

上一篇在make之后出了很多错误，原因是内核版本不匹配，今天我们把centos 7降为了centos 6,对应的内核版本就是kernel-2.6.32-220.23.1.el6.src.rpm。然后还是按照（二）的过程执行到 make，没有出错就成功了。接下来接着make之后继续执行。

接着上一篇的make成功之后

**第一步：**

```
make modules_install
```

```
make install
```

**第二步：配置grub.conf**

```
vi /boot/grub/grub.conf
```

```
default=0
```

**第三步：重启reboot**

```
Type `help' to learn how to use Xshell prompt.
[c:\~]$

Connecting to 10.2.1.234:22...
Connection established.
To escape to local shell, press 'Ctrl+Alt+J'.

WARNING! The remote SSH server rejected X11 forwarding request.
Last login: Thu Jul 18 16:17:49 2019 from 10.2.2.53
[root@localhost ~]# uname -r
2.6.32
```

<https://blog.csdn.net/WYH19951220>

## 四、打内核rpm包

1、安装kernel-2.6.32-220.23.1.el6.src.rpm

```
rpm -ivh /usr/local/src/kernel-2.6.32-220.23.1.el6.src.rpm
```

2、生成内核源码目录

```
rpmbuild -bp ~/rpmbuild/SPECS/kernel.spec
```

3、复制出一份内核源码目录

```
cd ~/rpmbuild/BUILD/kernel-2.6.32-220.23.1.el6/
```

```
cp -a linux-2.6.32-220.23.1.el6.x86_64/ linux-2.6.32-220.23.1.el6.x86_64_new
```

4、为内核打fullnat的patch

```
cd linux-2.6.32-220.23.1.el6.x86_64_new/
```

```
patch -p1 < /usr/local/src/lvs-fullnat-synproxy/lvs-2.6.32-220.23.1.el6.patch
```

```
cp .config ~/rpmbuild/SOURCES/config-x86_64-generic
```

5、删除原来内核源码目录中的.config文件。

```
cd ~/rpmbuild/BUILD/kernel-2.6.32-220.23.1.el6/linux-2.6.32-220.23.1.el6.x86_64
```

```
rm -rf .config
```

6、打自己的patch

```
cd ~/rpmbuild/BUILD/kernel-2.6.32-220.23.1.el6/
```

```
diff -uNr linux-2.6.32-220.23.1.el6.x86_64 linux-2.6.32-220.23.1.el6.x86_64_new/ >  
../../SOURCES/lvs-2.6.32-220.23.1.el6.patch
```

## 7、编辑kernel.spec

```
vi ~/rpmbuild/SPECS/kernel.spec
```

```
line: 9  打上个版本号
```

```
%define dist .e27
```

```
line: 22  打上个名称的标记
```

```
%define distro_build fnat.shanks
```

```
line: 605  标记下自己的patch
```

```
Patch999999: lvs-2.6.32-220.23.1.el6.patch
```

```
line: 915  让自己的patch生效
```

```
ApplyOptionalPatch lvs-2.6.32-220.23.1.el6.patch
```

## 8、打rpm

```
rpmbuild -bb --with baseonly --with firmware --without debuginfo --without kabichk --  
target=x86_64 /root/rpmbuild/SPECS/kernel.spec
```