

Computer	Provider	VXLAN
software	openstack-neutron-linuxbridge ebtables ipset	openstack-neutron-linuxbridge ebtables ipset
config-file	/etc/neutron/neutron.conf	/etc/neutron/neutron.conf
config-file(*)	/etc/neutron/plugins/ml2/linuxbridge_agent.ini	/etc/neutron/plugins/ml2/linuxbridge_agent.ini
Server	openstack-nova-compute.service neutron-linuxbridge-agent.service	openstack-nova-compute.service neutron-linuxbridge-agent.service

```
yum install openstack-neutron-linuxbridge ebtables ipset
```

```
/etc/neutron/neutron.conf
```

```
[DEFAULT]
transport_url = rabbit://openstack:RABBIT_PASS@base.blue.edu
```

```
[DEFAULT]
auth_strategy = keystone
```

```
[keystone_authtoken]
auth_uri = http://ctrl.blue.edu:5000
auth_url = http://ctrl.blue.edu:35357
memcached_servers = base.blue.edu:11211
auth_type = password
project_domain_name = default
user_domain_name = default
project_name = service
username = neutron
password = NEUTRON_PASS
```

```
[oslo_concurrency]
lock_path = /var/lib/neutron/tmp
```

```
cp /etc/neutron/neutron.conf /etc/neutron/neutron.conf.ds.bak
cat /etc/neutron/neutron.conf.ds.bak | grep -v ^# | uniq > /etc/neutron/neutron.conf
```

```
sed -i '/^\\[DEFAULT\\]$\\/a\\transport_url = rabbit://openstack:RABBIT_PASS@base.blue.edu\\nauth_strategy = keystone' /etc/neutron/neutron.conf
sed -i '/^\\[keystone_authtoken\\]$\\/a\\auth_uri = http://ctrl.blue.edu:5000\\nauth_url = http://ctrl.blue.edu:35357\\nmemcached_servers = base.blue.edu:11211\\nauth_type = password\\nproject_domain_name = default\\nuser_domain_name = default\\nproject_name = service\\nusername = neutron\\npassword = NEUTRON_PASS' /etc/neutron/neutron.conf
sed -i '/^\\[oslo_concurrency\\]$\\/a\\lock_path = /var/lib/neutron/tmp' /etc/neutron/neutron.conf
```

```
/etc/neutron/plugins/ml2/linuxbridge_agent.ini
```

```
[linux_bridge]
physical_interface_mappings = provider:eth0

[vxlan]
enable_vxlan = false

& enable_vxlan = true
& local_ip = 192.168.1.92
& l2_population = true

[securitygroup]
enable_security_group = true
firewall_driver = neutron.agent.linux.iptables_firewall.IptablesFirewallDriver
```

```
cp /etc/neutron/plugins/ml2/linuxbridge_agent.ini /etc/neutron/plugins/ml2/linuxbridge_agent.ini.ds.bak
cat /etc/neutron/plugins/ml2/linuxbridge_agent.ini.ds.bak | grep -v ^# | uniq > /etc/neutron/plugins/ml2/linuxbridge_agent.ini
```

```
sed -i '/^\[linux_bridge\]$/a\physical_interface_mappings = provider:eth0' /etc/neutron/plugins/ml2/linuxbridge_agent.ini
sed -i '/^\[vxlan\]$/a\enable_vxlan = false' /etc/neutron/plugins/ml2/linuxbridge_agent.ini
sed -i '/^\[securitygroup\]$/a\enable_security_group = true\nfirewall_driver = neutron.agent.linux.iptables_firewall.IptablesFirewallDriver' /etc/neutron/plugins/ml2/linuxbridge_agent.ini
```

```
sed -i '/^\[linux_bridge\]$/a\physical_interface_mappings = provider:eth0' /etc/neutron/plugins/ml2/linuxbridge_agent.ini
sed -i '/^\[vxlan\]$/a\enable_vxlan = true\nlocal_ip = 192.168.1.92\nl2_population = true' /etc/neutron/plugins/ml2/linuxbridge_agent.ini
sed -i '/^\[securitygroup\]$/a\enable_security_group = true\nfirewall_driver = neutron.agent.linux.iptables_firewall.IptablesFirewallDriver' /etc/neutron/plugins/ml2/linuxbridge_agent.ini
```

```
/etc/nova/nova.conf
```

```
[neutron]
url = http://ctrl.blue.edu:9696
auth_url = http://ctrl.blue.edu:35357
auth_type = password
project_domain_name = default
user_domain_name = default
region_name = RegionOne
project_name = service
username = neutron
password = NEUTRON_PASS
```

```
sed -i '/^\\[neutron\\]$/{url = http://ctrl.blue.edu:9696\nauth_url = http://ctrl.blue.ed  
u:35357\nauth_type = password\nproject_domain_name = default\nuser_domain_name = default  
\nregion_name = RegionOne\nproject_name = service\nusername = neutron\npassword = NEUTRO  
N_PASS' /etc/nova/nova.conf
```

```
systemctl restart openstack-nova-compute.service
```

```
systemctl enable neutron-linuxbridge-agent.service  
systemctl restart neutron-linuxbridge-agent.service
```