# 1 安装

## 1.1 rpm安装（centos 7）

yum -y install make gcc openssl-devel autoconf automake rpm-build redhat-rpm-config

yum -y install python-devel openssl-devel kernel-devel kernel-debug-devel libtool wget

mkdir -p ~/rpmbuild/SOURCES

cd ~/rpmbuild/SOURCES

wget <http://openvswitch.org/releases/openvswitch-2.5.9.tar.gz>

tar -xzf openvswitch-2.5.9.tar.gz

sed 's/openvswitch-kmod, //g' openvswitch-2.5.9/rhel/openvswitch.spec > openvswitch-2.5.9/rhel/openvswitch\_no\_kmod.spec

rpmbuild -bb --nocheck openvswitch-2.5.9/rhel/openvswitch\_no\_kmod.spec

yum localinstall ~/rpmbuild/RPMS/x86\_64/openvswitch-2.5.9-1.x86\_64.rpm

systemctl start openvswitch.service

systemctl enable openvswitch.service

## 1.2 编译安装（centos 6.3[[1]](#footnote-1)）

# 禁用yum自动更新

echo "exclude=kernel\*" >> /etc/yum.conf

# 编译内核模块，需要与内核版本一致的内核源代码

cd /lib/modules/$(uname -r)

if [ ! -d build ]; then

ln -s /usr/src/kernels/$(uname -r) build

fi

cd /home

wget <http://openvswitch.org/releases/openvswitch-2.4.1.tar.gz>

tar -xzf openvswitch-2.4.1.tar.gz

cd openvswitch-2.4.1

./configure --with-linux=/lib/modules/$(uname -r)/build

make

make install

make modules\_install

# 注意：此处会提示报错sed: can't read /lib/modules/2.6.32-279.el6.x86\_64/build/include/generated/utsrelease.h: No such file or directory

mkdir -p /lib/modules/$(uname -r)/build/include/generated

cp /lib/modules/$(uname -r)/build/include/linux/utsrelease.h /lib/modules/$(uname -r)/build/include/generated/

# 加载内核模块

modprobe openvswitch

# 注意：此处会提示FATAL: Error inserting openvswitch (/lib/modules/2.6.32-279.el6.x86\_64/extra/openvswitch.ko): Invalid module format，原因是openvswitch模块与linux的bridge模块冲突，可先卸载掉bridge模块，再加载openvswitch

rmmod bridge

lsmod | grep openvswitch

mkdir -p /usr/local/etc/openvswitch

1. 注意：这个版本仅限于在centos6.3上安装成功，centos6.10测试安装失败。 [↑](#footnote-ref-1)