



fuel-os-nosdn-ovs-ha overview and description

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OPNFV

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INTRODUCTION

This scenario replaces the DPDK-enabled Open vSwitch component with a later version - 2.5.90 based on DPDK 16.07.

SCENARIO COMPONENTS AND COMPOSITION

The scenario currently supports the Fuel and Apex installers.

SCENARIO USAGE OVERVIEW

After installation use of the scenario requires no further action by the user. Traffic on the private network will automatically be processed by the upgraded DPDK datapath.

LIMITATIONS, ISSUES AND WORKAROUNDS

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

REFERENCES

For more information on the OPNFV Colorado release, please visit <http://www.opnfv.org/colorado>