Neutron FWaaS Dashboard Documentation

Release 9.1.0.dev1

Neutron Contributors

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Contents

> **Warning**
>
> Due to lack of maintainers this project is now deprecated in the Neutron stadium and will be removed from stadium in W cycle. If You want to step in and be maintainer of this project to keep it in the Neutron stadium, please contact the `neutron team` via openstack-discuss@lists.openstack.org or IRC channel #openstack-neutron @freenode.

Neutron FWaaS Dashboard is a horizon plugin for Neutron FWaaS.

1 Installation

1.1 Manual Installation

Before installing neutron-fwaas-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-fwaas-dashboard into the same python environment where horizon is installed.

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

Enable the horizon plugin.

```
$ cp neutron_fwaas_dashboard/enabled/_70*_*.py \
      /opt/stack/horizon/openstack_dashboard/local/enabled/
```

> **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 FWaaS dashboard, change the number of the file.

> **Note**
>
> For more detail of the horizon plugin settings, see Pluggable Settings in the horizon documentation.

Configure the policy file for Neutron FWaaS dashboard in OpenStack Dashboard `local_settings.py`. `<fwaas-dashboard-config-dir>` is a directory which contains configurations for Neutron FWaaS dashboard and the location varies across distributions or deployments.

```
POLICY_FILES['neutron-fwaas'] = '<fwaas-dashboard-config-dir>/etc/neutron-
↪fwaas-policy.json'
```

> **Note**
>
> If you do not configure `POLICY_FILES` in your `local_settings.py`, you also need to define the default `POLICY_FILES` in `local_settings.py`. If you use the example `local_settings.py` file from horizon, what you need is to uncomment `POLICY_FILES` (which contains the default values).

Compile the message catalogs of Neutron FWaaS dashboard.

```
$ cd neutron-fwaas-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:

```
$ sudo service apache2 restart
```

2 Configuration

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

For more configurations, see Settings Reference in the Horizon documentation.

3 Contributor Guide

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

See Horizon Contributor Documentation for general topic on developing a dashboard on horizon.

3.1 DevStack plugin for neutron-fwaas-dashboard

This is setup as a DevStack plugin. For more information on DevStack plugins, see the DevStack Plugins documentation.

If neutron-fwaas-dashboard DevStack plugin is enabled, Neutron FWaaS dashboard is automatically enabled and the appropriate version of FWaaS panel is displayed based on the FWaaS version enabled in your neutron server. You do not need to specify FWaaS API version in the DevStack plugin configuration.

To enable FWaaS dashboard, add the following to the localrc section of your local.conf.

```
[[local|localrc]]
enable_plugin neutron-fwaas https://opendev.org/openstack/neutron-fwaas master
enable_service q-fwaas-v2
enable_plugin neutron-fwaas-dashboard https://opendev.org/openstack/neutron-
↪fwaas-dashboard master
```