



Fuel OpenDaylight plugin demo

June 2015

www.mirantis.com

- OpenDaylight versions
- Plugin structure
- Plugin build
- Plugin installation
- Plugin settings
 - mandatory ODL settings
 - encapsulation
- Overview of deployed environment

- OpenDaylight available versions and limitations
 - Helium – Openstack Juno
 - Lithium – Openstack Kilo
- there are limitations
 - Lack of OpenDaylight driver for L3 in Juno
 - North \Leftrightarrow South L3 traffic available from Lithium

- Tasks
 - puppet
 - bash
- Repositories
- Pre-build hook
- Yaml files

- Environment requirements:
 - git
 - Fuel Plugin Builder: `pip install fuel-plugin-builder`
 - FPM Builder: `gem install fpm`

- Clone repository
 - `git clone https://github.com/stackforge/fuel-plugin-opendaylight`
- Build plugin rpm
 - `fpb --build fuel-plugin-opendaylight/`
- After successful build the source code directory should contain *opendaylight-[x.x.x].noarch.rpm* file which should be transferred to Fuel Master

- Check already installed plugins
 - `fuel plugins --list`
- Install new plugin
 - `fuel plugins --install opendaylight-[x.x.x].noarch.rpm`

- StackForge
 - <https://github.com/stackforge/fuel-plugin-opendaylight>
 - it is still beta!
- Fuel plugin documentation
 - <https://wiki.openstack.org/wiki/Fuel/Plugins>
- Changes in Fuel 6.1
 - <https://docs.mirantis.com/openstack/fuel/fuel-6.1/release-notes.html>

Questions?