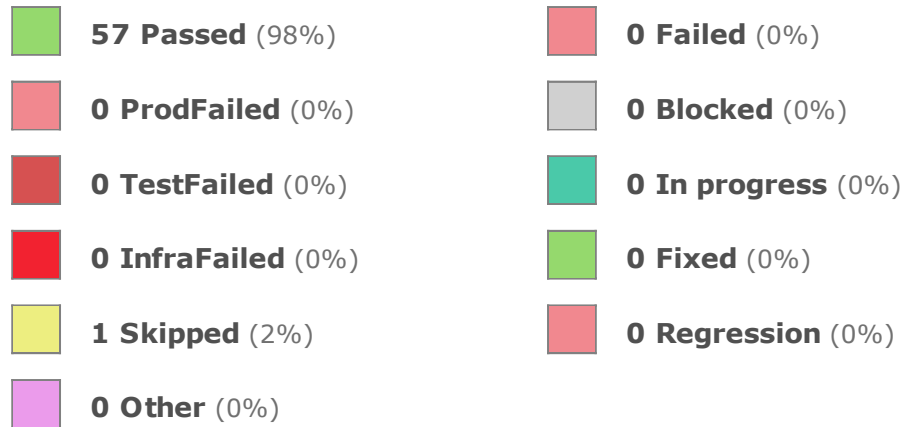
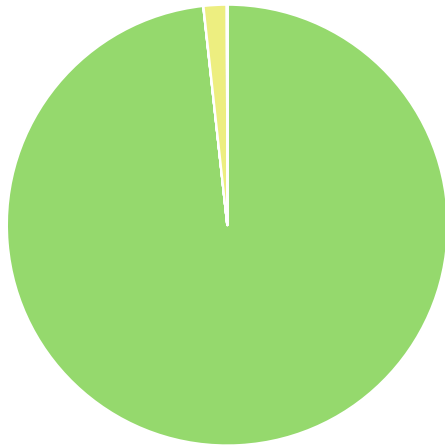


Plan (Summary) 10.10.2016

Project: StackLight

By Vitaly Gusev, 10/10/2016 12:45 PM

Plan: StackLight plugin 0.10.2 9.0 10/04/2016 16:24



98% passed

0 / 58 untested
(0%).

StackLight plugin 0.10.2 9.0 10/04/2016 16:24 tests

Bugs Statistics (generated on Fri Oct 7 09:05:59 2016)

Failed	Blocked	Project	Priority	Status	Bug link	Tests
2	0	LMA-TOOLCHAIN	High	Confirmed	Bug #1621414 "LDAP tests failed with TimeoutException: Message: Timed out waiting for page load"	{deploy_toolchain_with_ldaps_authz on default} {2}
1	0	LMA-TOOLCHAIN	High	Confirmed	Bug #1627740 "Test with network interruption failed with Unable to block network admin: nwfilter not..."	{check_cluster_outage_toolchain on default}
1	0	LMA-TOOLCHAIN	High	Confirmed	Bug #1626037 "Test deploy_toolchain_with_ldap failed with Unable to locate element"	{deploy_toolchain_with_ldap on default}

Milestone

StackLight 1.0

Created On

10/4/2016

Completed

No

Test Runs



network_templates <V 1.0 Tool Chain> (1)

[network_templates <V 1.0 Tool Chain>](#)

100%

detached_plugins <V 1.0 Tool Chain> (1)

[detached_plugins <V 1.0 Tool Chain>](#)

100%

functional <V 1.0 Tool Chain> (1)

[functional <V 1.0 Tool Chain>](#)

100%

alarms <V 1.0 Tool Chain> (1)

[alarms <V 1.0 Tool Chain>](#)

89%

network_configuration <V 1.0 Tool Chain> (1)

[network_configuration <V 1.0 Tool Chain>](#)

100%

dedicated_environment <V 1.0 Tool Chain> (1)

[dedicated_environment <V 1.0 Tool Chain>](#)

100%

prepare_slaves_9_single_tests_full_run <V 1.0 Tool Chain> (1)

prepare_slaves_9_single_tests_full_run <V 1.0 Tool Chain>

100%

ldap <V 1.0 Tool Chain> (1)

ldap <V 1.0 Tool Chain>

100%

failover <V 1.0 Tool Chain> (1)

failover <V 1.0 Tool Chain>

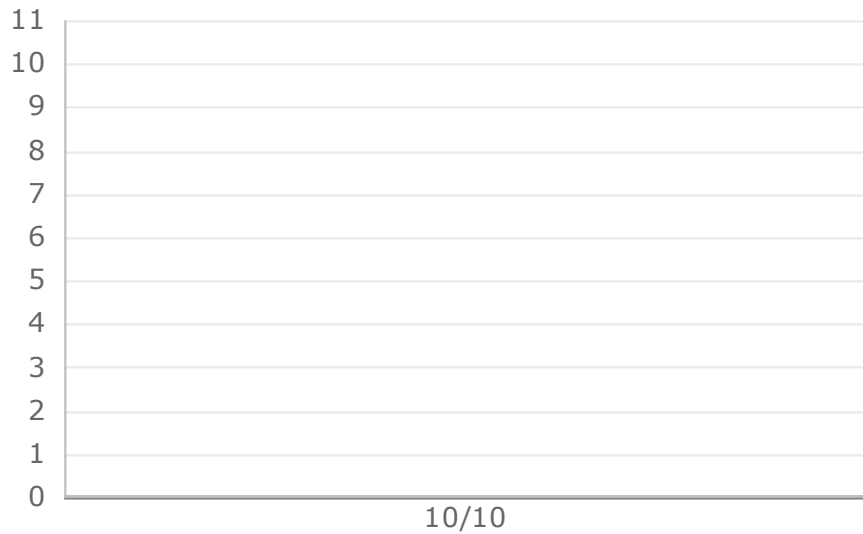
100%

prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain> (1)

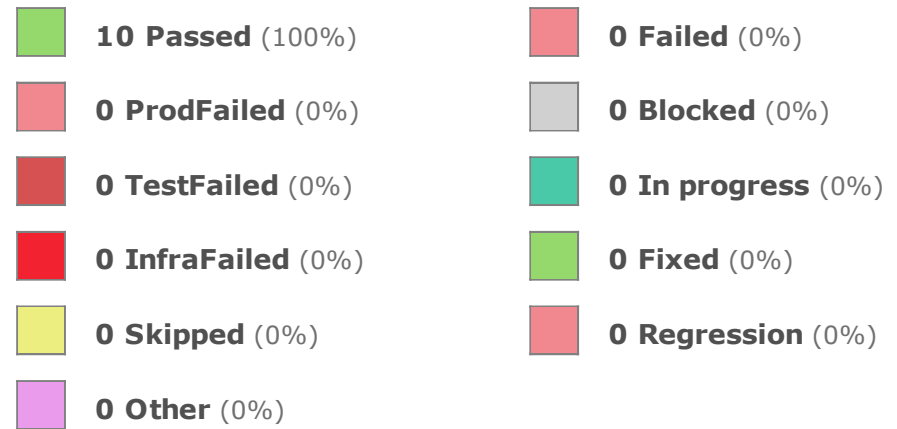
prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain>

100%

Activity



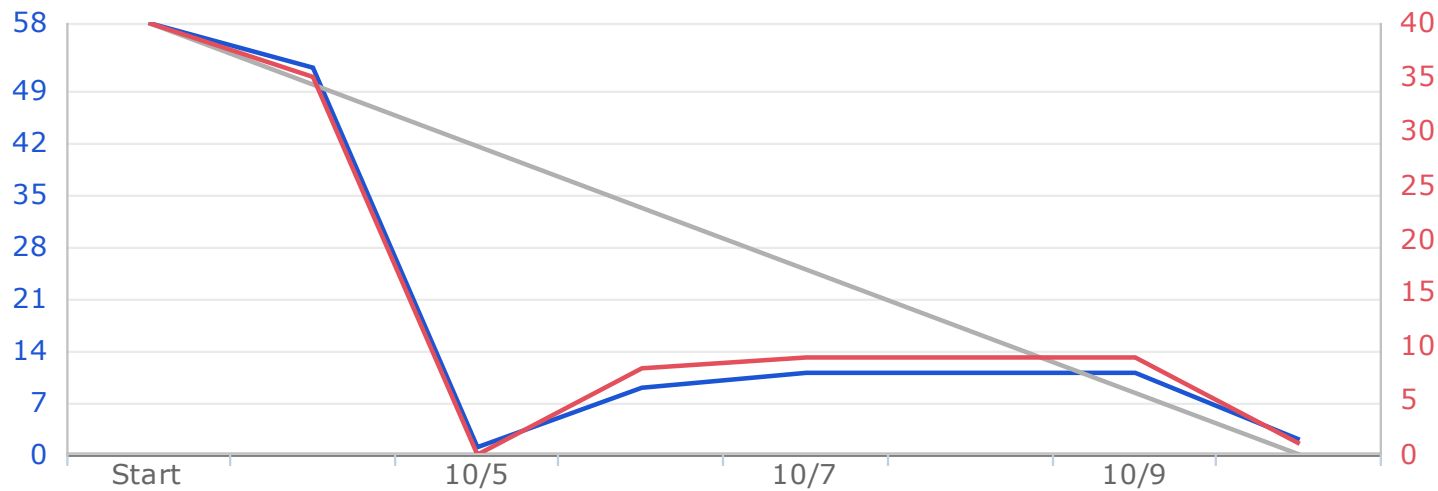
10/10/2016 – 10/10/2016:



Monday, October 10, 2016

Passed	Simulate network interruption in the whole cluster	Tested by V. Gusev
Passed	Deploy the toolchain using LDAPS for authentication and authorization	Tested by V. Gusev
Passed	Deploy the toolchain using LDAP for authentication and authorization	Tested by V. Gusev
Passed	Deploy the toolchain using LDAP for authentication	Tested by V. Gusev
Passed	Deploy plugins with platform components	Tested by V. Gusev
Passed	Add/remove toolchain nodes in existing environment	Tested by V. Gusev
Passed	Add/remove compute nodes in existing environment	Tested by V. Gusev
Passed	Report OpenStack service alerts with critical severity	Tested by V. Gusev
Passed	Report OpenStack service alerts with warning severity	Tested by V. Gusev
Passed	Display and query logs in the Kibana UI	Tested by V. Gusev

Progress



Since 10/4/2016:

- Remaining Tests**
98% of tests completed.
- Remaining Effort**
98% of effort completed.
- Ideal Progress**
0 days to go (forecast).

Forecasts & Estimates



Based on the current activity and forecasts, the projected completion date for this test plan is:

10/10/2016
High accuracy forecast



This test plan was started **6 days ago** (10/4/2016).

Completed: 98% (57/58)
Elapsed: 36h 49m
Tests / day: 9
Hours / day: 6



Metric	By Estimate	By Forecast
Completed	0h 0m	39h 39m
Todo	0h 0m	0h 30m
Total	0h 0m	40h 9m

Test Runs

<input type="checkbox"/> network_templates <V 1.0 Tool Chain>	Forecast for 10/10/2016
<input type="checkbox"/> detached_plugins <V 1.0 Tool Chain>	Forecast for 10/10/2016
<input type="checkbox"/> functional <V 1.0 Tool Chain>	Forecast for 10/10/2016
<input type="checkbox"/> alarms <V 1.0 Tool Chain>	Forecast for 10/11/2016
<input type="checkbox"/> network_configuration <V 1.0 Tool Chain>	Forecast for 10/10/2016
<input type="checkbox"/> dedicated_environment <V 1.0 Tool Chain>	Forecast for 10/10/2016
<input type="checkbox"/> prepare_slaves_9_single_tests_full_run <V 1.0 Tool Chain>	Forecast for 10/10/2016
<input type="checkbox"/> ldap <V 1.0 Tool Chain>	Forecast for 10/10/2016
<input type="checkbox"/> failover <V 1.0 Tool Chain>	Forecast for 10/10/2016

Tests & Results



network_templates <V 1.0 Tool Chain>

Network templates (2)

Tests validating that the StackLight backends can be deployed on a custom network (eg not the management network).

ID	Title	Status
T18133...	Deploy the toolchain using network templates	Passed
T18133...	Deploy the toolchain with the dashboards on the public network	Passed

detached_plugins <V 1.0 Tool Chain>

Detached plugins (2)

Tests validating the StackLight toolchain with the so-called "detached role" plugins such as detached-database and detached-rabbitmq.

ID	Title	Status
T18136...	Deploy an environment with all plugins and detach-database	Passed
T18136...	Deploy an environment with all plugins and detach-rabbitmq	Passed

Post installation (2)

Tests validating that the StackLight toolchain can be deployed in an existing environment.

ID	Title	Status
T18136...	Deploy an environment without the StackLight plugins	Passed
T18136...	Deploy the StackLight plugins in the existing environment	Passed

functional <V 1.0 Tool Chain>

Basic LCM tests (1)

Basic LCM tests combining all the StackLight plugins. The environment doesn't leverage the Fuel Reduced Footprint feature (eg "virt" nodes).

ID	Title	Status
T18140...	Deploy an environment with all the plugins	Passed

Advanced LCM tests (1)

Advanced LCM tests combining all the StackLight plugins. These tests include:

- Scaling up the StackLight clusters.
- Scaling down the StackLight clusters.
- Failover scenarios.

ID	Title	Status
T18140...	Deploy plugins in HA mode	Passed

Functional testing (13)

Tests validating that the StackLight toolchain monitors the environment as expected and that it detects operational faults.

ID	Title	Status
T18140...	Display and query logs in the Kibana UI	Passed
T18140...	Display and query Nova notifications in the Kibana UI	Passed
T18140...	Display and query Glance notifications in the Kibana UI	Passed
T18140...	Display and query Cinder notifications in the Kibana UI	Passed
T18140...	Display and query Heat notifications in the Kibana UI	Passed
T18140...	Display and query Neutron notifications in the Kibana UI	Passed

T18140...	Display and query Keystone notifications in the Kibana UI	Passed
T18140...	Display the dashboards in the Grafana UI	Passed
T18140...	Display the Nova metrics in the Grafana UI	Passed
T18140...	Report OpenStack service alerts with warning severity	Passed
T18140...	Report OpenStack service alerts with critical severity	Passed
T18140...	Report node alerts with warning severity	Passed
T18140...	Report node alerts with critical severity	Passed

alarms <V 1.0 Tool Chain>

Basic LCM tests (1)

Basic LCM tests combining all the StackLight plugins. The environment doesn't leverage the Fuel Reduced Footprint feature (eg "virt" nodes).

ID	Title	Status
T18157...	Deploy an environment with all the plugins	Passed

Advanced LCM tests (1)

Advanced LCM tests combining all the StackLight plugins. These tests include:

- Scaling up the StackLight clusters.
- Scaling down the StackLight clusters.
- Failover scenarios.

ID	Title	Status
T18157...	Deploy plugins in HA mode	Passed

Alarms (7)

Tests validating built-in LMA Collector alarms.

Cases with prefix [Blocked for now] are blocked until the task <https://mirantis.jira.com/browse/PROD-7105> is done.

ID	Title	Status
T18157...	RabbitMQ disk limit	Passed
T18157...	RabbitMQ memory limit	Passed
T18157...	Log FS	Passed
T18157...	Root FS	Passed
T18157...	MYSQL FS	Passed
T18157...	Nova FS	Passed
T18157...	RabbitMQ split-brain conditions	Skipped

network_configuration <V 1.0 Tool Chain>

Neutron features (5)

ID	Title	Status
T18175...	Deploy plugins with Neutron VxLAN	Passed
T18175...	Deploy plugins with DVR and VLAN segmentation	Passed
T18175...	Deploy plugins with DVR and VxLAN segmentation	Passed
T18175...	Deploy plugins with L3 HA and VLAN segmentation	Passed
T18175...	Deploy plugins with L3 HA and VxLAN segmentation	Passed

dedicated_environment <V 1.0 Tool Chain>

Dedicated environments (2)

Basic LCM tests where the Elasticsearch-Kibana and InfluxDB-Grafana plugins are deployed in a separate environment without controller.

This requires the use of the detach-database plugin too.

ID	Title	Status
T18186...	Deploy Elasticsearch/Kibana, InfluxDB/Grafana and detach-database (environment #1)	Passed
T18186...	Deploy the environment #2 using backends from the environment #1	Passed

`prepare_slaves_9_single_tests_full_run <V 1.0 Tool Chain>`

Basic LCM tests (2)

Basic LCM tests combining all the StackLight plugins. The environment doesn't leverage the Fuel Reduced Footprint feature (eg "virt" nodes).

ID	Title	Status
T18209...	Add/remove controller nodes in existing environment	Passed
T18209...	Add/remove compute nodes in existing environment	Passed

Advanced LCM tests (4)

Advanced LCM tests combining all the StackLight plugins. These tests include:

- Scaling up the StackLight clusters.
- Scaling down the StackLight clusters.
- Failover scenarios.

ID	Title	Status
T18209...	Deploy plugins in HA mode	Passed
T18209...	Add/remove toolchain nodes in existing environment	Passed
T18209...	Deploy plugins in HA mode with CEPH backend	Passed
T18209...	Deploy plugins with platform components	Passed

Destructive testing (1)

Tests validating that the StackLight toolchain can handle and recover from failure situations such as network outage, cluster degradation and so on.

ID	Title	Status
T18209...	Simulate network interruption in the whole cluster	Passed

ldap <V 1.0 Tool Chain>

LDAP integration (3)

Tests validating that the StackLight services can be integrated with an external LDAP service for authentication and authorization.

ID	Title	Status
T18221...	Deploy the toolchain using LDAP for authentication	Passed
T18221...	Deploy the toolchain using LDAP for authentication and authorization	Passed
T18221...	Deploy the toolchain using LDAPS for authentication and authorization	Passed

failover <V 1.0 Tool Chain>

Advanced LCM tests (4)

Advanced LCM tests combining all the StackLight plugins. These tests include:

- Scaling up the StackLight clusters.
- Scaling down the StackLight clusters.
- Failover scenarios.

ID	Title	Status
T18239...	Deploy plugins in HA mode	Passed
T18239...	Shutdown InfluxDB node	Passed
T18239...	Shutdown Elasticsearch node	Passed
T18239...	Shutdown infrastructure alerting node	Passed

prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain>

Basic LCM tests (4)

Basic LCM tests combining all the StackLight plugins. The environment doesn't leverage the Fuel Reduced Footprint feature (eg "virt" nodes).

ID	Title	Status
T18239...	Install all the plugins	Passed
T18239...	Deploy an environment with all the plugins	Passed
T18239...	Uninstall the plugins with deployed environment	Passed
T18239...	Uninstall the plugins	Passed

Reduced footprint environment (1)

Basic LCM tests combining all the StackLight plugins. The environment leverages the **Fuel Reduced Footprint** feature.

ID	Title	Status
T18239...	Deploy an environment using virt nodes with all the plugins	Passed

HTTPS (1)

Tests validating that the StackLight services support the HTTPS protocol.

ID	Title	Status
T18239...	Deploy the toolchain with HTTPS support	Passed

Destructive testing (1)

Tests validating that the StackLight toolchain can handle and recover from failure situations such as network outage, cluster degradation and so on.

ID	Title	Status
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Report: Plan (Summary), by Gurock Software (Version 1)