Test Report for EMC VNX Fuel Plugin version: 1.0.0
tag: 1.0.0

Revision history

Version	Revision date	Editor	Comment
1.0	23.01.2015	Irina Povolotskaya <ipovolotskaya@mirantis.com>	Created the template structure.
1.1	26.06.2015	Dmitry Kalashnik <dkalashnik@mirantis.com>	Add to report data with test results against MOS 6.1
1.2	02.07.2015	Dmitry Kalashnik <dkalashnik@mirantis.com>	Add debug logs of test runs for functional and robustness
1.3	07.07.2015	Dmitry Kalashink <dkalashnik@mirantis.com>	Add separate sections for different types of tests

Document purpose

This document provides test run results for system tests of EMC VNX Fuel Plugin 1.0.0 on Mirantis OpenStack 6.1.

Test environment

Mirantis OpenStack 6.1, plugin 1.0.0

Lab description

Name	Ericsson HW lab, HP gen9, x8
CPU(s)	48
Model name	Intel(R) Xeon(R) CPU E5-2680 v3
Cpu frequency	2.50GHz
Cache size	30720 KB
RAM	128 GB

Test results summary

System testing

Coverage of features

Parameter	Value
Total quantity of executed test cases	5
Total quantity of not executed test cases	0
Quantity of automated test cases	1
Quantity of not automated test cases	4

Detailed test run results

#	Test case name	OS	Pass	Fail	Skip	Comment

1.1	deploy_emc_ha	CentOS/ neutron/ vlan	✓			
1.2	deploy_emc_ha	Ubuntu/ neutron/ vlan	✓			
2	deploy_emc_ha_remove_add_contr oller	Ubuntu	✓			Manual
3	deploy_emc_ha_remove_add_comp ute	Ubuntu	✓			Manual
4	deploy_emc_ha_uninstall_plugin_ with_env	Ubuntu	✓			Manual
5	install_uninstall_emc_plugin	-	✓			Manual
Total			5	0	0	
Total , %			100	0	0	

Functional testing

Coverage of features

Parameter	Value
Total quantity of executed test cases	9
Total quantity of not executed test cases	0
Quantity of automated test cases	9
Quantity of not automated test cases	0

Detailed test run results

#	Test case name	OS	Pass	Fail	Skip	Comment

1	check_availability_of_management_addresses	Ubuntu	✓			
2	check_availability_of_all_paths	Ubuntu	✓			
3	rebuild_vm_with_miltiple_volumes	Ubuntu	✓			
4	migrate_vm_with_multiple_volumes	Ubuntu	✓			
5	test_volume_data_transition	Ubuntu	✓			
6	boot_vm_with_block_device_opt	Ubuntu	✓			
7	parallel_volume_attachment	Ubuntu	✓			
8	parallel_volume_from_image_creation	Ubuntu	✓			
9	parallel_image_from_volume_creation	Ubuntu	✓			
Total			9	0	0	
Total, %			100	0	0	

Non-functional testing

Coverage of features

Parameter	Value
Total quantity of executed test cases	1
Total quantity of not executed test cases	0
Quantity of automated test cases	1
Quantity of not automated test cases	0

#	Test case name	OS	Pass	Fail	Skip	Comment
1	cinder_volume_failover	Ubuntu	✓			
Total			1	0	0	
Total, %			100	0	0	

Tempest testing

Coverage of features

Parameter	Value
Total quantity of executed test cases	122
Total quantity of not executed test cases	0
Quantity of automated test cases	122
Quantity of not automated test cases	0

Detailed test run results

#	Test case name	OS	Pass	Fail	Skip	Comment
1	tempest_volumes	Ubuntu	122	2		Two failed are deprecated for 6.1
Total			122	2	0	
Total, %			98,4	1,6	0	

Known issues
No

Logs

#	Title
1	[Jenkins job. deploy_emc_ha.ubuntu](#)
2	[Jenkins job. deploy_emc_ha.centos](#)
3	EMC functional, [jenkins view](#), [xml](#), [log](#)
4	EMC destructive, [jenkins view](#), [xml](#)
5	Tempest volumes: [jenkins view](#), [xml](#)