**Huawei Neutron ML2 Driver**

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2. **Overview**

Huawei ML2 Mechanism Driver implement ML2 Plugin Mechanism Driver API. This driver can manage all types of Huawei switches.

1. **Prerequisites**

RDO install OpenStack Icehouse for CentOS6.5

Install the ncclient Python library for NETCONF client (see https://github.com/leopoul/ncclient) on the Neutron server

1. **Directory Structure**

The Huawei Neutron ML2 Driver can be downloaded from the repository located at:

https://github.com/huaweiswitch/neutron/plugins/ml2/drivers/huawei

1. **Configuration**

**Huawei Driver configuration**

Edit /etc/neutron/neutron.conf

core\_plugin = ml2

Edit /etc/neutron/plugins/ml2/ml2\_conf.ini:

type\_drivers = vlan

tenant\_network\_types = vlan

mechanism\_drivers = openvswitch,huawei

Edit /etc/neutron/plugins/ml2/ml2\_conf\_huawei.ini:

[ml2\_huawei]

hostaddr = Switch IP address

username = admin

password = password

portname = Switch port name

Start the neutron service by providing the relevant configuration files

cd <neutron\_path> && python <neutron\_path>/bin/neutron-server --config-file /etc/neutron/neutron.conf --config-file /etc/neutron/plugins/ml2/ml2\_conf.ini --config-file /etc/neutron/plugins/ml2/ml2\_conf\_huawei.ini

Finally, restart neutron-server:

service neutron-server restart

附录：发布网站

<https://github.com/HuaweiSwitch/neutron>

<https://blueprints.launchpad.net/neutron/+spec/ml2-huawei-switch-mech-driver>