



OVSNFV Guides and Installation

Release draft (0a27666)

OPNFV

August 12, 2016

CONTENTS

1	Open vSwitch	1
1.1	Supported OPNFV Installers	1

OPEN VSWITCH

Open vSwitch (OVS) is a software switch commonly used in OpenStack deployments to replace Linux bridges as it offers advantages in terms of mobility, hardware integration and use by network controllers.

1.1 Supported OPNFV Installers

Currently not all installers are supported.

1.1.1 Fuel Installer

OVSNFV project supplies a Fuel Plugin to upgrade DPDK enabled Open vSwitch on an OPNFV to 2.5.90.

1.1.2 Limitations

The same limitations that apply to using Fuel DPDK-enabled interfaces also apply when using this plugin. Including:

- Fuel9 OVS-DPDK support works only for VLAN segmentation.
- Only interfaces running the private network (and no other network) can be supported so each node needs a separate interface dedicated to the private network.
- The nodes with dpdk enabled interfaces will need to have hugepages configured and some cores reserved for dpdk.

1.1.3 Bugs