US HEADQUARTERS
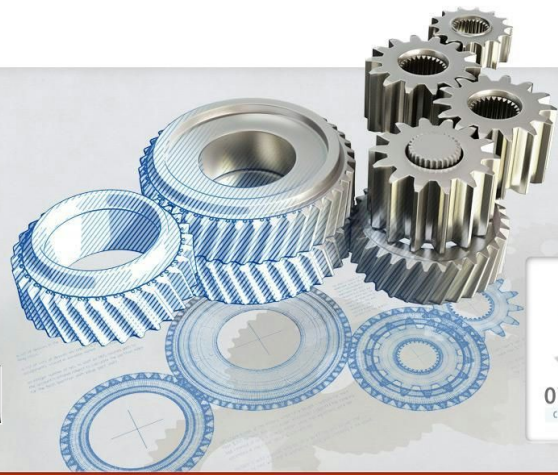
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Test Report for Contrail Fuel Plugin

Version 1.0.1
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Revision history

Version	Revision date	Editor	Comments
1.0	15/07/2015	Iryna Vovk (ivovk@mirantis.com)	Create the first version.

Document purpose

This document provides test run results of Contrail Fuel Plugin 1.0.1 on Mirantis OpenStack 6.1.

Test environment, infrastructure and tools

All test cases are performed with:
- Contrail Fuel Plugin version 1.0.1;
- OpenStack Release Juno on operating system Ubuntu 14.04.1(2014.2);
- Fuel 6.1 GA ISO
- Contrail 2.20 release build 64 (GA release) for Ubuntu

- Neutron with VLAN segmentation network model was used for testing.

Deployed environment (3 contrail controllers, 1 controller, 1 compute, Neutron networking) with default parameters with installing Contrail plugin. Other recommendation you can see in the test cases.

Coverage of features

Parameter	Value
Total quantity of executed test cases	23
Total quantity of not executed test cases	3

Test results summary

GUI testing

Parameter	Value
Total quantity of executed test cases	3
Total quantity of not executed test cases	0

Table with results for GUI testing

#	Test case ID	Passed	Failed	Skipped	Comment
1	*install_contrail*	✓			
2	*contrail_settings_fields_not_empty*	✓			
3	*correctness_contrail_fields*	✓			
Total		3			
Total, %		100			

Functional testing

Parameter	Value
Total quantity of executed test cases	5
Total quantity of not executed test cases	0

Table with results for functional testing

#	Test case ID	Passed	Failed	Skipped	Comment
1	*deploy_contrail*	✓			
2	*deploy_controller_compute_contrail*	✓			

#		Passed	Failed	Skipped	Comment
3	*deploy_ha_contrail_plugin*	✓			
4	deploy_ha_with_pub_net_all_nodes		✓		bug #1472669
5	*control_from_controller_node*	✓			
Total		4	1		
Total, %		80	20		

Integration testing

Parameter	Value
Total quantity of executed test cases	3
Total quantity of not executed test cases	0

Table with results for integration testing

#	Test case ID	Passed	Failed	Skipped	Comment
1	*contrail_vm_migration*	✓			
2	*contrail_plugin_add_delete_controller_node*	✓			

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3	*contrail_plugin_add_delete_compute_node*	✓			
Total		3			
Total, %		100			

System testing

Parameter	Value
Total quantity of executed test cases	9
Total quantity of not executed test cases	0

Table with results for system testing

#	Test case ID	Passed	Failed	Skipped	Comment
1	*contrail_vm_connection*	✓			
2	*check_ip_gateway_vm_via_contrail_network*	✓			
3	*contrail_vm_connection_in_different_tenants*	✓			
4	*contrail_vm_connection_withaut_floating_ip*	✓			

5	*create_new_network_via_contrail*	✓			
6	*contrail_vm_connection_with_floating_ip*	✓			
7	*check_bonding_with_contrail*	✓			
8	*uninstall_contrail_plugin*	✓			
9	*uninstall_contrail_plugin_with_deployed_environment*	✓			
Total		9			
Total, %		100			

Non-functional testing

Parameter	Value
Total quantity of executed test cases	3
Total quantity of not executed test cases	0

Table with results for non-functional testing

#	Test case ID	Passed	Failed	Skipped	Comment

1	*contrail_ha_with_network_problems*	✓			
2	*contrail_ha_with_node_problems*	✓			
3	*incorrect_network_settings_with_contrail*	✓			
Total		3			
Total, %		100			

Additional test cases

There are several test cases which are going to be executed in the next releases

Parameter	Value
Total quantity of executed test cases	3
Total quantity of not executed test cases	0

Table with results for additional test cases

#	Test case ID	Passed	Failed	Skipped	Comment
1	*deploy_ha_contrail_plugin_via_cli*			✓	This test case is planned to be

					executed in the next releases
2	*contrail_plugin_add_delete_contrail_controller_node*			✓	This test case is planned to be executed in the next releases
3	*create_two_enviroments_with_one_qateway*			✓	This test case is planned to be executed in the next releases
Total				3	
Total, %				100	

Known issue

bug #1472669

Appendix

#	Title of resource	Link
1.	Guide to the Contrail Plugin version 1.0.1 for Fuel	https://docs.google.com/document/d/19gyp_BMNpBbbDZ2o3z5Or4Plm5ZK6GjoPNhK

		CF4Hsv4/edit