

VPNaaS Plug-in User Guide

[VPNaaS Plug-in](#)

[Requirements](#)

[Plug-in Installation](#)

[Plug-in Configuration](#)

VPNaaS Plug-in

VPNaaS plug-in provides [Neutron VPNaaS](#) functionality: VPN-as-a-Service with IPsec and [Openswan](#).

That means, you can link tenants in separate OpenStack clouds — for example, premise and hosted clouds in a hybrid application.

Requirements

VPNaaS plug-in is compatible with OpenStack Juno Release 2014.2 (Mirantis OpenStack 6.0).

It also supports Ubuntu 14.04 LTS and CentOS 6.5.

Plug-in Installation

1. Download the plug-in from <https://software.mirantis.com/fuel-plugins>.
2. Copy the plug-in on already installed Fuel Master node; ssh can be used for that. If you do not have the Fuel Master node yet, see [Running Mirantis OpenStack on VirtualBox](#):

```
scp vpnaas-plugin-1.0.0.fp root@:master_node_ip:/tmp
cd /tmp
fuel plugins --install vpnaas-plugin-1.0.0.fp
```

3. After plug-in is installed, create an environment with Neutron.

Plug-in Configuration

1. Enable the plug-in on the *Settings* tab of the Fuel web UI:

Ceph object replication
factor

Configures the default number of object replicas in Ceph. T
to or lower than the number of deployed 'Storage - Ceph C



VPNaaS plugin for Neutron

Upstream DNS

DNS list

List of upstream DNS servers separated by comma

2. For further steps, see an [illustrated step-by-step instruction](#) on setting VPNaaS for the OpenStack clouds in Mirantis blogpost.