

Test Report for LMA 0.7.0

Fuel Plugin

tag: 0.7.2

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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.
1.1	25.06.2015	Vadim Rovachev (vrovachev@mirantis.com)	Added the test suit results
1.2	29.06.2015	Vadim Rovachev (vrovachev@mirantis.com)	Added test suits for new system tests.
1.3	03.07.2015	Vitaly Gusev (vgusev@mirantis.com)	Published test results on RC3

Document purpose

This document provides test run results for manual testing of LMA Fuel Plugin 0.7.0 on Mirantis OpenStack 6.1.

Test environment

Fuel Master node - 6.1 Release ISO

Installed plugins:

id	name	version	package_version
1	lma_collector	0.7.0	2.0.0
2	influxdb_grafana	0.7.0	2.0.0
3	elasticsearch_kibana	0.7.0	2.0.0

Lab description:

Name	tpi96.bud.mirantis.net
CPU(s)	12
Model name	Intel(R) Xeon(R) CPU E5-2620 v3 @ 2.40GHz
Cpu MHz	2401.000
Cache size	15360 KB
RAM	64 GB

Environment variables:

3 controller+mongo: KVM, 1 CPU, 6 GB RAM, 100GB HDD

1 Base OS (slave-05_base-os): KVM, 1 CPU, 2 GB RAM, 100GB HDD

1 compute+Ceph OSD: KVM, 1 CPU, 2 GB RAM, 100GB HDD

hypervisor type: KVM

Openstack Release: Juno on Ubuntu 14.04.1, Juno on CentOS 6.5

Additional Components:

- Sahara

- Murano

- Ceilometer

Storage:

- Cinder, Glance, Swift in Ceph

- Ceph replica: 1

LMA plugin:

Events Analytics: Local node: slave-05_base-os

Metric Analytics: Local node: slave-05_base-os

Influx database name: lma

Influx database user: lma

Influx database pass: lmapass

Elasticsearch plugin:

Node name: slave-05_base-os

JVM heap size: 1

InfluxDB plugin:

Node name: slave-05_base-os

root password: lmapass

db name: lma

user name: lma

user password: lmapass

Test results summary

System testing

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	OS	Passed	Failed	Skipped	Comment
1	install_lma_plugins	Ubuntu/ neutron/ gre	✓			
	install_lma_plugins	CentOS/ neutron/ gre	✓			

2	deploy_lma_plugins	Ubuntu/ neutron/ gre	✓			
	deploy_lma_plugins	CentOS/ neutron/ gre	✓			
3	modify_env_with_plugin_remove_ add_controller	Ubuntu/ neutron/ gre	✓			
	modify_env_with_plugin_remove_ add_controller	CentOS/ neutron/ gre	✓			
4	modify_env_with_plugin_remove_ add_compute	Ubuntu/ neutron/ gre	✓			
	modify_env_with_plugin_remove_ add_compute	CentOS/ neutron/ gre	✓			
5	uninstall_plugin_with_deployed_e nv	Ubuntu/ neutron/ gre	✓			
	uninstall_plugin_with_deployed_e nv	CentOS/ neutron/ gre	✓			
6	uninstall_plugin	Ubuntu/ neutron/ gre	✓			
	uninstall_plugin	CentOS/ neutron/ gre	✓			
Total			6			
Total, %			100			

Functional testing

Parameter	Value
Total quantity of executed test cases	10
Total quantity of not executed test cases	0
Quantity of automated test cases	0
Quantity of not automated test cases	10

Detailed test run results

#	Test case ID	Passed	Failed	Skipped	Comment
1	query_logs_in_kibana_ui	✓			
2	query_nova_notifications_in_kibana_ui	✓			
3	query_glance_notifications_in_kibana_ui	✓			
4	query_cinder_notifications_in_kibana_ui	✓			
5	query_heat_notifications_in_kibana_ui	✓			
6	query_neutron_notifications_in_kibana_ui	✓			
7	query_keystone_notifications_in_kibana_ui	✓			
8	display_dashboards_in_grafana_ui	✓			
9	display_nova_metrics_in_grafana_ui	✓			
10	display_degraded_status_in_grafana_ui	✓			
Total		10			
Total, %		100			

Non-functional testing

Parameter	Value
Total quantity of executed test cases	1
Total quantity of not executed test cases	0
Quantity of automated test cases	0
Quantity of not automated test cases	1

Detailed test run results

#	Test case ID	Passed	Failed	Skipped	Comment
1	network_failure_on_analytics_node	✓			
Total		1			
Total, %		100			

Appendix

#	Title of resource
1	Test Plan For LMA Plugin: https://docs.google.com/document/d/1i8V94FMKemk2yBZAOXVYeEc3DbNhFJpEYA0wHp89CnU/edit#