## 7.3 Neutron网络服务—计算节点安装与配置

### 7.3.1 安装软件



### 7.3.2 修改配置文件/etc/neutron/neutron.conf

a. 备份



b. 修改/etc/neutron/neutron.conf

在[database]部分，注释所有``connection`` 项，因为计算节点不直接访问数据库

b.1 认证机制

[DEFAULT]

auth\_strategy = keystone

[keystone\_authtoken]

auth\_uri = http://hgb07-*controller*:5000

auth\_url = http://hgb07-*controller*:35357

memcached\_servers = hgb07-*controller*:11211

auth\_type = password

project\_domain\_name = default

user\_domain\_name = default

project\_name = service

username = neutron

password = NEUTRON\_PASS

b.2 消息队列

[DEFAULT]

rpc\_backend = rabbit

[oslo\_messaging\_rabbit]

rabbit\_host = hgb07-*controller*

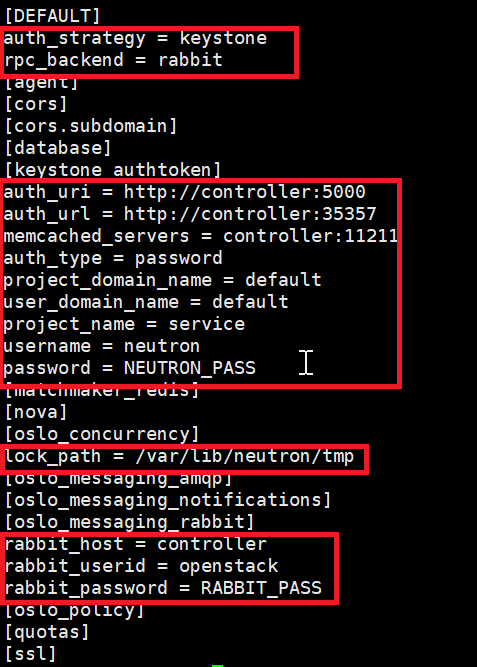
rabbit\_userid = openstack

rabbit\_password = RABBIT\_PASS

b.3 锁

[oslo\_concurrency]

lock\_path = /var/lib/neutron/tmp



### 7.3.3 [配置网络选项](https://docs.openstack.org/mitaka/zh_CN/install-guide-rdo/neutron-compute-install.html" \l "configure-networking-options)

配置Linuxbridge代理：

Linuxbridge代理为实例建立layer－2虚拟网络并且处理安全组规则。

a.备份

cp /etc/neutron/plugins/ml2/linuxbridge\_agent.ini{,.bak}

b.配置/etc/neutron/plugins/ml2/linuxbridge\_agent.ini

b.1 在[linux\_bridge]部分，将公共虚拟网络和公共物理网络接口对应起来：

[linux\_bridge]

physical\_interface\_mappings = provider:*PROVIDER\_INTERFACE\_NAME*

b.2 禁止VXLAN覆盖网络

在[vxlan]部分，禁止VXLAN覆盖网络：

[vxlan]

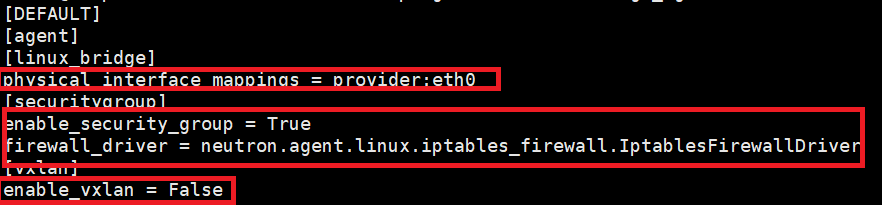
enable\_vxlan = False

b.3 启用安全组并配置 Linuxbridge iptables firewall driver

[securitygroup]

enable\_security\_group = True

firewall\_driver = neutron.agent.linux.iptables\_firewall.IptablesFirewallDriver



### 7.3.4 [为计算节点配置网络服务](https://docs.openstack.org/mitaka/zh_CN/install-guide-rdo/neutron-compute-install.html" \l "configure-compute-to-use-networking)

在[neutron]部分，配置访问参数：

[neutron]

url = http://hgb07-*controller*:9696

auth\_url = http://hgb07-*controller*:35357

auth\_type = password

project\_domain\_name = default

user\_domain\_name = default

region\_name = RegionOne

project\_name = service

username = neutron

password = NEUTRON\_PASS

### 7.3.5 [完成安装](https://docs.openstack.org/mitaka/zh_CN/install-guide-rdo/neutron-compute-install.html" \l "finalize-installation)

1. 重启nova-compute服务

systemctl restart openstack-nova-compute.service

1. 启动Linuxbridge代理并配置它开机自启动

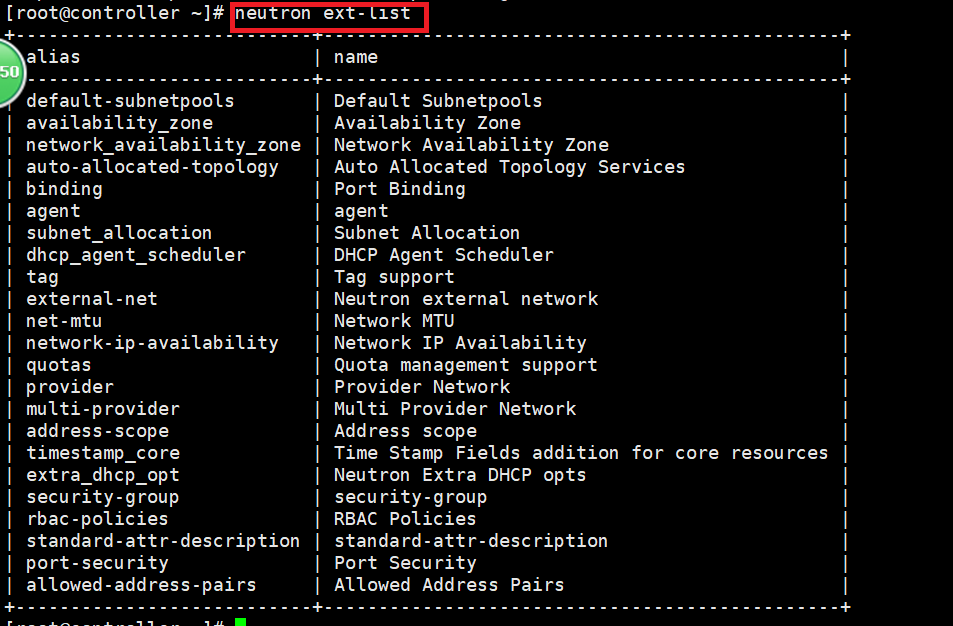
systemctl enable neutron-linuxbridge-agent.service

systemctl start neutron-linuxbridge-agent.service

## 7.4 验证neutron服务

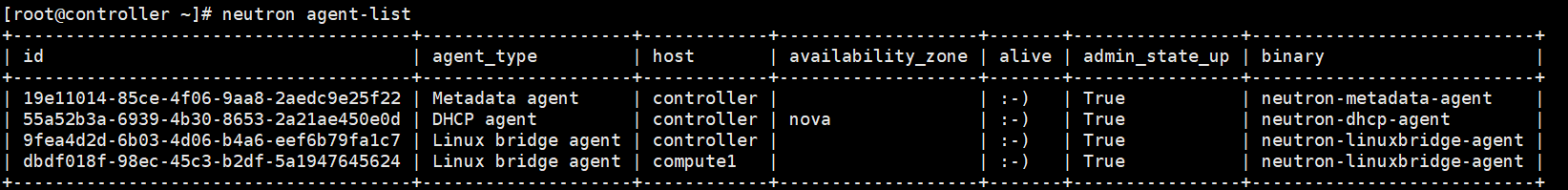
控制节点上执行，列出加载的扩展来验证``neutron-server``进程是否正常启动

neutron ext-list



代理以验证启动 neutron 代理是否成功。

neutron agent-list



输出结果应该包括控制节点上的三个代理和每个计算节点上的一个代理。