Test Report for MidoNet
Fuel Plugin v3.0.1

Revision history

Version	Revision date	Editor	Comment
0.1	23.01.2015	Irina Povolotskaya (ipovolotskaya@mirantis.com)	Created the template structure.
0.2	21.01.2016	Carmela Rubinos (carmela@midokura.com)	Filled template for MidoNet MEM Fuel Plugin for Fuel 7.0
0.3	29.02.2016	Samir Ibradžić (samir@midokura.com)	Add changes related to MidoNet Fuel Plugin v3.0.1, general fixes
0.3a	29.06.2016	Samir Ibradžić (samir@midokura.com)	Added new test scenario: fuel_create_mirror_update_repos

Document purpose

This document provides test run results for system tests of MidoNet MEM Fuel Plugin 3.0.1 on Mirantis Fuel 7.0.

Test environment

Libvirt KVM hypervisor LAB environment was used with base hardware spec of 32 CPU cores, 128GM of RAM and 2T of disk storage. Two isolated virtual networks were created;
- mgmt-pxe, used for:
  Admin(PXE) (untagged), Storage (VLAN102),
  Management (VLAN101) and Private (VLAN103) networks
- public, used for:
  "Public" network

The following virtual machines of 4vCPUs, 8GB RAM, 64BG were created:
- 1x Fuel 7.0 Master (Maintenance Update 2), connected to mgmt-pxe
- 1x VyOS BGP test node [3], connected to mgmt-pxe and public
- 11x slave nodes, connected to mgmt-pxe and public

Test coverage and metrics

Test Coverage,100.00%

Test results summary

The tests have been done by the means running Fuel OSTF test within the Fuel WEB interface manually.

Type of testing

Coverage of features

Parameter	Value
Total quantity of executed test cases	7
Total quantity of not executed test cases	0
Quantity of automated test cases	0
Quantity of not automated test cases	7

Detailed test run results

#	Test case ID	Passed	Failed	Skipped	Comment
1	inst_uninst_plugin	✓			
2	inst_plugin_deploy_env	✓			
3	uninst_plugin_deployed_env	✓			
4	fuel_create_mirror_update_repos	✓			
5	simple_4_node_midonet_gre	✓			Depends on external BGP
6	simple_4_node_midonet_vxlan	✓			
7	modify_compute_count	✓			Depends on external BGP
8	midonet_full_ha	✓			Depends on external BGP
Total		8	0	0	
Total %		100%			

Known issues

None.