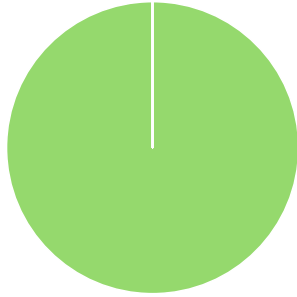


Plan (Summary) 16.12.2016

Project: StackLight
By Vitaly Gusev, 12/16/2016 9:09 AM

Plan: StackLight plugin 0.10.3 11/23/2016 16:24



- 58 Passed (100%)
- 0 Failed (0%)
- 0 ProdFailed (0%)
- 0 Blocked (0%)
- 0 TestFailed (0%)
- 0 In progress (0%)
- 0 InfraFailed (0%)
- 0 Fixed (0%)
- 0 Skipped (0%)
- 0 Regression (0%)
- 0 Other (0%)

100%
passed

0 / 58 untested (0%).

StackLight plugin 0.10.3 11/23/2016 16:24 tests

Milestone	StackLight 0.10
Created On	12/16/2016
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>](#) 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%

[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%

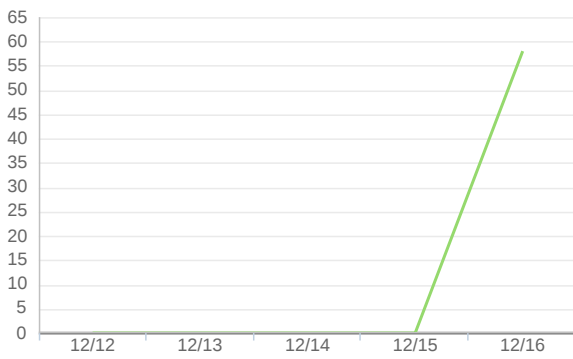
[failover <V 1.0 Tool Chain> \(1\)](#)

[failover <V 1.0 Tool Chain>](#) 100%

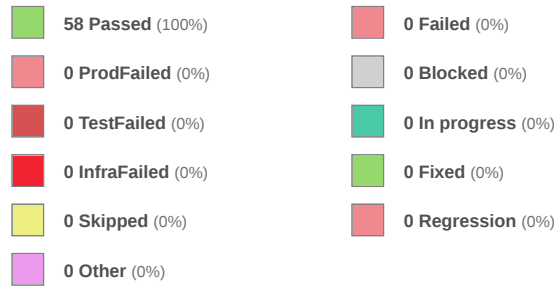
[prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain> \(1\)](#)

[prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain>](#) 100%

Activity



12/12/2016 – 12/16/2016:

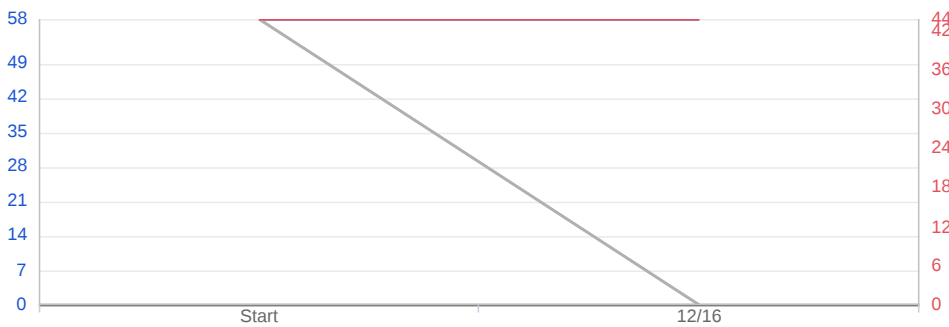


Friday, December 16, 2016

Passed	Simulate network failure on the analytics node	Tested by V. Gusev
Passed	Deploy the toolchain with HTTPS support	Tested by V. Gusev
Passed	Deploy an environment using virt nodes with all the plugins	Tested by V. Gusev
Passed	Uninstall the plugins	Tested by V. Gusev
Passed	Uninstall the plugins with deployed environment	Tested by V. Gusev
Passed	Deploy an environment with all the plugins	Tested by V. Gusev
Passed	Install all the plugins	Tested by V. Gusev
Passed	Deploy plugins in HA mode	Tested by V. Gusev
Passed	Shutdown InfluxDB node	Tested by V. Gusev
Passed	Shutdown Elasticsearch node	Tested by V. Gusev
Passed	Shutdown infrastructure alerting node	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	Add/remove controller nodes in existing environment	Tested by V. Gusev
Passed	Add/remove compute nodes in existing environment	Tested by V. Gusev
Passed	Deploy plugins in HA mode	Tested by V. Gusev
Passed	Add/remove toolchain nodes in existing environment	Tested by V. Gusev
Passed	Deploy plugins in HA mode with CEPH backend	Tested by V. Gusev
Passed	Deploy plugins with platform components	Tested by V. Gusev
Passed	Simulate network interruption in the whole cluster	Tested by V. Gusev
Passed	Deploy Elasticsearch/Kibana, InfluxDB/Grafana and detach-database (environment #1)	Tested by V. Gusev
Passed	Deploy the environment #2 using backends from the environment #1	Tested by V. Gusev
Passed	Deploy plugins with L3 HA and VxLAN segmentation	Tested by V. Gusev
Passed	Deploy plugins with L3 HA and VLAN segmentation	Tested by V. Gusev
Passed	Deploy plugins with DVR and VxLAN segmentation	Tested by V. Gusev
Passed	Deploy plugins with DVR and VLAN segmentation	Tested by V. Gusev
Passed	Deploy plugins with Neutron VxLAN	Tested by V. Gusev
Passed	Deploy plugins in HA mode	Tested by V. Gusev
Passed	RabbitMQ split-brain conditions	Tested by V. Gusev
Passed	Nova FS	Tested by V. Gusev
Passed	Deploy an environment with all the plugins	Tested by V. Gusev
Passed	RabbitMQ disk limit	Tested by V. Gusev
Passed	RabbitMQ memory limit	Tested by V. Gusev

Passed	Log FS	Tested by V. Gusev
Passed	Root FS	Tested by V. Gusev
Passed	MYSQL FS	Tested by V. Gusev
Passed	Display and query Cinder notifications in the Kibana UI	Tested by V. Gusev
Passed	Display and query Glance notifications in the Kibana UI	Tested by V. Gusev
Passed	Display and query Nova notifications in the Kibana UI	Tested by V. Gusev
Passed	Display and query logs in the Kibana UI	Tested by V. Gusev
Passed	Deploy plugins in HA mode	Tested by V. Gusev
Passed	Deploy an environment with all the plugins	Tested by V. Gusev
Passed	Display and query Heat notifications in the Kibana UI	Tested by V. Gusev
Passed	Display and query Neutron notifications in the Kibana UI	Tested by V. Gusev
Passed	Display and query Keystone notifications in the Kibana UI	Tested by V. Gusev
Passed	Report node alerts with critical severity	Tested by V. Gusev
Passed	Report node alerts with warning severity	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 the Nova metrics in the Grafana UI	Tested by V. Gusev
Passed	Display the dashboards in the Grafana UI	Tested by V. Gusev
Passed	Deploy the StackLight plugins in the existing environment	Tested by V. Gusev
Passed	Deploy an environment without the StackLight plugins	Tested by V. Gusev
Passed	Deploy an environment with all plugins and detach-rabbitmq	Tested by V. Gusev
Passed	Deploy an environment with all plugins and detach-database	Tested by V. Gusev
Passed	Deploy the toolchain with the dashboards on the public network	Tested by V. Gusev
Passed	Deploy the toolchain using network templates	Tested by V. Gusev

Progress



Since 12/16/2016:

- Remaining Tests**
100% of tests completed.
- Remaining Effort**
100% 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:

12/16/2016
High accuracy forecast



This test plan was started 3 minutes ago (12/16/2016).

Completed: 100% (58/58)
Elapsed: 0h 0m
Tests / day: 58
Hours / day: 43



Metric	By Estimate	By Forecast
Completed	0h 0m	43h 49m
Todo	0h 0m	0h 0m

Test Runs

 network_templates <V 1.0 Tool Chain>	Forecast for 12/16/2016
 detached_plugins <V 1.0 Tool Chain>	Forecast for 12/16/2016
 functional <V 1.0 Tool Chain>	Forecast for 12/16/2016
 alarms <V 1.0 Tool Chain>	Forecast for 12/16/2016
 network_configuration <V 1.0 Tool Chain>	Forecast for 12/16/2016
 dedicated_environment <V 1.0 Tool Chain>	Forecast for 12/16/2016
 prepare_slaves_9_single_tests_full_run <V 1.0 Tool Chain>	Forecast for 12/16/2016
 ldap <V 1.0 Tool Chain>	Forecast for 12/16/2016
 failover <V 1.0 Tool Chain>	Forecast for 12/16/2016
 prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain>	Forecast for 12/16/2016

Tests & Results

network_templates <V 1.0 Tool Chain>

1. Network templates (2)

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

ID	Title	Status
T24368454	Deploy the toolchain using network templates	Passed
T24368481	Deploy the toolchain with the dashboards on the public network	Passed

detached_plugins <V 1.0 Tool Chain>

1. 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
T24368579	Deploy an environment with all plugins and detach-database	Passed
T24368580	Deploy an environment with all plugins and detach-rabbitmq	Passed

2. Post installation (2)

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

ID	Title	Status
T24368582	Deploy an environment without the StackLight plugins	Passed
T24368583	Deploy the StackLight plugins in the existing environment	Passed

functional <V 1.0 Tool Chain>

1. 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
T24368686	Deploy an environment with all the plugins	Passed

2. 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
T24368694	Deploy plugins in HA mode	Passed

3. Functional testing (13)

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

ID	Title	Status
T24368714	Display and query logs in the Kibana UI	Passed
T24368715	Display and query Nova notifications in the Kibana UI	Passed
T24368716	Display and query Glance notifications in the Kibana UI	Passed
T24368717	Display and query Cinder notifications in the Kibana UI	Passed
T24368718	Display and query Heat notifications in the Kibana UI	Passed
T24368719	Display and query Neutron notifications in the Kibana UI	Passed
T24368720	Display and query Keystone notifications in the Kibana UI	Passed
T24368721	Display the dashboards in the Grafana UI	Passed
T24368722	Display the Nova metrics in the Grafana UI	Passed
T24368723	Report OpenStack service alerts with warning severity	Passed
T24368724	Report OpenStack service alerts with critical severity	Passed
T24368725	Report node alerts with warning severity	Passed
T24368726	Report node alerts with critical severity	Passed

alarms <V 1.0 Tool Chain>

1. 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
T24368813	Deploy an environment with all the plugins	Passed

2. 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
T24368821	Deploy plugins in HA mode	Passed

3. 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
T24368869	RabbitMQ disk limit	Passed
T24368870	RabbitMQ memory limit	Passed
T24368873	Log FS	Passed
T24368874	Root FS	Passed
T24368875	MYSQL FS	Passed
T24368876	Nova FS	Passed
T24368896	RabbitMQ split-brain conditions	Passed

network_configuration <V 1.0 Tool Chain>

1. Neutron features (5)

ID	Title	Status
T24368984	Deploy plugins with Neutron VxLAN	Passed
T24368985	Deploy plugins with DVR and VLAN segmentation	Passed
T24368986	Deploy plugins with DVR and VxLAN segmentation	Passed
T24368987	Deploy plugins with L3 HA and VLAN segmentation	Passed
T24368988	Deploy plugins with L3 HA and VxLAN segmentation	Passed

dedicated_environment <V 1.0 Tool Chain>

1. 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
T24369083	Deploy Elasticsearch/Kibana, InfluxDB/Grafana and detach-database (environment #1)	Passed
T24369084	Deploy the environment #2 using backends from the environment #1	Passed

prepare_slaves_9_single_tests_full_run <V 1.0 Tool Chain>

1. 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
T24369195	Add/remove controller nodes in existing environment	Passed
T24369196	Add/remove compute nodes in existing environment	Passed

2. 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
T24369202	Deploy plugins in HA mode	Passed
T24369203	Add/remove toolchain nodes in existing environment	Passed
T24369207	Deploy plugins in HA mode with CEPH backend	Passed
T24369208	Deploy plugins with platform components	Passed

3. 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
T24369213	Simulate network interruption in the whole cluster	Passed

ldap <V 1.0 Tool Chain>

1. LDAP integration (3)

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

ID	Title	Status
T24369346	Deploy the toolchain using LDAP for authentication	Passed
T24369347	Deploy the toolchain using LDAP for authentication and authorization	Passed
T24369348	Deploy the toolchain using LDAPS for authentication and authorization	Passed

failover <V 1.0 Tool Chain>

1. 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
T24369456	Deploy plugins in HA mode	Passed
T24369458	Shutdown InfluxDB node	Passed
T24369459	Shutdown Elasticsearch node	Passed
T24369460	Shutdown infrastructure alerting node	Passed

prepare_slaves_3_single_tests_full_run <V 1.0 Tool Chain>

1. 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
T24369574	Install all the plugins	Passed
T24369575	Deploy an environment with all the plugins	Passed
T24369578	Uninstall the plugins with deployed environment	Passed
T24369579	Uninstall the plugins	Passed

2. Reduced footprint environment (1)

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

ID	Title	Status
T24369590	Deploy an environment using virt nodes with all the plugins	Passed

3. HTTPS (1)

Tests validating that the StackLight services support the HTTPS protocol.

ID	Title	Status
T24369618	Deploy the toolchain with HTTPS support	Passed

4. 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
T24369593	Simulate network failure on the analytics node	Passed