root@us14:~# vi /etc/network/interfaces

**auto** enp0s3

iface enp0s3 inet **static**

address 192.168.0.120

netmask 255.255.255.0

gateway 192.168.0.1

dns-nameservers 223.5.5.5 223.6.6.6

**auto** enp0s8

iface enp0s8 inet **manual**

**auto** enp0s9

iface enp0s9 inet **manual**

这之前需要安装pip，并配置pip源（root和stack）

mkdir /root/.pip

vi /root/.pip/pip.conf

[global]

index-url = <http://pypi.douban.com/simple/>

trusted-host = pypi.douban.com

* 准备devstack安装  
  ｃｌｏｎｅ　devstack代码

git clone http://git.trystack.cn/openstack-dev/devstack -b stable/pike

创建ｓｔａｃｋ用户

./devstack/tools/create-stack-user.sh

移动代码（同后续安装目标目录放在一起）

mv devstack /opt/stack

chown -R stack:stack /opt/stack/devstack

切换到 stack 用户

su - stack

cd devstack

编辑local.conf，接下来每个节点的local.conf不一样

在 /opt/stack/devstack 目录下，创建 local.conf。

## devstack-controller

[[local|localrc]]

MULTI\_HOST=true  
HOST\_IP=192.168.104.10 # management & api network   
LOGFILE=/opt/stack/logs/stack.sh.log

# Credentials   
ADMIN\_PASSWORD=admin   
MYSQL\_PASSWORD=secret   
RABBIT\_PASSWORD=secret   
SERVICE\_PASSWORD=secret   
SERVICE\_TOKEN=abcdefghijklmnopqrstuvwxyz

# enable neutron-ml2-vlan   
disable\_service n-net   
enable\_service q-svc,q-agt,q-dhcp,q-l3,q-meta,neutron,q-lbaas,q-fwaas,q-vpn   
Q\_AGENT=linuxbridge   
ENABLE\_TENANT\_VLANS=True   
TENANT\_VLAN\_RANGE=3001:4000   
PHYSICAL\_NETWORK=default

LOG\_COLOR=False   
LOGDIR=$DEST/logs   
SCREEN\_LOGDIR=$LOGDIR/screen

**devstack-compute**

[[local|localrc]]

MULTI\_HOST=true   
HOST\_IP=192.168.104.11 # management & api network

# Credentials   
ADMIN\_PASSWORD=admin   
MYSQL\_PASSWORD=secret   
RABBIT\_PASSWORD=secret   
SERVICE\_PASSWORD=secret   
SERVICE\_TOKEN=abcdefghijklmnopqrstuvwxyz

# Service information   
SERVICE\_HOST=192.168.104.10   
MYSQL\_HOST=$SERVICE\_HOST   
RABBIT\_HOST=$SERVICE\_HOST   
GLANCE\_HOSTPORT=$SERVICE\_HOST:9292   
Q\_HOST=$SERVICE\_HOST   
KEYSTONE\_AUTH\_HOST=$SERVICE\_HOST   
KEYSTONE\_SERVICE\_HOST=$SERVICE\_HOST

CEILOMETER\_BACKEND=mongodb   
DATABASE\_TYPE=mysql

ENABLED\_SERVICES=n-cpu,q-agt,neutron   
Q\_AGENT=linuxbridge   
ENABLE\_TENANT\_VLANS=True   
TENANT\_VLAN\_RANGE=3001:4000   
PHYSICAL\_NETWORK=default

# vnc config   
NOVA\_VNC\_ENABLED=True   
NOVNCPROXY\_URL="http://$SERVICE\_HOST:6080/vnc\_auto.html"   
VNCSERVER\_LISTEN=$HOST\_IP   
VNCSERVER\_PROXYCLIENT\_ADDRESS=$VNCSERVER\_LISTEN

LOG\_COLOR=False   
LOGDIR=$DEST/logs   
SCREEN\_LOGDIR=$LOGDIR/screen

另外，为了加快安装速度，还可以加上下面的配置使用国内的 devstack 镜像站点

# use TryStack git mirror   
GIT\_BASE=http://git.trystack.cn   
NOVNC\_REPO=http://git.trystack.cn/kanaka/noVNC.git   
SPICE\_REPO=http://git.trystack.cn/git/spice/spice-html5.git

./stack.sh