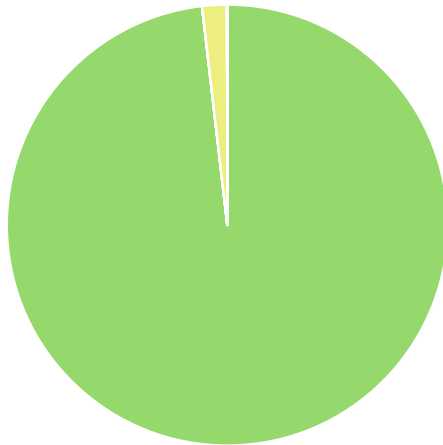


# Plan (Summary) 10.10.2016

Project: StackLight

By Vitaly Gusev, 10/10/2016 12:40 PM

## Plan: StackLight plugin 0.10.2 9.1 #331 10/01/2016 00:16



**54 Passed** (98%)

**0 ProdFailed** (0%)

**0 TestFailed** (0%)

**0 InfraFailed** (0%)

**1 Skipped** (2%)

**0 Other** (0%)

**0 Failed** (0%)

**0 Blocked** (0%)

**0 In progress** (0%)

**0 Fixed** (0%)

**0 Regression** (0%)

# 98% passed

0 / 55 untested  
(0%).

StackLight plugin 1.0 #331 10/01/2016 00:16 tests

### Bugs Statistics (generated on Mon Oct 3 09:20:44 2016)

Failed	Blocked	Project	Priority	Status	Bug link	Tests
4	0	LMA-TOOLCHAIN	High	In Progress	<a href="#">Bug #1627671 "Functional tests with service and node alerts failed due to incorrect attribute"</a>	{toolchain_warning_alert_service on default} {2} {3} {4}
1	0	LMA-TOOLCHAIN	High	New	<a href="#">Bug #1627740 "Test with network interruption failed with Unable to block network admin: nwfilter not..."</a>	{check_cluster_outage_toolchain on default}
1	0	LMA-TOOLCHAIN	Medium	New	<a href="#">Bug #1621140 "2 collectd processes on controller after post installation"</a>	{deploy_toolchain_ha_ceph_backend on default}

Milestone

StackLight 1.0

Created On

10/1/2016

Completed

No

## Test Runs



network\_templates <V 1.0 Tool Chain> (1)

[network\\_templates <V 1.0 Tool Chain>](#)

100%

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%

detached\_plugins <V 1.0 Tool Chain> (1)

[detached\\_plugins <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%

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%

alarms <V 1.0 Tool Chain> (1)

alarms <V 1.0 Tool Chain>

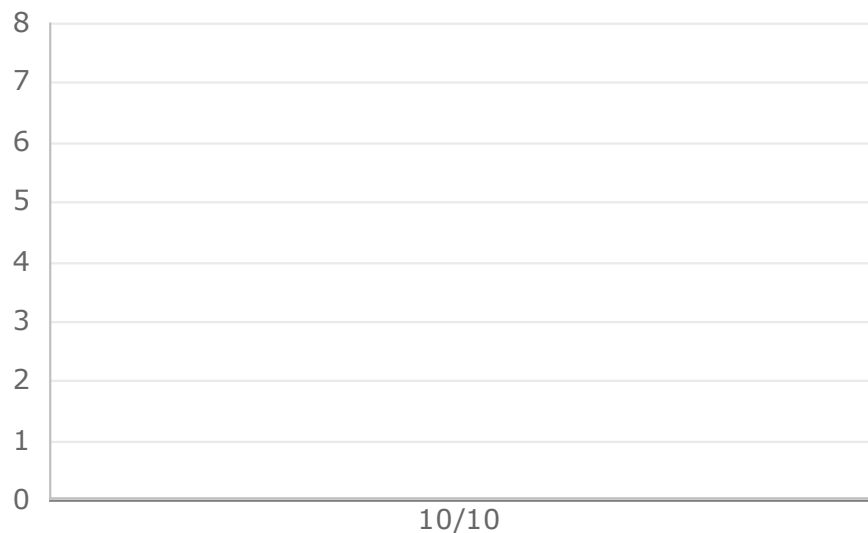
89%

functional <V 1.0 Tool Chain> (1)

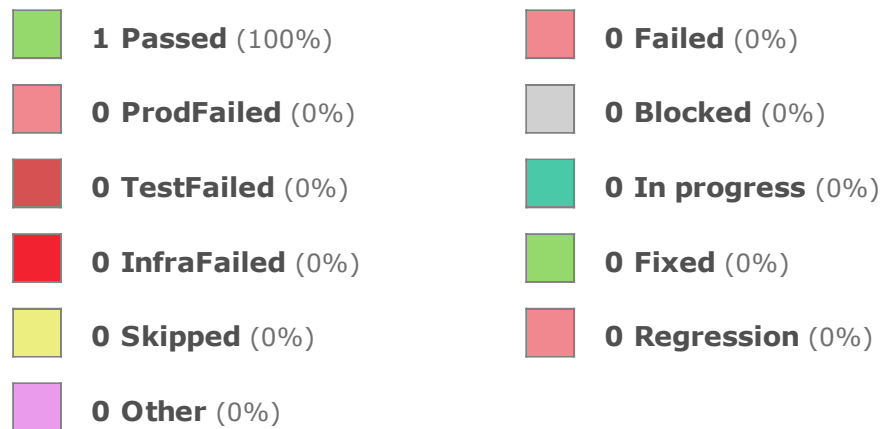
functional <V 1.0 Tool Chain>

100%

### Activity



10/10/2016 - 10/10/2016:



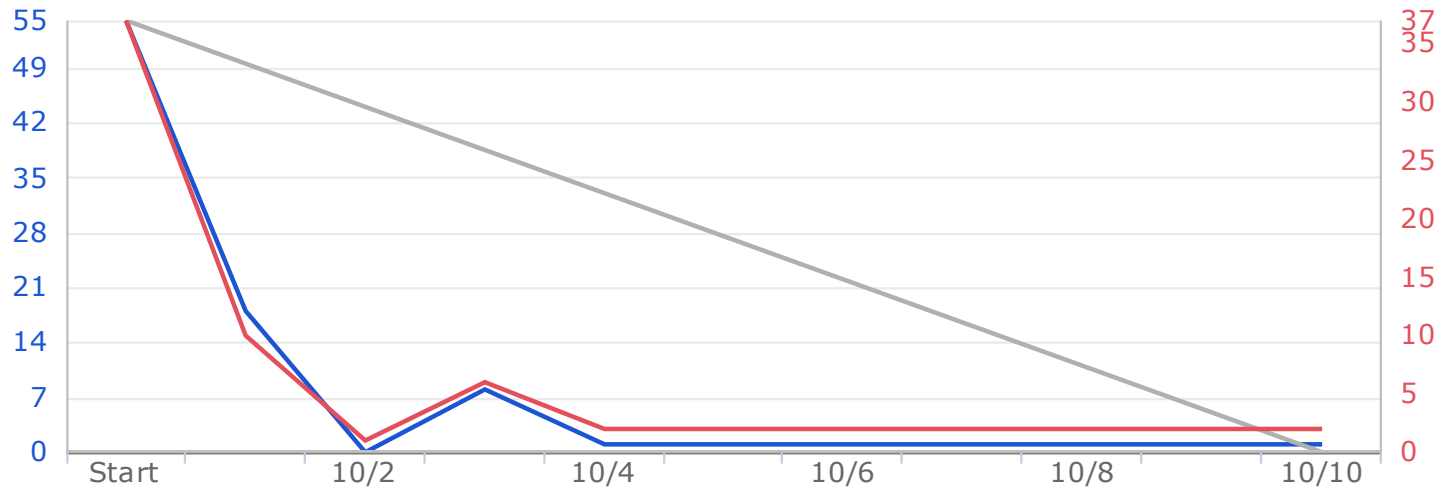
Monday, October 10, 2016

**Passed** Simulate network interruption in the whole cluster

Tested by V. Gusev

### Progress





Since 10/1/2016:

- **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 **1 week ago** (10/1/2016).

Completed: 98% (54/55)  
Elapsed: 33h 49m  
Tests / day: 6  
Hours / day: 4



Metric	By Estimate	By Forecast
Completed	0h 0m	36h 3m
Todo	0h 0m	0h 30m
Total	0h 0m	36h 33m

### Test Runs

network_templates <V 1.0 Tool Chain>	Forecast for 10/10/2016
network_configuration <V 1.0 Tool Chain>	Forecast for 10/10/2016
dedicated_environment <V 1.0 Tool Chain>	Forecast for 10/10/2016
detached_plugins <V 1.0 Tool Chain>	Forecast for 10/10/2016
prepare_slaves_9_single_tests_full_run <V 1.0 Tool Chain>	Forecast for 10/10/2016
failover <V 1.0 Tool Chain>	Forecast for 10/10/2016
prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain>	Forecast for 10/10/2016
alarms <V 1.0 Tool Chain>	Forecast for 10/12/2016
functional <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
T17801...	<a href="#">Deploy the toolchain using network templates</a>	Passed
T17801...	<a href="#">Deploy the toolchain with the dashboards on the public network</a>	Passed

### network\_configuration <V 1.0 Tool Chain>

#### Neutron features (5)

ID	Title	Status
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T17836...	<a href="#">Deploy plugins with Neutron VxLAN</a>	Passed
T17836...	<a href="#">Deploy plugins with DVR and VLAN segmentation</a>	Passed
T17836...	<a href="#">Deploy plugins with DVR and VxLAN segmentation</a>	Passed
T17836...	<a href="#">Deploy plugins with L3 HA and VLAN segmentation</a>	Passed
T17836...	<a href="#">Deploy plugins with L3 HA and VxLAN segmentation</a>	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
T17849...	<a href="#">Deploy Elasticsearch/Kibana, InfluxDB/Grafana and detach-database (environment #1)</a>	Passed
T17849...	<a href="#">Deploy the environment #2 using backends from the environment #1</a>	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
T17863...	<a href="#">Deploy an environment with all plugins and detach-database</a>	Passed
T17863...	<a href="#">Deploy an environment with all plugins and detach-rabbitmq</a>	Passed

#### Post installation (2)

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

ID	Title	Status
T17864...	<a href="#">Deploy an environment without the StackLight plugins</a>	Passed
T17864...	<a href="#">Deploy the StackLight plugins in the existing environment</a>	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
T17864...	<a href="#">Add/remove controller nodes in existing environment</a>	Passed
T17864...	<a href="#">Add/remove compute nodes in existing environment</a>	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
T17864...	<a href="#">Deploy plugins in HA mode</a>	Passed
T17864...	<a href="#">Add/remove toolchain nodes in existing environment</a>	Passed
T17864...	<a href="#">Deploy plugins in HA mode with CEPH backend</a>	Passed
T17864...	<a href="#">Deploy plugins with platform components</a>	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
T17864...	<a href="#">Simulate network interruption in the whole cluster</a>	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
T17864...	<a href="#">Deploy plugins in HA mode</a>	Passed
T17864...	<a href="#">Shutdown InfluxDB node</a>	Passed
T17864...	<a href="#">Shutdown Elasticsearch node</a>	Passed
T17864...	<a href="#">Shutdown infrastructure alerting node</a>	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
T17866...	<a href="#">Install all the plugins</a>	Passed
T17866...	<a href="#">Deploy an environment with all the plugins</a>	Passed
T17866...	<a href="#">Uninstall the plugins with deployed environment</a>	Passed
T17866...	<a href="#">Uninstall the plugins</a>	Passed



## Reduced footprint environment (1)

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

ID	Title	Status
T17866...	<a href="#">Deploy an environment using virt nodes with all the plugins</a>	Passed

## HTTPS (1)

Tests validating that the StackLight services support the HTTPS protocol.

ID	Title	Status
T17866...	<a href="#">Deploy the toolchain with HTTPS support</a>	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
T17866...	<a href="#">Simulate network failure on the analytics node</a>	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
T17866...	<a href="#">Deploy an environment with all the plugins</a>	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
T17866...	<a href="#">Deploy plugins in HA mode</a>	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
T17866...	<a href="#">RabbitMQ disk limit</a>	Passed
T17866...	<a href="#">RabbitMQ memory limit</a>	Passed
T17866...	<a href="#">Log FS</a>	Passed
T17866...	<a href="#">Root FS</a>	Passed
T17866...	<a href="#">MYSQL FS</a>	Passed
T17866...	<a href="#">Nova FS</a>	Passed
T17866...	<a href="#">RabbitMQ split-brain conditions</a>	Skipped

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
T17889...	<a href="#">Deploy an environment with all the plugins</a>	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
T17889...	<a href="#">Deploy plugins in HA mode</a>	Passed

## Functional testing (13)

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

ID	Title	Status
T17889...	<a href="#">Display and query logs in the Kibana UI</a>	Passed
T17889...	<a href="#">Display and query Nova notifications in the Kibana UI</a>	Passed
T17889...	<a href="#">Display and query Glance notifications in the Kibana UI</a>	Passed
T17889...	<a href="#">Display and query Cinder notifications in the Kibana UI</a>	Passed
T17889...	<a href="#">Display and query Heat notifications in the Kibana UI</a>	Passed
T17889...	<a href="#">Display and query Neutron notifications in the Kibana UI</a>	Passed
T17889...	<a href="#">Display and query Keystone notifications in the Kibana UI</a>	Passed
T17889...	<a href="#">Display the dashboards in the Grafana UI</a>	Passed
T17889...	<a href="#">Display the Nova metrics in the Grafana UI</a>	Passed
T17889...	<a href="#">Report OpenStack service alerts with warning severity</a>	Passed
T17889...	<a href="#">Report OpenStack service alerts with critical severity</a>	Passed
T17889...	<a href="#">Report node alerts with warning severity</a>	Passed

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