

## 网络选项2：自助服务网络

[« \(compute-install-option1-rdo.html\)](#)
[» \(install-ubuntu.html\)](#)
[\(https://bugs.launchpad.net/neutron/+filebug?field.title=Networking%20Option%202%3A%20Self-service%20networks%20in%20Neutron&field.comment=%0A%0A%0AThis bug tracker is for errors with the documentation, use the following as a template and remove or add fields as you see fit. Convert \[ \] into \[x\] to check boxes:%0A%0A- \[ \] This doc is inaccurate in this way: \\_\\_\\_\\_%0A- \[ \] This is a doc addition request.%0A- \[ \] I have a fix to the document that I can paste below including example: input and output. %0A%0AIf you have a troubleshooting or support issue, use the following resources:%0A%0A - Ask OpenStack: http://ask.openstack.org%0A - The mailing list: http://lists.openstack.org%0A - IRC: 'openstack' channel on Freenode%0A%0A-----%0ARelease:%202012.0.1.dev11%20on%202018-03-07%2021:05%0ASHA:%2043df2709acbdce86686a40b75fd34e96880427d0%0ASource:%20https://git.openstack.org/cgit/openstack/neutron/tree/doc/source/install/compute-install-option2-rdo.rst%0AURL: https://docs.openstack.org/neutron/queens/install/compute-install-option2-rdo.html&field.tags=doc\)](https://bugs.launchpad.net/neutron/+filebug?field.title=Networking%20Option%202%3A%20Self-service%20networks%20in%20Neutron&field.comment=%0A%0A%0AThis%20bug%20tracker%20is%20for%20errors%20with%20the%20documentation%2C%20use%20the%20following%20as%20a%20template%20and%20remove%20or%20add%20fields%20as%20you%20see%20fit.%20Convert%20%5B%5D%20into%20%5Bx%5D%20to%20check%20boxes%3A%0A%0A%0A%5B%5D%20This%20doc%20is%20inaccurate%20in%20this%20way%3A%0A%0A%0A%5B%5D%20I%20have%20a%20fix%20to%20the%20document%20that%20I%20can%20paste%20below%20including%20example%3A%20input%20and%20output.%20%0A%0AIf%20you%20have%20a%20troubleshooting%20or%20support%20issue%2C%20use%20the%20following%20resources%3A%0A%0A%0A%20-%20Ask%20OpenStack%3A%20http%3A%2F%2Fask.openstack.org%0A%0A%20-%20The%20mailing%20list%3A%20http%3A%2F%2Flists.openstack.org%0A%0A%20-%20IRC%3A%20'openstack'%20channel%20on%20Freenode%0A%0A-----%0ARelease%3A%202012.0.1.dev11%20on%202018-03-07%2021:05%0ASHA%3A%2043df2709acbdce86686a40b75fd34e96880427d0%0ASource%3A%20https%3A%2F%2Fgit.openstack.org%2Fcg%2Fopenstack%2Fneutron%2Ftree%2Fdoc%2Fsource%2Finstall%2Fcompute-install-option2-rdo.rst%0AURL%3A%20https%3A%2F%2Fdocs.openstack.org%2Fneutron%2Fqueens%2Finstall%2Fcompute-install-option2-rdo.html&field.tags=doc)

更新日期：2018-03-07 21:05

在**计算**节点上配置网络组件。

### 配置Linux网桥代理

Linux网桥代理为实例构建第2层（桥接和交换）虚拟网络基础结构并处理安全组。

- 编辑/etc/neutron/plugins/ml2/linuxbridge\_agent.ini文件并完成以下操作：
  - 在本[linux\_bridge]节中，将提供者虚拟网络映射到提供者物理网络接口：

```
[linux_bridge]
physical_interface_mappings = 提供者: PROVIDER_INTERFACE_NAME
```

替换**PROVIDER\_INTERFACE\_NAME**为底层提供商物理网络接口的名称。有关 更多信息，请参阅**主机网络 (environment-networking-rdo.html)**

- 在该[**vxlan**]部分中，启用VXLAN覆盖网络，配置处理覆盖网络的物理网络接口的IP地址，并启用第2层群体：

```
[vxlan]
enable_vxlan = true
local_ip = OVERLAY_INTERFACE_IP_ADDRESS
l2_population = true
```

替换**OVERLAY\_INTERFACE\_IP\_ADDRESS**为处理覆盖网络的底层物理网络接口的IP地址。示例体系结构使用管理接口将流量发送到其他节点。因此，请替换**OVERLAY\_INTERFACE\_IP\_ADDRESS**计算节点的管理IP地址。有关更多信息，请参阅 **主机网络 (environment-networking-rdo.html)**

- 在本[**securitygroup**]节中，启用安全组并配置Linux网桥iptables防火墙驱动程序：

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

- 确保您的Linux操作系统内核支持网桥过滤器，方法是验证以下所有**sysctl**值都设置为**1**：

```
net.bridge.bridge-nf-call-iptables
net.bridge.bridge-nf-call-ip6tables
```

要启用网络桥接支持，通常**br\_netfilter**需要加载内核模块。检查您的操作系统的文档以获取启用此模块的更多详细信息。

返回到**网络计算节点配置**。

[« \(compute-install-option1-rdo.html\)](#)
[» \(install-ubuntu.html\)](#)
[\(https://bugs.launchpad.net/neutron/+filebug?field.title=Networking%20Option%202%3A%20Self-service%20networks%20in%20Neutron&field.comment=%0A%0A%0AThis bug tracker is for errors with the documentation, use the following as a template and remove or add fields as you see fit. Convert \[ \] into \[x\] to check boxes:%0A%0A- \[ \] This doc is inaccurate in this way: \\_\\_\\_\\_%0A- \[ \] This is a doc addition request.%0A- \[ \] I have a fix to the document that I can paste below including example: input and output. %0A%0AIf you have a troubleshooting or support issue, use the following resources:%0A%0A - Ask OpenStack: http://ask.openstack.org%0A - The mailing list: http://lists.openstack.org%0A - IRC: 'openstack' channel on Freenode%0A%0A-----%0ARelease:%202012.0.1.dev11%20on%202018-03-07%2021:05%0ASHA:%2043df2709acbdce86686a40b75fd34e96880427d0%0ASource:%20https://git.openstack.org/cgit/openstack/neutron/tree/doc/source/install/compute-install-option2-rdo.rst%0AURL: https://docs.openstack.org/neutron/queens/install/compute-install-option2-rdo.html&field.tags=doc\)](https://bugs.launchpad.net/neutron/+filebug?field.title=Networking%20Option%202%3A%20Self-service%20networks%20in%20Neutron&field.comment=%0A%0A%0AThis%20bug%20tracker%20is%20for%20errors%20with%20the%20documentation%2C%20use%20the%20following%20as%20a%20template%20and%20remove%20or%20add%20fields%20as%20you%20see%20fit.%20Convert%20%5B%5D%20into%20%5Bx%5D%20to%20check%20boxes%3A%0A%0A%0A%5B%5D%20This%20doc%20is%20inaccurate%20in%20this%20way%3A%0A%0A%0A%5B%5D%20I%20have%20a%20fix%20to%20the%20document%20that%20I%20can%20paste%20below%20including%20example%3A%20input%20and%20output.%20%0A%0AIf%20you%20have%20a%20troubleshooting%20or%20support%20issue%2C%20use%20the%20following%20resources%3A%0A%0A%0A%20-%20Ask%20OpenStack%3A%20http%3A%2F%2Fask.openstack.org%0A%0A%20-%20The%20mailing%20list%3A%20http%3A%2F%2Flists.openstack.org%0A%0A%20-%20IRC%3A%20'openstack'%20channel%20on%20Freenode%0A%0A-----%0ARelease%3A%202012.0.1.dev11%20on%202018-03-07%2021:05%0ASHA%3A%2043df2709acbdce86686a40b75fd34e96880427d0%0ASource%3A%20https%3A%2F%2Fgit.openstack.org%2Fcg%2Fopenstack%2Fneutron%2Ftree%2Fdoc%2Fsource%2Finstall%2Fcompute-install-option2-rdo.rst%0AURL%3A%20https%3A%2F%2Fdocs.openstack.org%2Fneutron%2Fqueens%2Finstall%2Fcompute-install-option2-rdo.html&field.tags=doc)

更新日期：2018-03-07 21:05



(<https://creativecommons.org/licenses/by/3.0/>)

除另有说明外，本文档受 [Creative Commons Attribution 3.0](https://creativecommons.org/licenses/by/3.0/) 许可的授权 (<https://creativecommons.org/licenses/by/3.0/>)。查看所有 [OpenStack](http://www.openstack.org/legal) 法律文件 (<http://www.openstack.org/legal>)。

