

# Test Report for the Calico Fuel Plugin ver 1.0.0

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## Revision history

<b>Version</b>	<b>Revision date</b>	<b>Editor</b>	<b>Comment</b>
1.0	23.01.2015	Irina Povolotskaya (ipovolotskaya@mirantis.com)	Created the template structure.
2.0	15.06.2015	Emma Gordon (emma@projectcalico.org)	Wrote the test report.
3.0	02.05.2015	Emma Gordon (emma@projectcalico.org)	Updated the test report with the results of the new mandatory tests for all fuel plugins.
4.0	03.08.2015	Emma Gordon (emma@projectcalico.org)	Updated with new test cases.

## Document purpose

This document provides test run results for the Calico Fuel Plugin version 1.0.0 on Mirantis OpenStack 6.1.

## Test environment

As described in the test plan.

## Test coverage and metrics

*Test Coverage – 100%*

*Tests Passed – 100%*

*Tests Failed – 0%*

## Test results summary

### Type of testing

System Testing

Parameter	Value
Total quantity of executed test cases	13
Total quantity of not executed test cases	0
Quantity of automated test cases	0
Quantity of not automated test cases	13

### Detailed test run results

#	Test case ID	Passed	Failed	Skipped	Comment
1	Build Plugin	✓			
2	Install Plugin	✓			
3	Verify Calico option in Fuel web UI	✓			

4	Deploy OpenStack with Calico	✓			
5	Verify BGP Sessions	✓			
6	Create VMs	✓			
7	Test connectivity	✓			
8	Test security	✓			
9	Test initial route reflector configuration	✓			
10	Test route reflector configuration changes	✓			Note that when a compute node is deleted, the BGP peer config for it is removed the next time that a node is added to the deployment. This is expected.
11	Modifying env with enabled plugin (removing/adding compute nodes)	✓			
12	Uninstall of plugin with deployed environment	✓			
13	Uninstall of plugin	✓			
Total		13	0	0	
Total, %		100	0	0	

## Known issues

When a compute node is removed from the deployment, the BIRD instance on the controller will have a disconnected BGP session to said compute node until the next time that a node (of any type) is added to the deployment. This is due to <https://bugs.launchpad.net/fuel/+bug/1475363>.