

Created On	1/25/2017
Completed	No

Passed	ProdFailed	TestFailed	InfraFailed	Skipped
100% (34/34)	0% (0/34)	0% (0/34)	0% (0/34)	0% (0/34)
Other	Failed	Blocked	Untested	In progress
0% (0/34)	0% (0/34)	0% (0/34)	0% (0/34)	0% (0/34)
Fixed	Regression			
0% (0/34)	0% (0/34)			

## 1. Deployment

### 1.1. Basic LCM tests

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

ID	Title	Assigned To	Launchpad bug All	Status
T27675222	Install all the plugins			Passed
T27675223	Deploy an environment with all the plugins			Passed
T27675224	Add/remove controller nodes in existing environment			Passed
T27675225	Add/remove compute nodes in existing environment			Passed
T27675226	Uninstall the plugins with deployed environment			Passed
T27675227	Uninstall the plugins			Passed
T27675228	Run fuel-createmirror and deploy environment			Passed
T27675229	Fuel-createmirror and setup of core repos			Passed

### 1.2. Advanced LCM tests

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	Assigned To	Launchpad bug All	Status
T27675247	Deploy plugins in HA mode			Passed

T27675248	Add/remove InfluxDB nodes in existing environment	Passed
T27675249	Add/remove Elasticsearch nodes in existing environment	Passed
T27675250	Add/remove infrastructure alerting nodes in existing environment	Passed
T27675251	Shutdown InfluxDB node	Passed
T27675252	Shutdown Elasticsearch node	Passed
T27675253	Shutdown infrastructure alerting node	Passed
T27675267	Deploy plugins in HA mode with CEPH backend	Passed
T27675268	Deploy plugins with platform components	Passed

## 2. Functional testing

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

ID	Title	Assigned To	Launchpad bug All	Status
T27675231	Display and query logs in the Kibana UI			Passed
T27675232	Display and query Nova notifications in the Kibana UI			Passed
T27675233	Display and query Glance notifications in the Kibana UI			Passed
T27675234	Display and query Cinder notifications in the Kibana UI			Passed
T27675235	Display and query Heat notifications in the Kibana UI			Passed
T27675236	Display and query Neutron notifications in the Kibana UI			Passed
T27675237	Display and query Keystone notifications in the Kibana UI			Passed
T27675238	Display the dashboards in the Grafana UI			Passed
T27675239	Display the Nova metrics in the Grafana UI			Passed
T27675240	Report OpenStack service alerts with warning severity			Passed
T27675241	Report OpenStack service alerts with critical severity			Passed
T27675242	Report node alerts with warning severity			Passed
T27675243	Report node alerts with critical severity			Passed
T27675244	Restart services during workload			Passed
T27675259	Test SMTP notifications with LMA			Passed

### 3. Destructive testing

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

<b>ID</b>	<b>Title</b>	<b>Assigned To</b>	<b>Launchpad bug All</b>	<b>Status</b>
T27675254	Simulate network failure on the analytics node			Passed
T27675255	Simulate network interruption in the whole cluster			Passed

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