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1 20170309 完成的任务和问题

1.1 任务一：完成第二次 junos 版本 openstack 的安装

1. 按照第一次安装的步骤再次进行了安装，安装过程没有补充
2. 补充第一次安装出现的网络节点断网的问题

1.2 补充问题：配置网络节点的 ovs 时，需要给外部网桥添加一个端口，连接外部网络。文档说明如下

To configure the Open vSwitch (OVN) service

The OVS service provides the underlying virtual networking framework for instances. The integration bridge `br-int` handles internal instance network traffic within OVS. The external bridge `br-ex` handles external instance network traffic within OVS. The external bridge requires a port on the physical external network interface to provide instances with external network access. In essence, this port connects the virtual and physical external networks in your environment.

1. Restart the OVS service:

```
# service openvswitch-switch restart
```

2. Add the external bridge:

```
# ovs-vsctl add-br br-ex
```

3. Add a port to the external bridge that connects to the physical external network interface:

Replace `INTERFACE_NAME` with the actual interface name. For example, `eth2` or `ens256`.

```
# ovs-vsctl add-port br-ex INTERFACE_NAME
```

1.3 由于设置的网络节点的连接外部网络的接口是 eth0, 因此将接口名改为 eth0, 导致网络节点断开

1.4 解决办法是重新配置 ip 地址, 如下图所示

```
# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto eth0
iface eth0 inet manual
up ifconfig $IFACE 0.0.0.0 up
up ip link set $IFACE promisc on
down ip link set $IFACE promisc off
down ifconfig $IFACE down

auto br-ex
iface br-ex inet static
address 172.16.19.151
netmask 255.255.255.0
gateway 172.16.19.254
dns-nameservers 172.16.5.1

auto eth1
iface eth1 inet static
address 10.0.0.21
netmask 255.255.255.0

auto eth2
iface eth2 inet static
address 10.0.1.21
netmask 255.255.255.0
```