编译openssh的rpm包并升级

**制作rpm包**

1. 创建两个目录SOURCES和SPECS

[mkdir](https://so.csdn.net/so/search?q=mkdir&spm=1001.2101.3001.7020" \t "/Users/zhouqiting/Documents\\x/_blank) -p /usr/src/redhat/{SOURCES,SPECS}

1. 将上面下载的openssh-9.0p1.tar.gz包上传到/usr/src/[redhat](https://so.csdn.net/so/search?q=redhat&spm=1001.2101.3001.7020" \t "/Users/zhouqiting/Documents\\x/_blank)/SOURCES/目录

cd /usr/src/[redhat](https://so.csdn.net/so/search?q=redhat&spm=1001.2101.3001.7020" \t "/Users/zhouqiting/Documents\\x/_blank)/SOURCES/

wget https://mirrors.aliyun.com/pub/OpenBSD/OpenSSH/portable/[openssh-9.0p1.tar.gz](https://mirrors.aliyun.com/pub/OpenBSD/OpenSSH/portable/openssh-9.0p1.tar.gz)

1. 解压出整包 从里面提取出 openssh.spec 该文件

tar xfz openssh-9.0p1.tar.gz openssh-9.0p1/contrib/redhat/openssh.spec

1. 移动解压出来的 openssh.spec 文件到 SPECS 目录

mv openssh-9.0p1/contrib/redhat/openssh.spec ../SPECS/

1. 执行chown ,修改文件所属主所属组

chown sshd:sshd /usr/src/redhat/SPECS/openssh.spec

1. 备份openssh.spec文件

cp /usr/src/redhat/SPECS/openssh.spec /usr/src/redhat/SPECS/openssh.spec\_def

1. 修改几个配置选项 【可选项】,关掉no\_gnome\_askpass no\_x11\_askpass这两个参数

sed -i -e "s/%define no\_gnome\_askpass 0/%define no\_gnome\_askpass 1/g" /usr/src/redhat/SPECS/openssh.spec

sed -i -e "s/%define no\_x11\_askpass 0/%define no\_x11\_askpass 1/g" /usr/src/redhat/SPECS/openssh.spec

1. 可以查看两个文件的不同之处（非必执行）

diff openssh.spec openssh.spec\_def

1. 创建预编译目录

mkdir -p ~/rpmbuild/SOURCES/

cp /usr/src/redhat/SOURCES/openssh-9.0p1.tar.gz ~/rpmbuild/SOURCES/

1. 安装依赖

yum install rpm-build gcc make wget openssl-devel krb5-devel pam-devel libX11-devel xmkmf libXt-devel

1. 执行编译

cd /usr/src/redhat/SPECS/

rpmbuild -ba openssh.spec

**开始升级openssh**

rpm -Uvh /root/rpmbuild/RPMS/x86\_64/\*.rpm --force --nodeps

1. 设置root用户可以远程连接

echo "PermitRootLogin yes" >> /etc/ssh/sshd\_config

1. 重启sshd服务

systemctl restart sshd

1. 一般会报错

Permissions 0640 for '/etc/ssh/ssh\_host\_rsa\_key' are too open.

1. 给ssh\_host\_rsa\_key设置600权限

chmod 600 /etc/ssh/ssh\_host\_rsa\_key

升级完后重启电脑之前记得进入selinux开机关闭防火墙

删除/etc/ssh/ssh\_host\_\* , 重启电脑，再连接看看。