
Neutron VPNaaS Dashboard Documentation

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Neutron Contributors

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Neutron VPNaaS Dashboard is a horizon plugin for Neutron VPNaaS.

1 Installation

1.1 Manual Installation

Before installing neutron-vpnaas-dashboard, you first need to install horizon in your environment.

Fetch the source code from git and run pip install. Make sure to install neutron-vpnaas-dashboard into the same python environment where horizon is installed.

```
$ git clone https://opendev.org/openstack/neutron-vpnaas-dashboard
$ cd neutron-vpnaas-dashboard
$ sudo pip install .
```

Enable the horizon plugin.

```
$ cp neutron_vpnaas_dashboard/enabled/_7100_project_vpn_panel.py \
/opt/stack/horizon/openstack_dashboard/local/enabled/_7100_project_vpn_
→panel.py
```

Note

The directory local/enabled may be different depending on your environment or distribution used. For example, for Ubuntu, this is /usr/share/openstack-dashboard/openstack_dashboard/local/enabled.

Note

The number of the plugin enabled file determines the order of panels. If you would like to configure the place of the Neutron VPNaaS dashboard, change the number of the file.

Note

For more detail of the horizon plugin settings, see [Pluggable Settings](#) in the horizon documentation.

Compile the message catalogs of Neutron VPNaaS dashboard.

```
$ cd neutron-vpnaas-dashboard
$ ./manage.py compilemessages
```

Run the Django update commands (if you use).

```
$ DJANGO_SETTINGS_MODULE=openstack_dashboard.settings python manage.py
  ↳ collectstatic --noinput
$ DJANGO_SETTINGS_MODULE=openstack_dashboard.settings python manage.py
  ↳ compress --force
```

Restart Apache (for RHEL/CentOS Stream):

```
$ sudo systemctl restart httpd
```

Restart Apache (for Ubuntu):

```
$ sudo systemctl restart apache2
```

2 Configuration

Neutron VPNaaS dashboard has no configuration option. It checks if Neutron VPNaaS service is enabled in your neutron server and the VPNaaS panel is displayed if enabled.

For more configurations, see [Deployment & Configuration](#) in the Horizon documentation.

3 Contributor Guide

There is no topic specific to neutron-vpnaas-dashboard now.

See [Horizon Developer Documents](#) for general topic on developing a dashboard on horizon.

3.1 DevStack plugin for neutron-vpnaas-dashboard

This is setup as a DevStack plugin. For more information on DevStack plugins, see the [DevStack Plugins documentation](#).

How to enable VPNaaS dashboard

Add the following to the localrc section of your local.conf. You need to configure VPNaaS DevStack plugin as well. DevStack plugin for VPNaaS dashboard is configured, neutron-`vpnaaS-dashboard` service is automatically enabled.

It is suggested to enable the DevStack plugin for neutron-`vpnaaS`, if you run horizon and neutron-server on a same server like all-in-one environment.

```
[[local|localrc]]
enable_plugin neutron-vpnaaS https://opendev.org/openstack/neutron-vpnaaS
↪master
enable_plugin neutron-vpnaaS-dashboard https://opendev.org/openstack/neutron-
↪vpnaaS-dashboard master
```