 opt]$
```

- 用 filezilla 传 jdk1.7 版本到/opt/software 目录下:



- 将 software 下所有文件改为可执行的:

`cd software/`

`chmod u+x /opt/software/*`

```
[kfk@bigdata-pro01 opt]$ cd softwares/
[kfk@bigdata-pro01 softwares]$ ll
total 139044
-rw-rw-r-- 1 kfk kfk 142376665 Mar 30 14:20 jdk-7u67-linux-x64.tar.gz
[kfk@bigdata-pro01 softwares]$ chmod u+x /opt/softwares/
[kfk@bigdata-pro01 softwares]$ ll
total 139044
-rw-rw-r-- 1 kfk kfk 142376665 Mar 30 14:20 jdk-7u67-linux-x64.tar.gz
[kfk@bigdata-pro01 softwares]$ chmod u+x /opt/softwares/*
[kfk@bigdata-pro01 softwares]$ ll
total 139044
-rwxrw-r-- 1 kfk kfk 142376665 Mar 30 14:20 jdk-7u67-linux-x64.tar.gz
[kfk@bigdata-pro01 softwares]$
```

9. 解压 jdk 到 modules 目录下:

```
tar -zxf jdk-7u67-linux-x64.tar.gz -C /opt/modules/
```

```
[kfk@bigdata-pro01 softwares]$ tar -zxf jdk-7u67-linux-x64.tar.gz -C /opt/modules/
[kfk@bigdata-pro01 softwares]$ cd ../modules/
[kfk@bigdata-pro01 modules]$ ll
total 4
drwxr-xr-x 8 kfk kfk 4096 Jul 25 2014 jdk1.7.0_67
[kfk@bigdata-pro01 modules]$
```

10. 配置 java 环境变量:

```
cd ~
```

```
sudo vi /etc/profile
```

```
source /etc/profile
```

```
#JAVA_HOME
```

```
export JAVA_HOME=/opt/modules/jdk1.7.0_67
```

```
export PATH=$PATH:$JAVA_HOME/bin
```

```
#JAVA_HOME

export JAVA_HOME=/opt/modules/jdk1.7.0_67
export PATH=$PATH:$JAVA_HOME/bin
:wq
```

查看是否生效:

```
Java -version
```

```
[kfk@bigdata-pro01 ~]$ java -version
java version "1.7.0_67"
Java(TM) SE Runtime Environment (build 1.7.0_67-b01)
Java HotSpot(TM) 64-Bit Server VM (build 24.65-b04, mixed mode)
[kfk@bigdata-pro01 ~]$
```

11. 开始克隆前先关闭虚拟机 1:

```
sudo halt
```

```
[kfk@bigdata-pro01 ~]$ sudo halt
[kfk@bigdata-pro01 ~]$
Broadcast message from kfk@bigdata-pro01.kfk.com
      (/dev/pts/0) at 14:36 ...

The system is going down for halt NOW!
```

记得快照哦~~~~~

12. 克隆

依次配置主机 2, 3 的网卡, 主机名, 防火墙

13.