

Test Report for midonet 3.0.0 Fuel Plugin

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Revision history

Version	Revision date	Editor	Comment
1.0	23.01.2015	Irina Povolotskaya (ipovolotskaya@mirantis.com)	Created the template structure.
2.0	21.01.2016	Carmela Rubinos (carmela@midokura.com)	Test report filled for Fuel 7.0

Document purpose

This document provides test run results for *system tests* of *MidoNet MEM Fuel Plugin 3.3.0* on *Mirantis OpenStack 7.0*.

Test environment

Virtualbox environment with 1 master node and 2 slave nodes.
The networks are isolated using different NICS and VLANs on the VMs.

1 master node with 3 nics:

- 1 NIC for the PXE Network Untagged and Tagged the Storage VLAN 101, Management VLAN 102 and Private VLAN 103

- 1 NIC for the public network

- 1 NIC for Internet access

2 slave nodes with 2 nics:

- 1 NIC for the PXE Network Untagged and Tagged the Storage VLAN 101, Management VLAN 102 and Private VLAN 103

- 1 NIC for the public network

Test coverage and metrics

Test Coverage, 100.00%

Test results summary

The tests have been done manually. Connectivity with the floating ips were skipped because midonet uses GWs to access these IP addresses, this implies that we need to modify the network environment so the master could reach the floating IPs or launch the tempest and OST tests from an external node.

Type of testing

Coverage of features

Parameter	Value
Total quantity of executed test cases	6
Total quantity of not executed test cases	0
Quantity of automated test cases	0
Quantity of not automated test cases	6

Detailed test run results

#	Test case ID	Passed	Failed	Skipped	Comment
1	deploy_2_ node_mid onet_gre	✓			Skipped tests with floating IPs
2	deploy_3_ node_mid onet_gre	✓			Skipped tests with floating IPs
3	deploy_6_ node_mid onet_gre	✓			Skipped tests with floating IPs
4	deploy_2_ node_mid onet_vxlan	✓			Skipped tests with floating IPs
5	deploy_3_ node_mid onet_vxlan	✓			Skipped tests with floating IPs
6	deploy_6_ node_mid onet_vxlan	✓			Skipped tests with floating IPs
Total		6	0	0	

Total, %		100.00%			
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Known issues

1. If you choose to share the same node/server for both Controller and NSDB roles, make sure that you are following the technical specifications and provide at least or more than 6GB of RAM to the node. Otherwise the deployment may fail because of insufficient physical resources.