# Test Report for ScaleIO-Cinder-1.0.0 Fuel Plugin

[Test Report for ScaleIO-Cinder-1.0.0 Fuel Plugin](#h.9sjw9gygbth8)

[Revision history](#h.6rt6kxi0q67o)

[Document purpose](#h.3sbvhprmokrg)

[Test environment](#h.u6oeahaeh3zs)

[Test coverage and metrics](#h.lr24jarn4yao)

[Test results summary](#h.tcowayga1k58)

[Type of testing](#h.pjm32sdwbyv2)

[Coverage of features](#h.s49niammmceo)

[Detailed test run results](#h.th04ucjkq318)

[Known issues](#h.wrhcjt7r1m7y)

# Revision history

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Revision date** | **Editor** | **Comment** |
| 1.0 | 11.13.2015 | Magdy Salem  (magdy.salem@emc.com) | Created test report v1 |
|  |  |  |  |
|  |  |  |  |

# 

# 

# Document purpose

This document provides test run results for *system test* of ScaleIO-Cinder-1.0.0 Fuel Plugin on Mirantis OpenStack *6.1*

# Test environment

*The test environment was as following*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***VM#*** | ***Description*** | ***CPU/VM*** | ***RAM/VM*** | ***HD/VM*** | ***OS*** |
| *3* | *ScaleIO Cluster* | *2* | *4GB* | *50 GB OS/100GB Data* | *RH 7.0* |
| *1* | *Fuel Master* | *2* | *4GB* | *100 GB OS* | *CentOS 6.5* |
| *3* | *Controller fuel slave nodes* | *4* | *8GB* | *3X68 GB OS* | *CentOS 6.5* |
| *2* | *Compute fuel slave nodes* | *4* | *8GB* | *3X68 GB OS* | *CentOS 6.5* |
| *2* | *Cinder fuel slave nodes* | *2* | *4GB* | *3x68 GB OS* | *CentOS 6.5* |

## Test coverage and metrics

ScaleIO-Cinder-1.0.0 fuel plugin system testing process had Test Coverage = 100%

# Test results summary

The ScaleIO-Cinder-1.0.0 plugin has the following system test

*1-*.Install Plugin and Deploy Env

2- Modify Env With Plugin by Remove and Add Controller node.

3- Modify Env With Plugin by Remove and Add Compute node.

4- Uninstall Pugin With Deployed Env.

5- Uninstall Plugin.

# Type of testing

### Coverage of features

|  |  |
| --- | --- |
| **Parameter** | **Value** |
| Total quantity of executed test cases | 5 use cases |
| Total quantity of not executed test cases | 0 use cases |
| Quantity of automated test cases | 0 use cases |
| Quantity of not automated test cases | 5 use cases |

### Detailed test run results

*Provide detailed information for test runs.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **#** | **Test case ID** | **Passed** | **Failed** | **Skipped** | **Comment** |
| 1 | Install Plugin and Deploy Env | ✓ |  |  |  |
| 2 | Modify Env With Plugin by Remove and Add Controller node | ✓ |  |  |  |
| 3 | Modify Env With Plugin by Remove and Add Compute node. | ✓ |  |  |  |
|  | Uninstall Pugin With Deployed Env | ✓ |  |  |  |
|  | Uninstall Plugin. | ✓ |  |  |  |
| Total |  | 5 |  |  |  |
| Total % |  | 100% |  |  |  |

## Known issues

*No known issues*

# Appendix

* [EMC ScaleIO](http://www.emc.com/storage/scaleio/index.htm)
* [Mirantis Fuel](https://www.mirantis.com/products/openstack-drivers-and-plugins/fuel-plugins/)