



# FuncTest test results

*Release brahmaputra.3.0 (41850cb)*

**OPNFV**

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## FUNCTEST TEST RESULT DOCUMENT OVERVIEW

Functest project is described in Functest user guide. The user guide details the different test cases as well as the possible errors. A developer guide and a configuration guide are also available.

Functest is run systematically at the end of an OPNFV fresh installation. All the runnable tests are run sequentially. The installer and the scenario are considered to evaluate whether the test case can be run or not. That is why all the number of test cases may vary from 1 installer to another and from 1 scenario to another.

The list of scenario supported by installer can be described as follows:

Scenario	Apex	Compass	Fuel	Joid
odl_l2	X	X	X	X
onos		X		
nosdn		X	X	
ovs (dpdk)			X	

The matrix below details the Functest runnable tests versus the installer and the scenario:

Test cases	Apex	Compass	Fuel	Joid
vPing SSH	all	all	all	all
vPing userdata	all except ONOS	all except ONOS	all except ONOS	all except ONOS
Tempest	all	all	all	all
Rally	all	all	all	all
ODL	all ODL	all ODL	all ODL	all ODL
ONOS	ONOS	ONOS	ONOS	ONOS
Promise	no	no	all	all
vIMS	all except ONOS	all except ONOS	all except ONOS	all except ONOS
Doctor	all	no	no	no

all means that the test case is run on all the scenarios related to the installer.

**Functest results from continuous integration can be found in:**

- jenkins logs: <https://build.opnfv.org/ci/view/functest/>
- artifacts <http://artifacts.opnfv.org/>, it includes the tempest logs and the

Rally html pages



## ADDITIONAL TEST RESULT ASSESTS AND INFORMATION

**The Functest deals with 2 dashboards:**

- The [Test Dashboard](#) provides an overview of all the projects
- The [Functest Dashboard](#) dedicated to Functest real-time test results
  - is used to provide a quick overview of the different testcases according to installer and scenario.





## RESULTS LISTED BY SCENARIO

The following sections describe the functest results as evaluated for the Brahmaputra release scenario validation runs. Each section describes the determined state of the specific scenario as deployed in the Brahmaputra release process.

To qualify for release the scenarios must have deployed and been successfully tested in four consecutive installations to establish stability of deployment and feature capability

### 3.1 Detailed test results for compass-os-nosdn-nofeature-ha

### 3.2 VIM

#### 3.2.1 vping\_ssh

```
FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64'...
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-23 04:35:47'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=193891f9-6644-4668-9ac4-bd9336610a99
  network=999caa31-8f28-4737-aa6e-3981e28a7e55

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=193891f9-6644-4668-9ac4-bd9336610a99
  network=999caa31-8f28-4737-aa6e-3981e28a7e55

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '192.168.10.101'
vPing_ssh- INFO - Associating floating ip: '192.168.10.101' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 192.168.10.101...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'43.2' s.
```

```
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK
```

### 3.2.2 vping\_userdata

```
FUNCTEST.info: Running vPing-userdata test...
vPing_userdata- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-2
vPing_userdata- INFO - Creating neutron network vping-net...
vPing_userdata- INFO - Creating security group 'vPing-sg'...
vPing_userdata- INFO - Flavor found 'm1.small'
vPing_userdata- INFO - vPing Start Time:'2016-02-23 04:36:44'
vPing_userdata- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=53004632-aa69-4868-8234-2ef945681fcd
  network=bf5529b1-1cb7-4ea6-93b8-5ff436c5ed3c

vPing_userdata- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_userdata- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=53004632-aa69-4868-8234-2ef945681fcd
  network=bf5529b1-1cb7-4ea6-93b8-5ff436c5ed3c
  userdata=
#!/bin/sh

while true; do
  ping -c 1 192.168.130.3 2>&1 >/dev/null
  RES=$?
  if [ "Z$RES" = "Z0" ] ; then
    echo 'vPing OK'
    break
  else
    echo 'vPing KO'
  fi
  sleep 1
done

vPing_userdata- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_userdata- INFO - Waiting for ping...
vPing_userdata- INFO - vPing detected!
vPing_userdata- INFO - vPing duration:'24.4'
vPing_userdata- INFO - vPing OK
vPing_userdata- INFO - Cleaning up...
vPing_userdata- INFO - Deleting network 'vping-net'...
```

### 3.2.3 Tempest

```
FUNCTEST.info: Running Tempest tests...
run_tempest - INFO - Creating tenant and user for Tempest suite
2016-02-23 04:37:19.865 23855 INFO rally.verifikation.tempest.tempest [-] Starting: Creating configur
2016-02-23 04:37:24.332 23855 INFO rally.verifikation.tempest.tempest [-] Completed: Creating configur

run_tempest - INFO - Starting Tempest test suite: '--tests-file /home/opnfv/repos/functest/testcases
Total results of verification:
```



```
| tempest.api.compute.servers.test_list_server_filters.ListServerFiltersTestJSON.test_list_servers_f
| tempest.api.compute.servers.test_list_server_filters.ListServerFiltersTestJSON.test_list_servers_f
| tempest.api.compute.servers.test_list_server_filters.ListServerFiltersTestJSON.test_list_servers_f
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_list_servers_negative.ListServersNegativeTestJSON.test_list_server
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_change_server_password
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_get_console_output
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_lock_unlock_server
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_reboot_server_hard
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_reboot_server_soft
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_rebuild_server
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_confirm
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_revert
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_stop_start_server
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_delete_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_get_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_list_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_update_server_metadata
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_server_with_admin_password
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_specify_keypair
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_with_existing_server_name
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_access_server_address
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_numeric_serv
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_metada
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_a_server_of_a
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_get_non_existent_ser
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_invalid_ip_v6_address
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_se
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_e
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_an
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_er
```

```

| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_alt_user_tena
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_serv
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_serv
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
| tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_pass
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
| tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete
| tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
| tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixe
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_float
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_with_no_securitygroups

```

```
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_list_security_groups
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basicops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-2304:37:25.793306', 'duration': 261, 'tests': 2}
run_tempest - INFO - Pushing results to DB: 'http://testresults.opnfv.org/testapi/results'.
run_tempest - INFO - Deleting tenant and user for Tempest suite)
```

### 3.2.4 Rally

```
FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...
```

FuncTest test results, Release brahmaputra.3.0 (41850cb)

```

run_rally - INFO -
  Preparing input task
  Task d78a7e66-b2a5-42de-ac0c-cc6145aaa77a: started
Task d78a7e66-b2a5-42de-ac0c-cc6145aaa77a: finished

test scenario Authenticate.validate_glance
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.122 | 0.136  | 0.153  | 0.155  | 0.158  | 0.138  | 100.0% | 10    |
| authenticate.validate_glance (2)    | 0.039 | 0.045  | 0.056  | 0.06   | 0.064  | 0.047  | 100.0% | 10    |
| total                                | 0.227 | 0.264  | 0.28   | 0.283  | 0.285  | 0.26   | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.795955181122
Full duration: 2.89371585846

test scenario Authenticate.keystone
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| total  | 0.064 | 0.077  | 0.097  | 0.114  | 0.131  | 0.081  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.246862888336
Full duration: 2.44218397141

test scenario Authenticate.validate_heat
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_heat           | 0.127 | 0.151  | 0.186  | 0.195  | 0.205  | 0.157  | 100.0% | 10    |
| authenticate.validate_heat (2)      | 0.026 | 0.09   | 0.113  | 0.133  | 0.153  | 0.08   | 100.0% | 10    |
| total                                | 0.228 | 0.319  | 0.383  | 0.402  | 0.422  | 0.321  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.963713884354
Full duration: 3.11927700043

test scenario Authenticate.validate_nova
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_nova           | 0.104 | 0.122  | 0.133  | 0.139  | 0.144  | 0.121  | 100.0% | 10    |
| authenticate.validate_nova (2)      | 0.028 | 0.031  | 0.04   | 0.041  | 0.042  | 0.034  | 100.0% | 10    |
| total                                | 0.2   | 0.243  | 0.249  | 0.256  | 0.263  | 0.235  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.704430103302
Full duration: 2.78888607025

test scenario Authenticate.validate_cinder
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_cinder	0.102	0.117	0.131	0.139	0.147	0.119	100.0%	10
authenticate.validate_cinder (2)	0.019	0.076	0.083	0.085	0.087	0.071	100.0%	10
total	0.229	0.263	0.304	0.317	0.331	0.269	100.0%	10
Load duration: 0.82511305809								
Full duration: 2.97128987312								
test scenario Authenticate.validate_neutron								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_neutron	0.111	0.12	0.134	0.135	0.135	0.123	100.0%	10
authenticate.validate_neutron (2)	0.03	0.086	0.104	0.104	0.104	0.084	100.0%	10
total	0.22	0.28	0.307	0.31	0.312	0.278	100.0%	10
Load duration: 0.855668067932								
Full duration: 3.13501811028								
run_rally - INFO - Test scenario: "authenticate" OK.								
run_rally - INFO - Starting test scenario "glance" ...								
run_rally - INFO -								
Preparing input task								
Task 3234c959-6176-4a4f-adf4-50f3f3083d67: started								
Task 3234c959-6176-4a4f-adf4-50f3f3083d67: finished								
test scenario GlanceImages.list_images								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.list_images	0.189	0.215	0.246	0.252	0.258	0.218	100.0%	10
total	0.189	0.215	0.246	0.252	0.258	0.218	100.0%	10
Load duration: 0.649740934372								
Full duration: 3.67985486984								
test scenario GlanceImages.create_image_and_boot_instances								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	2.782	3.177	3.617	3.638	3.659	3.198	100.0%	10
nova.boot_servers	9.48	13.931	17.26	17.274	17.287	13.824	100.0%	10
total	12.296	16.956	20.848	20.857	20.866	17.022	100.0%	10
Load duration: 49.9618289471								
Full duration: 73.9044458866								
test scenario GlanceImages.create_and_list_image								
Response Times (sec)								



FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	2.779	3.406	3.655	3.673	3.692	3.306	100.0%	10
glance.list_images	0.039	0.046	0.048	0.049	0.049	0.045	100.0%	10
total	2.82	3.453	3.703	3.722	3.741	3.351	100.0%	10

Load duration: 9.77695393562  
Full duration: 14.4172940254

test scenario GlanceImages.create\_and\_delete\_image

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	2.788	3.69	3.785	3.83	3.876	3.489	100.0%	10
glance.delete_image	0.129	0.146	0.203	0.239	0.275	0.166	100.0%	10
total	2.933	3.884	3.951	3.986	4.02	3.655	100.0%	10

Load duration: 10.762845993  
Full duration: 13.6261451244

run\_rally - INFO - Test scenario: "glance" OK.  
run\_rally - INFO - Starting test scenario "cinder" ...  
run\_rally - INFO -  
  Preparing input task  
  Task 21cb74f0-6bd9-44e3-aff3-99085ad0525f: started  
  Task 21cb74f0-6bd9-44e3-aff3-99085ad0525f: finished

test scenario CinderVolumes.create\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	7.723	10.184	13.839	13.936	14.032	10.913	100.0%	10
cinder.create_volume	2.731	2.833	2.935	3.005	3.076	2.847	100.0%	10
nova.attach_volume	7.613	7.977	8.755	9.542	10.33	8.197	100.0%	10
nova.detach_volume	3.034	3.429	5.352	5.414	5.476	4.052	100.0%	10
cinder.delete_volume	2.44	2.495	2.591	2.6	2.609	2.503	100.0%	10
nova.delete_server	2.423	2.508	2.823	3.661	4.499	2.704	100.0%	10
total	28.081	29.986	35.858	36.584	37.309	31.218	100.0%	10

Load duration: 93.1938638687  
Full duration: 105.67930007

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.887	5.424	5.581	5.636	5.69	4.98	100.0%	10
cinder.list_volumes	0.079	0.157	0.177	0.182	0.186	0.147	100.0%	10
total	2.966	5.594	5.745	5.781	5.817	5.127	100.0%	10

Load duration: 14.3176538944

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Full duration: 25.6212191582

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.813	2.965	3.036	3.048	3.059	2.962	100.0%	10	
cinder.list_volumes	0.08	0.127	0.142	0.161	0.18	0.128	100.0%	10	
total	2.893	3.093	3.178	3.209	3.239	3.09	100.0%	10	

Load duration: 9.30827403069

Full duration: 19.9378697872

test scenario CinderVolumes.create\_and\_list\_snapshots

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_snapshot	2.438	2.526	2.593	2.593	2.593	2.528	100.0%	10	
cinder.list_snapshots	0.018	0.088	0.099	0.104	0.109	0.083	100.0%	10	
total	2.523	2.613	2.683	2.687	2.692	2.611	100.0%	10	

Load duration: 7.79824590683

Full duration: 31.6265990734

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.891	3.012	3.068	3.069	3.069	2.987	100.0%	10	
cinder.delete_volume	2.505	2.583	2.686	2.713	2.739	2.598	100.0%	10	
total	5.445	5.6	5.697	5.7	5.703	5.586	100.0%	10	

Load duration: 16.8130619526

Full duration: 23.3862919807

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.06	5.419	5.676	5.725	5.774	4.793	100.0%	10	
cinder.delete_volume	2.457	2.536	2.613	2.63	2.648	2.548	100.0%	10	
total	5.557	7.997	8.239	8.276	8.313	7.341	100.0%	10	

Load duration: 21.6966080666

Full duration: 28.6927661896

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)									
----------------------	--	--	--	--	--	--	--	--	--

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.819	2.943	3.235	3.249	3.264	3.001	100.0%	10
cinder.delete_volume	2.545	2.581	2.665	2.684	2.702	2.603	100.0%	10
total	5.375	5.546	5.826	5.896	5.966	5.604	100.0%	10

Load duration: 16.8036949635  
Full duration: 23.085185051

test scenario CinderVolumes.create\_and\_upload\_volume\_to\_image

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.833	3.116	3.438	3.496	3.553	3.134	100.0%	10	
cinder.upload_volume_to_image	25.838	62.678	78.019	78.434	78.85	55.7	100.0%	10	
cinder.delete_volume	2.358	2.511	2.619	2.684	2.749	2.531	100.0%	10	
nova.delete_image	0.221	0.371	3.025	13.33	23.635	2.707	100.0%	10	
total	31.573	68.573	83.845	84.418	84.99	64.072	100.0%	10	

Load duration: 182.231485128  
Full duration: 189.13320303

test scenario CinderVolumes.create\_and\_delete\_snapshot

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_snapshot	2.43	2.545	2.599	2.6	2.602	2.539	100.0%	10	
cinder.delete_snapshot	2.326	2.495	2.611	2.675	2.739	2.493	100.0%	10	
total	4.887	5.04	5.173	5.186	5.199	5.032	100.0%	10	

Load duration: 14.9942228794  
Full duration: 33.8261451721

test scenario CinderVolumes.create\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.829	2.973	3.402	3.412	3.422	3.063	100.0%	10	
total	2.829	2.973	3.403	3.412	3.422	3.063	100.0%	10	

Load duration: 9.0781109333  
Full duration: 18.1423990726

test scenario CinderVolumes.create\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.85	2.939	2.978	2.984	2.99	2.932	100.0%	10	
total	2.85	2.94	2.978	2.984	2.99	2.932	100.0%	10	

Load duration: 8.73497700691									
Full duration: 19.4855289459									
test scenario CinderVolumes.list_volumes									
-----									
Response Times (sec)									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
action   min   median   90%ile   95%ile   max   avg   success   count									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
cinder.list_volumes   0.211   0.266   0.312   0.327   0.342   0.274   100.0%   10									
total   0.211   0.266   0.312   0.327   0.342   0.275   100.0%   10									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
Load duration: 0.827063083649									
Full duration: 47.6483559608									
test scenario CinderVolumes.create_nested_snapshots_and_attach_volume									
-----									
Response Times (sec)									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
action   min   median   90%ile   95%ile   max   avg   success   count									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
cinder.create_volume   2.852   3.009   3.091   3.106   3.122   3.005   100.0%   10									
cinder.create_snapshot   2.321   2.392   2.404   2.404   2.405   2.377   100.0%   10									
nova.attach_volume   5.473   7.981   11.399   12.215   13.031   8.96   100.0%   10									
nova.detach_volume   3.035   5.168   5.603   5.772   5.941   4.587   100.0%   10									
cinder.delete_snapshot   2.209   2.347   2.41   2.417   2.424   2.349   100.0%   10									
cinder.delete_volume   2.412   2.494   2.582   2.616   2.65   2.508   100.0%   10									
total   21.417   23.884   26.577   26.903   27.228   24.098   100.0%   10									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
Load duration: 70.9750390053									
Full duration: 126.263324976									
test scenario CinderVolumes.create_from_volume_and_delete_volume									
-----									
Response Times (sec)									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
action   min   median   90%ile   95%ile   max   avg   success   count									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
cinder.create_volume   9.872   12.204   17.525   19.351   21.177   13.167   100.0%   10									
cinder.delete_volume   2.325   2.554   2.928   3.924   4.92   2.779   100.0%   10									
total   12.426   14.781   20.202   21.897   23.592   15.947   100.0%   10									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
Load duration: 43.4407100677									
Full duration: 62.327357769									
test scenario CinderVolumes.create_and_extend_volume									
-----									
Response Times (sec)									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
action   min   median   90%ile   95%ile   max   avg   success   count									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
cinder.create_volume   2.858   2.94   3.074   3.087   3.1   2.956   100.0%   10									
cinder.extend_volume   2.572   2.848   2.884   2.919   2.954   2.8   100.0%   10									
cinder.delete_volume   2.433   2.567   2.67   2.693   2.716   2.567   100.0%   10									
total   7.982   8.292   8.558   8.616   8.674   8.323   100.0%   10									
----- ----- ----- ----- ----- ----- ----- ----- ----- -----									
Load duration: 24.9033889771									
Full duration: 31.5932898521									

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.882	2.947	3.229	3.231	3.233	3.005	100.0%	10
cinder.create_snapshot	2.268	2.345	2.421	2.456	2.491	2.36	100.0%	10
nova.attach_volume	7.593	8.071	12.707	13.727	14.747	9.373	100.0%	10
nova.detach_volume	2.962	5.331	5.412	5.491	5.57	5.076	100.0%	10
cinder.delete_snapshot	2.185	2.286	2.366	2.374	2.381	2.298	100.0%	10
cinder.delete_volume	2.425	2.524	2.593	2.61	2.627	2.52	100.0%	10
total	21.713	23.963	28.368	29.657	30.947	24.974	100.0%	10

Load duration: 73.7474370003

Full duration: 132.963656902

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.739	2.89	3.033	3.058	3.084	2.914	100.0%	10
cinder.create_snapshot	2.247	2.401	2.466	2.485	2.503	2.388	100.0%	10
nova.attach_volume	7.882	8.891	10.439	11.312	12.186	9.222	100.0%	10
nova.detach_volume	2.94	5.373	5.635	5.661	5.687	4.764	100.0%	10
cinder.delete_snapshot	2.283	2.332	2.481	2.585	2.688	2.381	100.0%	10
cinder.delete_volume	2.425	2.495	2.547	2.558	2.569	2.489	100.0%	10
total	21.386	24.555	26.13	26.247	26.365	24.746	100.0%	10

Load duration: 76.0001449585

Full duration: 139.533368111

```
run_rally - INFO - Test scenario: "cinder" OK.
run_rally - INFO - Starting test scenario "heat" ...
run_rally - INFO -
  Preparing input task
  Task 7d1551b5-51d4-480b-816d-571bc61773ac: started
  Task 7d1551b5-51d4-480b-816d-571bc61773ac: finished
```

test scenario HeatStacks.create\_suspend\_resume\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.896	3.025	3.297	3.342	3.386	3.075	100.0%	10
heat.suspend_stack	0.444	1.622	1.791	1.817	1.844	1.332	100.0%	10
heat.resume_stack	1.365	1.657	1.701	1.755	1.809	1.598	100.0%	10
heat.delete_stack	0.499	1.531	1.644	1.655	1.665	1.451	100.0%	10
total	5.782	7.652	8.146	8.28	8.414	7.455	100.0%	10

Load duration: 21.9193868637

Full duration: 25.3411290646

test scenario HeatStacks.create\_and\_delete\_stack

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	3.023	3.144	3.331	3.531	3.73	3.206	100.0%	10	
heat.delete_stack	0.437	0.646	1.617	1.676	1.734	0.972	100.0%	10	
total	3.54	3.767	4.914	5.114	5.314	4.178	100.0%	10	
Load duration: 12.2326231003									
Full duration: 15.3595271111									
test scenario HeatStacks.create_and_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	14.933	16.348	17.828	18.321	18.813	16.471	100.0%	10	
heat.delete_stack	6.665	8.038	8.335	8.772	9.208	7.711	100.0%	10	
total	22.386	24.346	25.661	25.74	25.818	24.182	100.0%	10	
Load duration: 72.8466770649									
Full duration: 76.0618572235									
test scenario HeatStacks.create_and_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	16.663	19.357	20.553	21.32	22.088	19.17	100.0%	10	
heat.delete_stack	9.144	9.269	10.036	10.227	10.417	9.461	100.0%	10	
total	25.982	28.953	30.462	30.847	31.232	28.631	100.0%	10	
Load duration: 84.6888990402									
Full duration: 88.1814341545									
test scenario HeatStacks.list_stacks_and_resources									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.list_stacks	0.219	0.246	0.383	0.4	0.417	0.287	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.219	0.246	0.383	0.4	0.418	0.287	100.0%	10	
Load duration: 0.863615989685									
Full duration: 3.55412602425									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	2.866	3.102	3.266	3.29	3.314	3.097	100.0%	10	
heat.update_stack	2.641	3.637	3.803	3.813	3.822	3.497	100.0%	10	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

heat.delete_stack	1.394	1.515	1.651	1.666	1.681	1.534	100.0%	10	
total	7.247	8.255	8.454	8.543	8.631	8.127	100.0%	10	
-----									
Load duration: 24.2989928722									
Full duration: 27.7337241173									
test scenario HeatStacks.create_update_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	2.799	3.033	3.19	3.306	3.422	3.046	100.0%	10	
heat.update_stack	2.509	3.732	3.845	3.847	3.849	3.321	100.0%	10	
heat.delete_stack	1.302	1.538	1.641	1.733	1.824	1.542	100.0%	10	
total	7.14	8.084	8.351	8.371	8.39	7.909	100.0%	10	
-----									
Load duration: 23.4465420246									
Full duration: 27.0243220329									
test scenario HeatStacks.create_update_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	2.894	3.127	3.22	3.399	3.579	3.129	100.0%	10	
heat.update_stack	4.739	5.169	6.092	6.105	6.119	5.309	100.0%	10	
heat.delete_stack	1.422	1.839	2.562	2.565	2.567	1.989	100.0%	10	
total	9.674	10.622	10.9	10.921	10.941	10.427	100.0%	10	
-----									
Load duration: 30.9374701977									
Full duration: 34.6409509182									
test scenario HeatStacks.create_update_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
total	n/a	n/a	n/a	n/a	n/a	n/a	0.0%	5	
-----									
Load duration: 6.25441002846									
Full duration: 14.2524240017									
test scenario HeatStacks.create_update_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	2.776	3.256	3.502	3.878	4.255	3.292	100.0%	10	
heat.update_stack	4.632	4.964	5.353	5.818	6.284	5.076	100.0%	10	
heat.delete_stack	1.439	2.134	2.645	2.668	2.691	2.088	100.0%	10	
total	9.373	10.496	11.129	11.584	12.039	10.455	100.0%	10	
-----									
Load duration: 31.1429200172									
Full duration: 34.8937320709									

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.804	3.071	3.166	3.186	3.206	3.026	100.0%	10
heat.update_stack	2.737	3.748	4.018	4.043	4.068	3.617	100.0%	10
heat.delete_stack	1.31	1.555	1.823	1.832	1.841	1.569	100.0%	10
total	7.424	8.294	8.696	8.74	8.783	8.212	100.0%	10

Load duration: 24.5028841496  
Full duration: 28.3026170731

test scenario HeatStacks.create\_and\_list\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.956	3.13	3.324	3.341	3.359	3.141	100.0%	10
heat.list_stacks	0.033	0.168	0.248	0.276	0.304	0.14	100.0%	10
total	3.124	3.262	3.41	3.453	3.497	3.281	100.0%	10

Load duration: 10.0396568775  
Full duration: 17.6087501049

test scenario HeatStacks.create\_check\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.922	3.155	3.412	3.413	3.415	3.159	100.0%	10
heat.check_stack	0.418	0.518	1.02	1.361	1.702	0.701	100.0%	10
heat.delete_stack	0.687	1.665	1.773	1.786	1.799	1.56	100.0%	10
total	4.445	5.362	5.863	6.138	6.413	5.42	100.0%	10

Load duration: 16.1680779457  
Full duration: 20.0481300354

run\_rally - INFO - Test scenario: "heat" Failed.  
run\_rally - INFO - Starting test scenario "keystone" ...  
run\_rally - INFO -  
  Preparing input task  
  Task 5cfc1b63-088e-4840-a525-13064451e8d6: started  
  Task 5cfc1b63-088e-4840-a525-13064451e8d6: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.105	0.119	0.16	0.16	0.161	0.125	100.0%	10
keystone.create_users	0.592	0.653	0.694	0.719	0.744	0.657	100.0%	10
total	0.706	0.77	0.844	0.874	0.905	0.782	100.0%	10



**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Load duration: 2.32407808304  
Full duration: 12.4144320488

test scenario KeystoneBasic.create\_add\_and\_list\_user\_roles

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_role	0.116	0.119	0.144	0.149	0.154	0.125	100.0%	10	
keystone.add_role	0.088	0.099	0.107	0.107	0.107	0.099	100.0%	10	
keystone.list_roles	0.054	0.058	0.095	0.097	0.1	0.067	100.0%	10	
total	0.27	0.28	0.345	0.35	0.355	0.292	100.0%	10	

Load duration: 0.863723993301  
Full duration: 6.29958295822

test scenario KeystoneBasic.add\_and\_remove\_user\_role

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_role	0.121	0.217	0.274	0.281	0.288	0.2	100.0%	10	
keystone.add_role	0.089	0.092	0.098	0.098	0.099	0.093	100.0%	10	
keystone.remove_role	0.058	0.061	0.156	0.161	0.167	0.081	100.0%	10	
total	0.274	0.371	0.497	0.517	0.537	0.373	100.0%	10	

Load duration: 1.090020895  
Full duration: 6.37877011299

test scenario KeystoneBasic.create\_update\_and\_delete\_tenant

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.123	0.223	0.286	0.291	0.296	0.209	100.0%	10	
keystone.update_tenant	0.052	0.056	0.065	0.066	0.068	0.057	100.0%	10	
keystone.delete_tenant	0.125	0.135	0.286	0.307	0.327	0.18	100.0%	10	
total	0.302	0.416	0.63	0.632	0.634	0.446	100.0%	10	

Load duration: 1.29043102264  
Full duration: 5.07875084877

test scenario KeystoneBasic.create\_and\_delete\_service

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_service	0.109	0.123	0.128	0.132	0.135	0.122	100.0%	10	
keystone.delete_service	0.059	0.07	0.121	0.128	0.134	0.079	100.0%	10	
total	0.174	0.196	0.234	0.245	0.255	0.201	100.0%	10	

Load duration: 0.603389024734  
Full duration: 4.27351093292

test scenario KeystoneBasic.create_tenant									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_tenant	0.118	0.133	0.186	0.187	0.188	0.142	100.0%	10	
total	0.118	0.133	0.186	0.187	0.188	0.142	100.0%	10	
-----									
Load duration: 0.428766012192									
Full duration: 4.18886899948									
test scenario KeystoneBasic.create_user									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_user	0.137	0.138	0.145	0.145	0.146	0.14	100.0%	10	
total	0.137	0.138	0.145	0.145	0.146	0.14	100.0%	10	
-----									
Load duration: 0.443462133408									
Full duration: 4.19236207008									
test scenario KeystoneBasic.create_and_list_tenants									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_tenant	0.111	0.117	0.165	0.178	0.191	0.132	100.0%	10	
keystone.list_tenants	0.046	0.055	0.065	0.066	0.067	0.055	100.0%	10	
total	0.163	0.179	0.214	0.231	0.247	0.187	100.0%	10	
-----									
Load duration: 0.561487913132									
Full duration: 5.7246799469									
test scenario KeystoneBasic.create_and_delete_role									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_role	0.12	0.232	0.282	0.289	0.296	0.206	100.0%	10	
keystone.delete_role	0.104	0.117	0.133	0.169	0.206	0.124	100.0%	10	
total	0.239	0.342	0.401	0.452	0.502	0.33	100.0%	10	
-----									
Load duration: 0.990566015244									
Full duration: 4.97686004639									
test scenario KeystoneBasic.get_entities									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_tenant	0.106	0.133	0.16	0.174	0.187	0.139	100.0%	10	
keystone.create_user	0.058	0.066	0.07	0.071	0.071	0.065	100.0%	10	
-----									

FuncTest test results, Release brahmaputra.3.0 (41850cb)

keystone.create_role	0.046	0.053	0.07	0.086	0.103	0.059	100.0%	10	
keystone.get_tenant	0.044	0.048	0.055	0.076	0.098	0.053	100.0%	10	
keystone.get_user	0.051	0.057	0.063	0.063	0.063	0.057	100.0%	10	
keystone.get_role	0.044	0.047	0.055	0.056	0.058	0.049	100.0%	10	
keystone.service_list	0.045	0.049	0.06	0.081	0.101	0.054	100.0%	10	
keystone.get_service	0.043	0.049	0.062	0.079	0.097	0.053	100.0%	10	
total	0.475	0.518	0.577	0.6	0.622	0.529	100.0%	10	
-----									
Load duration: 1.58831310272									
Full duration: 9.76444888115									
test scenario KeystoneBasic.create_and_list_users									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_user	0.13	0.145	0.177	0.195	0.213	0.152	100.0%	10	
keystone.list_users	0.052	0.055	0.08	0.093	0.106	0.062	100.0%	10	
total	0.183	0.2	0.269	0.274	0.279	0.214	100.0%	10	
-----									
Load duration: 0.642003059387									
Full duration: 4.59805297852									
run_rally - INFO - Test scenario: "keystone" OK.									
run_rally - INFO - Starting test scenario "neutron" ...									
run_rally - INFO -									
Preparing input task									
Task aa890d07-7f64-4bf2-9cc1-adb8d5a95c9e: started									
Task aa890d07-7f64-4bf2-9cc1-adb8d5a95c9e: finished									
test scenario NeutronNetworks.create_and_delete_ports									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
neutron.create_port	0.42	0.516	0.669	0.677	0.684	0.538	100.0%	10	
neutron.delete_port	0.149	0.287	0.338	0.344	0.349	0.274	100.0%	10	
total	0.65	0.787	0.989	0.992	0.996	0.812	100.0%	10	
-----									
Load duration: 2.28342914581									
Full duration: 25.3548538685									
test scenario NeutronNetworks.create_and_list_routers									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
neutron.create_subnet	0.389	0.492	0.542	0.564	0.587	0.479	100.0%	10	
neutron.create_router	0.034	0.165	0.179	0.18	0.181	0.118	100.0%	10	
neutron.add_interface_router	0.273	0.398	0.459	0.475	0.492	0.378	100.0%	10	
neutron.list_routers	0.042	0.111	0.208	0.214	0.219	0.12	100.0%	10	
total	0.873	1.083	1.266	1.32	1.373	1.095	100.0%	10	
-----									
Load duration: 3.14495706558									
Full duration: 27.2623529434									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

```

test scenario NeutronNetworks.create_and_delete_routers
+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.421 | 0.528  | 0.576  | 0.593  | 0.609 | 0.516 | 100.0% | 10    |
| neutron.create_router                 | 0.037 | 0.174  | 0.193  | 0.194  | 0.196 | 0.138 | 100.0% | 10    |
| neutron.add_interface_router          | 0.372 | 0.44   | 0.726  | 0.729  | 0.732 | 0.499 | 100.0% | 10    |
| neutron.remove_interface_router       | 0.231 | 0.385  | 0.445  | 0.495  | 0.545 | 0.365 | 100.0% | 10    |
| neutron.delete_router                 | 0.155 | 0.243  | 0.363  | 0.374  | 0.385 | 0.257 | 100.0% | 10    |
| total                                 | 1.492 | 1.722  | 2.126  | 2.135  | 2.145 | 1.776 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 5.06723308563
Full duration: 27.7173280716

test scenario NeutronNetworks.create_and_list_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_port                  | 0.429 | 0.479  | 0.682  | 0.709  | 0.736 | 0.518 | 100.0% | 10    |
| neutron.list_ports                   | 0.101 | 0.302  | 0.368  | 0.377  | 0.386 | 0.267 | 100.0% | 10    |
| total                                 | 0.565 | 0.819  | 0.9    | 0.971  | 1.042 | 0.785 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.22692918777
Full duration: 25.9097590446

test scenario NeutronNetworks.create_and_delete_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.383 | 0.414  | 0.558  | 0.562  | 0.565 | 0.439 | 100.0% | 10    |
| neutron.delete_subnet                | 0.134 | 0.271  | 0.307  | 0.34   | 0.372 | 0.235 | 100.0% | 10    |
| total                                 | 0.522 | 0.677  | 0.872  | 0.901  | 0.93  | 0.674 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.97971510887
Full duration: 24.8733260632

test scenario NeutronNetworks.create_and_delete_networks
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_network               | 0.3    | 0.32   | 0.403  | 0.407  | 0.411 | 0.338 | 100.0% | 10    |
| neutron.delete_network               | 0.107 | 0.248  | 0.316  | 0.32   | 0.325 | 0.228 | 100.0% | 10    |
| total                                 | 0.411 | 0.556  | 0.697  | 0.698  | 0.699 | 0.566 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.71673607826
Full duration: 13.4693968296

test scenario NeutronNetworks.create_and_list_networks
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.279	0.326	0.389	0.406	0.423	0.334	100.0%	10
neutron.list_networks	0.043	0.11	0.18	0.187	0.194	0.112	100.0%	10
total	0.328	0.437	0.564	0.59	0.617	0.446	100.0%	10

Load duration: 1.4160130024  
Full duration: 15.1821639538

test scenario NeutronNetworks.create\_and\_update\_routers

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.401	0.436	0.454	0.473	0.492	0.433	100.0%	10	
neutron.create_router	0.035	0.175	0.181	0.186	0.191	0.123	100.0%	10	
neutron.add_interface_router	0.293	0.416	0.46	0.461	0.461	0.401	100.0%	10	
neutron.update_router	0.131	0.215	0.311	0.331	0.35	0.219	100.0%	10	
total	1.012	1.171	1.336	1.359	1.381	1.176	100.0%	10	

Load duration: 3.52523398399  
Full duration: 28.7934508324

test scenario NeutronNetworks.create\_and\_update\_networks

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.299	0.338	0.397	0.408	0.418	0.346	100.0%	10	
neutron.update_network	0.095	0.24	0.297	0.299	0.302	0.202	100.0%	10	
total	0.41	0.543	0.699	0.707	0.714	0.549	100.0%	10	

Load duration: 1.61482715607  
Full duration: 15.459831953

test scenario NeutronNetworks.create\_and\_update\_ports

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.436	0.465	0.588	0.595	0.601	0.487	100.0%	10	
neutron.update_port	0.114	0.282	0.317	0.326	0.335	0.255	100.0%	10	
total	0.576	0.751	0.862	0.899	0.936	0.742	100.0%	10	

Load duration: 2.15260481834  
Full duration: 25.8613479137

test scenario NeutronNetworks.create\_and\_list\_subnets

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.4	0.495	0.538	0.551	0.564	0.483	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

neutron.list_subnets	0.065	0.217	0.28	0.319	0.357	0.22	100.0%	10
total	0.563	0.718	0.793	0.798	0.802	0.703	100.0%	10

Load duration: 2.06506896019

Full duration: 25.971654892

test scenario NeutronNetworks.create\_and\_update\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.398	0.465	0.543	0.564	0.584	0.475	100.0%	10
neutron.update_subnet	0.152	0.178	0.348	0.366	0.383	0.234	100.0%	10
total	0.557	0.693	0.85	0.867	0.883	0.709	100.0%	10

Load duration: 2.06711506844

Full duration: 25.9731898308

```
run_rally - INFO - Test scenario: "neutron" OK.
run_rally - INFO - Starting test scenario "nova" ...
run_rally - INFO -
  Preparing input task
  Task 84ecab73-326c-41f9-9d80-ffb7b41c7f0d: started
  Task 84ecab73-326c-41f9-9d80-ffb7b41c7f0d: finished
```

test scenario NovaKeypair.create\_and\_delete\_keypair

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.374	0.484	0.667	0.672	0.678	0.503	100.0%	10
nova.delete_keypair	0.016	0.021	0.025	0.027	0.028	0.021	100.0%	10
total	0.399	0.51	0.687	0.692	0.698	0.524	100.0%	10

Load duration: 1.59278798103

Full duration: 15.4121351242

test scenario NovaServers.snapshot\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	9.938	10.314	11.977	12.384	12.791	10.711	100.0%	10
nova.create_image	33.802	39.898	69.264	70.135	71.005	45.583	100.0%	10
nova.delete_server	2.408	2.848	3.266	4.121	4.975	2.967	100.0%	10
nova.boot_server (2)	19.438	33.013	43.809	46.043	48.276	33.839	100.0%	10
nova.delete_server (2)	2.395	2.453	4.821	4.891	4.961	3.009	100.0%	10
nova.delete_image	0.264	0.373	0.749	1.036	1.323	0.484	100.0%	10
total	70.267	96.724	117.768	118.599	119.43	96.593	100.0%	10

Load duration: 280.300797939

Full duration: 304.846863985

test scenario NovaKeypair.boot\_and\_delete\_server\_with\_keypair

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.406	0.458	0.533	0.575	0.616	0.474	100.0%	10
nova.boot_server	8.324	10.158	11.335	11.766	12.197	10.115	100.0%	10
nova.delete_server	2.382	2.425	2.618	2.621	2.625	2.456	100.0%	10
nova.delete_keypair	0.014	0.019	0.028	0.029	0.029	0.02	100.0%	10
total	11.352	13.038	14.228	14.667	15.107	13.066	100.0%	10

Load duration: 39.3250300884  
Full duration: 62.0274989605

test scenario NovaKeypair.create\_and\_list\_keypairs

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.389	0.483	0.646	0.673	0.701	0.503	100.0%	10
nova.list_keypairs	0.013	0.018	0.021	0.024	0.027	0.018	100.0%	10
total	0.405	0.504	0.659	0.688	0.716	0.521	100.0%	10

Load duration: 1.55672502518  
Full duration: 16.8414058685

test scenario NovaServers.list\_servers

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.list_servers	0.604	0.661	0.751	0.753	0.755	0.667	100.0%	10
total	0.604	0.661	0.751	0.753	0.755	0.667	100.0%	10

Load duration: 1.98178386688  
Full duration: 66.4639019966

test scenario NovaServers.resize\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.516	10.952	12.492	12.717	12.943	11.085	100.0%	10
nova.resize	21.055	26.446	42.177	42.263	42.349	29.612	100.0%	10
nova.resize_confirm	2.392	2.451	2.573	2.592	2.611	2.47	100.0%	10
nova.delete_server	2.375	2.427	2.595	2.673	2.751	2.475	100.0%	10
total	34.884	42.48	59.742	59.88	60.019	45.642	100.0%	10

Load duration: 133.771182775  
Full duration: 147.319270134

test scenario NovaServers.boot\_server\_from\_volume\_and\_delete

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

cinder.create_volume	3.421	5.82	6.128	6.151	6.173	5.197	100.0%	10
nova.boot_server	13.462	15.116	17.314	17.513	17.711	15.217	100.0%	10
nova.delete_server	4.532	4.689	6.776	6.8	6.823	5.275	100.0%	10
total	21.563	26.332	28.183	28.315	28.446	25.689	100.0%	10
Load duration: 76.1264929771								
Full duration: 105.501106024								
test scenario NovaServers.boot_and_migrate_server								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.668	10.279	12.669	12.746	12.824	10.808	100.0%	10
nova.stop_server	4.695	14.48	15.73	15.737	15.745	11.929	100.0%	10
nova.migrate	16.259	18.003	25.275	25.347	25.419	19.085	100.0%	10
nova.resize_confirm	2.394	2.416	2.564	2.604	2.644	2.46	100.0%	10
nova.delete_server	2.383	2.408	2.55	2.58	2.61	2.448	100.0%	10
total	35.744	47.034	56.397	57.427	58.457	46.73	100.0%	10
Load duration: 131.940564156								
Full duration: 145.82509613								
test scenario NovaServers.boot_and_delete_server								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.359	10.277	11.312	11.367	11.422	10.063	100.0%	10
nova.delete_server	2.388	2.607	4.826	4.853	4.881	3.21	100.0%	10
total	11.023	12.798	15.929	16.116	16.303	13.273	100.0%	10
Load duration: 39.1904668808								
Full duration: 62.8628950119								
test scenario NovaServers.boot_and_rebuild_server								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.636	9.789	12.354	12.414	12.474	10.12	100.0%	10
nova.rebuild_server	11.032	13.82	21.821	22.321	22.821	16.342	100.0%	10
nova.delete_server	2.382	2.461	2.664	2.759	2.854	2.524	100.0%	10
total	24.342	28.632	33.812	34.242	34.671	28.986	100.0%	10
Load duration: 82.0937809944								
Full duration: 105.129650116								
test scenario NovaSecGroup.create_and_list_secgroups								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count



## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.create_10_security_groups	1.596	2.105	2.35	2.351	2.352	2.061	100.0%	10
nova.create_100_rules	8.873	10.349	10.555	10.65	10.745	10.067	100.0%	10
nova.list_security_groups	0.129	0.183	0.281	0.318	0.354	0.201	100.0%	10
total	11.189	12.51	12.822	12.823	12.823	12.329	100.0%	10
-----								
Load duration: 36.4927339554								
Full duration: 63.6400220394								
test scenario NovaSecGroup.create_and_delete_secgroups								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
nova.create_10_security_groups	1.326	1.779	1.959	1.983	2.006	1.748	100.0%	10
nova.create_100_rules	9.29	10.389	10.656	10.731	10.805	10.241	100.0%	10
nova.delete_10_security_groups	0.833	0.896	1.02	1.03	1.04	0.918	100.0%	10
total	11.55	13.143	13.488	13.549	13.611	12.907	100.0%	10
-----								
Load duration: 38.0758161545								
Full duration: 52.9351670742								
test scenario NovaServers.boot_and_bounce_server								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
nova.boot_server	8.49	12.054	12.335	12.336	12.338	11.077	100.0%	10
nova.reboot_server	4.412	4.746	6.676	6.794	6.912	5.252	100.0%	10
nova.soft_reboot_server	6.592	7.729	125.626	125.9	126.174	31.142	100.0%	10
nova.stop_server	4.709	4.817	4.999	5.006	5.013	4.835	100.0%	10
nova.start_server	2.636	3.348	4.108	4.153	4.198	3.361	100.0%	10
nova.rescue_server	6.613	6.787	17.596	17.726	17.855	11.037	100.0%	10
nova.unrescue_server	2.324	4.485	6.647	6.653	6.659	4.948	100.0%	10
nova.delete_server	2.375	2.416	4.666	4.731	4.797	3.1	100.0%	10
total	39.617	54.891	166.239	170.845	175.451	74.764	100.0%	10
-----								
Load duration: 241.107405901								
Full duration: 264.433083773								
test scenario NovaServers.boot_server								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
nova.boot_server	9.537	9.723	12.302	12.597	12.891	10.539	100.0%	10
total	9.537	9.723	12.302	12.597	12.891	10.539	100.0%	10
-----								
Load duration: 31.5377810001								
Full duration: 56.3936619759								
test scenario NovaSecGroup.boot_and_delete_server_with_secgroups								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_10_security_groups	1.677	1.957	2.26	2.317	2.373	1.975	100.0%	10
nova.create_100_rules	9.032	10.031	10.512	10.585	10.658	9.992	100.0%	10
nova.boot_server	8.152	11.436	11.645	11.66	11.675	10.446	100.0%	10
nova.get_attached_security_groups	0.145	0.154	0.17	0.185	0.2	0.158	100.0%	10
nova.delete_server	2.412	4.581	4.637	4.667	4.696	3.741	100.0%	10
nova.delete_10_security_groups	0.791	0.902	0.983	0.993	1.003	0.901	100.0%	10
total	22.687	29.402	29.574	29.639	29.704	27.213	100.0%	10

Load duration: 81.6792809963

Full duration: 106.045881033

test scenario NovaServers.pause\_and\_unpause\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	9.557	11.959	12.616	12.617	12.618	11.399	100.0%	10
nova.pause_server	2.3	2.488	2.647	2.73	2.813	2.485	100.0%	10
nova.unpause_server	2.313	2.338	2.459	2.519	2.579	2.376	100.0%	10
nova.delete_server	2.379	4.554	4.593	4.6	4.608	3.72	100.0%	10
total	16.731	21.47	21.938	22.069	22.201	19.98	100.0%	10

Load duration: 60.1143479347

Full duration: 84.1553788185

test scenario NovaServers.boot\_server\_from\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.296	3.584	6.23	6.254	6.278	4.296	100.0%	10
nova.boot_server	13.316	14.103	15.99	16.029	16.068	14.371	100.0%	10
total	16.8	18.338	20.779	21.536	22.293	18.667	100.0%	10

Load duration: 55.7340800762

Full duration: 89.9920220375

test scenario NovaServers.boot\_and\_list\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.714	10.615	12.468	12.501	12.535	10.613	100.0%	10
nova.list_servers	0.14	0.241	0.434	0.454	0.474	0.274	100.0%	10
total	8.854	10.943	12.715	12.756	12.798	10.887	100.0%	10

Load duration: 30.5609071255

Full duration: 64.9602191448

run\_rally - INFO - Test scenario: "nova" OK.

run\_rally - INFO - Starting test scenario "quotas" ...

run\_rally - INFO -  
Preparing input task

```

Task 98d9ffba-dd50-429a-ab90-4549e00b19cf: started
Task 98d9ffba-dd50-429a-ab90-4549e00b19cf: finished

test scenario Quotas.cinder_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.58 | 0.646 | 0.661 | 0.671 | 0.682 | 0.636 | 100.0% | 10   |
| total          | 0.58 | 0.646 | 0.661 | 0.671 | 0.682 | 0.636 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 1.98423290253
Full duration: 7.3744559288

test scenario Quotas.neutron_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.232 | 0.251 | 0.276 | 0.281 | 0.286 | 0.254 | 100.0% | 10   |
| total          | 0.295 | 0.324 | 0.348 | 0.352 | 0.355 | 0.325 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 0.987355947495
Full duration: 6.55621004105

test scenario Quotas.cinder_update_and_delete
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.609 | 0.648 | 0.736 | 0.755 | 0.775 | 0.663 | 100.0% | 10   |
| quotas.delete_quotas | 0.267 | 0.474 | 0.498 | 0.518 | 0.539 | 0.454 | 100.0% | 10   |
| total          | 0.95  | 1.099 | 1.254 | 1.262 | 1.271 | 1.117 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 3.2654209137
Full duration: 8.84793901443

test scenario Quotas.nova_update_and_delete
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.319 | 0.353 | 0.393 | 0.4   | 0.408 | 0.358 | 100.0% | 8    |
| quotas.delete_quotas | 0.015 | 0.025 | 0.031 | 0.032 | 0.033 | 0.025 | 75.0%  | 8    |
| total          | 0.351 | 0.366 | 0.405 | 0.416 | 0.428 | 0.374 | 75.0%  | 8    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 0.80732011795
Full duration: 6.24122095108

test scenario Quotas.nova_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.346	0.366	0.413	0.414	0.416	0.373	100.0%	10
total	0.346	0.366	0.413	0.414	0.416	0.373	100.0%	10

Load duration: 1.10930514336  
Full duration: 6.21793103218

run\_rally - INFO - Test scenario: "quotas" Failed.  
run\_rally - INFO - Starting test scenario "requests" ...  
run\_rally - INFO -  
  Preparing input task  
  Task 712d1722-52e2-4e3a-93dc-515e3fea5977: started  
Task 712d1722-52e2-4e3a-93dc-515e3fea5977: finished

test scenario HttpRequests.check\_random\_request

action	min	median	90%ile	95%ile	max	avg	success	count
requests.check_request	5.462	5.488	5.976	5.991	6.006	5.59	100.0%	10
total	5.462	5.488	5.976	5.991	6.006	5.59	100.0%	10

Load duration: 16.976375103  
Full duration: 19.3119690418

test scenario HttpRequests.check\_request

action	min	median	90%ile	95%ile	max	avg	success	count
requests.check_request	5.466	5.48	5.487	5.491	5.496	5.479	100.0%	10
total	5.466	5.48	5.487	5.491	5.496	5.479	100.0%	10

Load duration: 16.4575350285  
Full duration: 18.7219369411

run\_rally - INFO - Test scenario: "requests" OK.  
run\_rally - INFO -

Rally Summary Report

Module	Duration	nb. Test Run	Success
authenticate	00:17	10	100.00%
glance	01:45	7	100.00%
cinder	17:38	50	100.00%
heat	06:53	32	92.31%
keystone	01:07	29	100.00%
neutron	04:41	31	100.00%
nova	30:14	61	100.00%

quotas	00:35	7	95.00%	
requests	00:38	2	100.00%	
TOTAL:	01:03:52	229	98.59%	

## 3.3 Feature tests

### 3.3.1 vIMS

```

FUNCTEST.info: Running vIMS test...
vIMS - INFO - Prepare OpenStack plateform (create tenant and user)
vIMS - INFO - Update OpenStack creds informations
vIMS - INFO - Upload some OS images if it doesn't exist
vIMS - INFO - centos_7 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - ubuntu_14.04 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - Update security group quota for this tenant
vIMS - INFO - Update cinder quota for this tenant
vIMS - INFO - Collect flavor id for cloudify manager server
vIMS - INFO - Prepare virtualenv for cloudify-cli
vIMS - INFO - Downloading the cloudify manager server blueprint
vIMS - INFO - Cloudify deployment Start Time:'2016-02-23 04:47:07'
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the cloudify-manager deployment
vIMS - INFO - Cloudify-manager server is UP !
vIMS - INFO - Cloudify deployment duration:'432.5'
vIMS - INFO - Collect flavor id for all clearwater vm
vIMS - INFO - vIMS VNF deployment Start Time:'2016-02-23 04:54:20'
vIMS - INFO - Downloading the openstack-blueprint.yaml blueprint
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the clearwater deployment
vIMS - INFO - The deployment of clearwater-opnfv is ended
vIMS - INFO - vIMS VNF deployment duration:'616.2'
vIMS - INFO - vIMS functional test Start Time:'2016-02-23 05:07:44'
vIMS - INFO - vIMS functional test duration:'3.5'
vIMS - INFO - Launching the clearwater-opnfv undeployment
vIMS - ERROR - Error when executing command /bin/bash -c 'source /home/opnfv/funcstest/data/vIMS/venv
vIMS - INFO - Launching the cloudify-manager undeployment
vIMS - INFO - Cloudify-manager server has been successfully removed!
vIMS - INFO - Removing vIMS tenant ..
vIMS - INFO - Removing vIMS user ..

```

## 3.4 Detailed test results for apex-os-odl\_l2-nofeature-ha

### 3.5 VIM

#### 3.5.1 vping\_ssh

```
FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-22 22:26:26'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=8588bf92-664e-46f0-ad4f-40347349b4db
  network=1e07302c-1060-4862-ac96-81db4c46b173

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=8588bf92-664e-46f0-ad4f-40347349b4db
  network=1e07302c-1060-4862-ac96-81db4c46b173

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '192.168.10.101'
vPing_ssh- INFO - Associating floating ip: '192.168.10.101' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 192.168.10.101...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'26.0' s.
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK
```

#### 3.5.2 vping\_userdata

```
FUNCTEST.info: Running vPing-userdata test...
vPing_userdata- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_userdata- INFO - Creating neutron network vping-net...
vPing_userdata- INFO - Creating security group 'vPing-sg'...
vPing_userdata- INFO - Flavor found 'm1.small'
vPing_userdata- INFO - vPing Start Time:'2016-02-22 22:27:09'
vPing_userdata- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=4e085313-471b-4846-96f8-d89c5fcdb453
  network=f1c6e324-f469-4d43-a53e-3716a2075556

vPing_userdata- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_userdata- INFO - Creating instance 'opnfv-vping-2'...
```

```

name=opnfv-vping-2
flavor=<Flavor: m1.small>
image=4e085313-471b-4846-96f8-d89c5fcdb453
network=f1c6e324-f469-4d43-a53e-3716a2075556
userdata=
#!/bin/sh

while true; do
ping -c 1 192.168.130.3 2>&1 >/dev/null
RES=$?
if [ "$RES" = "0" ] ; then
echo 'vPing OK'
break
else
echo 'vPing KO'
fi
sleep 1
done

vPing_userdata- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_userdata- INFO - Waiting for ping...
vPing_userdata- INFO - vPing detected!
vPing_userdata- INFO - vPing duration:'13.7'
vPing_userdata- INFO - vPing OK
vPing_userdata- INFO - Cleaning up...
vPing_userdata- INFO - Deleting network 'vping-net'...

```

### 3.5.3 Tempest

```

FUNCTEST.info: Running Tempest tests...
run_tempest - INFO - Creating tenant and user for Tempest suite
INFO rally.verification.tempest.tempest [-] Starting: Creating configuration file for Tempest.
INFO rally.verification.tempest.tempest [-] Completed: Creating configuration file for Tempest.
run_tempest - INFO - Starting Tempest test suite: '--tests-file /home/opnfv/repos/funcstest/testcases,
Total results of verification:

```

UUID	Deployment UUID	Set name	Tests	Fa
3275e5cd-a0cd-4961-95c8-11c5ecea6a6	94d6d0c4-f111-4f1a-a9ee-dee149fe7ce1		210	1

```

Tests:

```

name
tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_get_flavor
tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_list_flavors
tempest.api.compute.images.test_images.ImagesTestJSON.test_delete_saving_image
tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_delete_image
tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_image_specify
tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter





```

| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_rebuild_server
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_confirm
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_revert
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_stop_start_server
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_delete_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_get_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_list_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_update_server_metadata
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_server_with_admin_password
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_specify_keypair
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_with_existing_server_name
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_access_server_address
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_numeric_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_metadata
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_a_server_of_a
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_get_non_existent_ser
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_invalid_ip_v6_address
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_s
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_e
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_and
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_er
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_alt_user_tena
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_serv
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_serv
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
| tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_pass
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
| tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete

```

```
| tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
| tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixed_ip_address
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_floating_ip
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_list_update_show_delete_security_group
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_list_security_groups
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security_group
```

```

| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_c
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_c
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basicops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-2222:27:42.722872', 'duration': 171, 'tests': 2
run_tempest - INFO - Pushing results to DB: 'http://testresults.opnfv.org/testapi/results'.
run_tempest - INFO - Deleting tenant and user for Tempest suite)

```

### 3.5.4 Rally

```

FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...
run_rally - INFO -
  Preparing input task
  Task 8ccbc5f-32ba-4621-be0d-09b54fb1c9ea: started
Task 8ccbc5f-32ba-4621-be0d-09b54fb1c9ea: finished

test scenario Authenticate.validate_glance
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.112 | 0.132  | 0.201  | 0.201  | 0.201 | 0.143 | 100.0%  | 10    |
| authenticate.validate_glance (2)    | 0.039 | 0.046  | 0.107  | 0.111  | 0.115 | 0.063 | 100.0%  | 10    |
| total                                | 0.226 | 0.257  | 0.386  | 0.389  | 0.391 | 0.286 | 100.0%  | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.860725164413
Full duration: 3.2147500515

test scenario Authenticate.keystone
+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
total	0.065	0.07	0.085	0.106	0.127	0.076	100.0%	10
Load duration: 0.236154079437								
Full duration: 2.56328606606								
test scenario Authenticate.validate_heat								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_heat	0.106	0.121	0.259	0.268	0.277	0.148	100.0%	10
authenticate.validate_heat (2)	0.022	0.028	0.122	0.18	0.237	0.065	100.0%	10
total	0.212	0.25	0.426	0.429	0.431	0.294	100.0%	10
Load duration: 0.876858949661								
Full duration: 3.099599123								
test scenario Authenticate.validate_nova								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_nova	0.108	0.125	0.144	0.144	0.144	0.126	100.0%	10
authenticate.validate_nova (2)	0.025	0.034	0.039	0.04	0.04	0.034	100.0%	10
total	0.214	0.242	0.258	0.263	0.268	0.239	100.0%	10
Load duration: 0.719485044479								
Full duration: 2.89414715767								
test scenario Authenticate.validate_cinder								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_cinder	0.102	0.111	0.167	0.177	0.188	0.124	100.0%	10
authenticate.validate_cinder (2)	0.014	0.075	0.098	0.147	0.195	0.07	100.0%	10
total	0.197	0.261	0.37	0.39	0.41	0.281	100.0%	10
Load duration: 0.842756032944								
Full duration: 3.36014580727								
test scenario Authenticate.validate_neutron								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_neutron	0.106	0.121	0.133	0.137	0.142	0.122	100.0%	10
authenticate.validate_neutron (2)	0.029	0.088	0.109	0.11	0.111	0.087	100.0%	10
total	0.218	0.286	0.32	0.324	0.328	0.281	100.0%	10

Load duration: 0.860924005508  
 Full duration: 3.14792895317

run\_rally - INFO - Test scenario: "authenticate" OK.  
 run\_rally - INFO - Starting test scenario "glance" ...  
 run\_rally - INFO -  
 Preparing input task  
 Task e020cf98-caa0-4014-a28d-42748bf9dca3: started  
 Task e020cf98-caa0-4014-a28d-42748bf9dca3: finished

test scenario GlanceImages.list\_images

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.list_images	0.193	0.22	0.23	0.234	0.238	0.217	100.0%	10
total	0.193	0.22	0.23	0.234	0.238	0.217	100.0%	10

Load duration: 0.657658100128  
 Full duration: 3.69541883469

test scenario GlanceImages.create\_image\_and\_boot\_instances

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	2.85	3.139	3.39	3.41	3.43	3.133	100.0%	10
nova.boot_servers	5.898	6.853	7.241	7.329	7.417	6.806	100.0%	10
total	8.797	10.039	10.461	10.534	10.607	9.94	100.0%	10

Load duration: 29.545609951  
 Full duration: 55.3799848557

test scenario GlanceImages.create\_and\_list\_image

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	2.821	3.548	3.89	3.905	3.92	3.507	100.0%	10
glance.list_images	0.04	0.045	0.053	0.054	0.056	0.046	100.0%	10
total	2.873	3.599	3.934	3.948	3.962	3.553	100.0%	10

Load duration: 10.4028940201  
 Full duration: 15.1872868538

test scenario GlanceImages.create\_and\_delete\_image

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	2.876	3.678	3.734	3.742	3.75	3.507	100.0%	10
glance.delete_image	0.141	0.148	0.209	0.217	0.226	0.162	100.0%	10
total	3.036	3.822	3.893	3.934	3.976	3.669	100.0%	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Load duration: 10.7681660652  
Full duration: 13.7783231735

run\_rally - INFO - Test scenario: "glance" OK.  
run\_rally - INFO - Starting test scenario "cinder" ...  
run\_rally - INFO -  
Preparing input task  
Task dl5d9119-e59d-4e80-ad09-072f6300762b: started  
Task dl5d9119-e59d-4e80-ad09-072f6300762b: finished

test scenario CinderVolumes.create\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	3.086	4.323	5.484	5.514	5.544	4.505	100.0%	10
cinder.create_volume	2.703	2.882	2.961	2.969	2.978	2.865	100.0%	10
nova.attach_volume	7.55	7.801	10.194	10.345	10.495	8.292	100.0%	10
nova.detach_volume	2.967	5.217	5.602	5.694	5.786	4.468	100.0%	10
cinder.delete_volume	2.393	2.51	2.562	2.572	2.582	2.497	100.0%	10
nova.delete_server	2.375	2.429	2.554	2.595	2.637	2.46	100.0%	10
total	21.586	25.034	28.962	29.376	29.79	25.088	100.0%	10

Load duration: 74.0110630989  
Full duration: 87.3835339546

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	5.186	5.298	5.406	5.44	5.474	5.311	100.0%	10
cinder.list_volumes	0.11	0.134	0.147	0.148	0.15	0.133	100.0%	10
total	5.336	5.425	5.529	5.575	5.62	5.444	100.0%	10

Load duration: 16.3077280521  
Full duration: 27.7325429916

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.841	2.921	3.157	3.158	3.158	2.951	100.0%	10
cinder.list_volumes	0.067	0.12	0.18	0.18	0.18	0.127	100.0%	10
total	2.954	3.036	3.281	3.282	3.283	3.078	100.0%	10

Load duration: 9.12118315697  
Full duration: 19.8639061451

test scenario CinderVolumes.create\_and\_list\_snapshots

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

cinder.create_snapshot	2.433	2.508	2.551	2.552	2.554	2.5	100.0%	10	
cinder.list_snapshots	0.018	0.082	0.103	0.111	0.119	0.069	100.0%	10	
total	2.523	2.561	2.612	2.627	2.641	2.57	100.0%	10	
Load duration: 7.76097297668									
Full duration: 31.5859258175									
test scenario CinderVolumes.create_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.795	2.848	2.943	2.955	2.968	2.867	100.0%	10	
cinder.delete_volume	2.446	2.499	2.595	2.669	2.744	2.524	100.0%	10	
total	5.295	5.374	5.521	5.53	5.539	5.391	100.0%	10	
Load duration: 16.1756019592									
Full duration: 23.199131012									
test scenario CinderVolumes.create_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	5.287	5.38	5.424	5.439	5.454	5.365	100.0%	10	
cinder.delete_volume	2.394	2.549	2.687	2.699	2.711	2.555	100.0%	10	
total	7.728	7.896	8.06	8.081	8.103	7.92	100.0%	10	
Load duration: 23.6543819904									
Full duration: 30.6390721798									
test scenario CinderVolumes.create_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.885	2.937	3.053	3.059	3.066	2.962	100.0%	10	
cinder.delete_volume	2.405	2.586	2.691	2.732	2.773	2.577	100.0%	10	
total	5.421	5.531	5.59	5.691	5.793	5.539	100.0%	10	
Load duration: 16.603798151									
Full duration: 23.3788831234									
test scenario CinderVolumes.create_and_upload_volume_to_image									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.792	2.951	3.369	3.545	3.721	3.036	100.0%	10	
cinder.upload_volume_to_image	26.207	65.967	78.731	83.94	89.149	62.382	100.0%	10	
cinder.delete_volume	2.469	2.587	2.777	2.908	3.038	2.617	100.0%	10	
nova.delete_image	0.306	0.602	1.075	1.085	1.095	0.679	100.0%	10	
total	32.909	73.046	84.953	90.036	95.118	68.714	100.0%	10	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Load duration: 183.403058052									
Full duration: 190.890599012									
test scenario CinderVolumes.create_and_delete_snapshot									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_snapshot	2.494	2.541	2.623	2.662	2.701	2.563	100.0%	10	
cinder.delete_snapshot	2.29	2.379	2.557	2.611	2.665	2.424	100.0%	10	
total	4.784	4.953	5.15	5.215	5.279	4.988	100.0%	10	
Load duration: 14.7655448914									
Full duration: 33.6425430775									
test scenario CinderVolumes.create_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.789	2.912	3.076	3.088	3.1	2.933	100.0%	10	
total	2.789	2.913	3.076	3.088	3.1	2.933	100.0%	10	
Load duration: 8.82123494148									
Full duration: 18.1940879822									
test scenario CinderVolumes.create_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	2.807	2.927	3.035	3.036	3.036	2.926	100.0%	10	
total	2.808	2.927	3.036	3.036	3.036	2.927	100.0%	10	
Load duration: 8.90417385101									
Full duration: 20.1418190002									
test scenario CinderVolumes.list_volumes									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.list_volumes	0.226	0.251	0.27	0.282	0.293	0.253	100.0%	10	
total	0.226	0.251	0.27	0.282	0.293	0.253	100.0%	10	
Load duration: 0.773681879044									
Full duration: 47.6445128918									
test scenario CinderVolumes.create_nested_snapshots_and_attach_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	



FuncTest test results, Release brahmaputra.3.0 (41850cb)

cinder.create_volume	2.752	2.933	3.066	3.089	3.112	2.943	100.0%	10
cinder.create_snapshot	2.319	2.388	2.432	2.437	2.441	2.387	100.0%	10
nova.attach_volume	7.626	9.641	12.934	14.634	16.334	10.372	100.0%	10
nova.detach_volume	3.067	5.326	5.451	5.507	5.563	4.908	100.0%	10
cinder.delete_snapshot	2.261	2.317	2.419	2.448	2.476	2.333	100.0%	10
cinder.delete_volume	2.339	2.491	2.583	2.615	2.647	2.486	100.0%	10
total	21.617	24.353	28.724	30.338	31.953	25.746	100.0%	10
Load duration: 72.4364318848								
Full duration: 113.83590889								
test scenario CinderVolumes.create_from_volume_and_delete_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	9.733	14.37	14.917	16.883	18.848	13.936	100.0%	10
cinder.delete_volume	2.357	2.482	2.618	2.619	2.619	2.497	100.0%	10
total	12.277	16.823	17.514	19.491	21.468	16.433	100.0%	10
Load duration: 46.032130003								
Full duration: 65.3552489281								
test scenario CinderVolumes.create_and_extend_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.81	2.879	3.049	3.065	3.082	2.923	100.0%	10
cinder.extend_volume	2.584	2.789	2.943	2.951	2.958	2.782	100.0%	10
cinder.delete_volume	2.402	2.564	2.615	2.633	2.65	2.54	100.0%	10
total	8.046	8.216	8.376	8.506	8.636	8.246	100.0%	10
Load duration: 24.652312994								
Full duration: 31.6354629993								
test scenario CinderVolumes.create_snapshot_and_attach_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.872	2.939	2.986	3.045	3.103	2.944	100.0%	10
cinder.create_snapshot	2.312	2.389	2.452	2.499	2.546	2.395	100.0%	10
nova.attach_volume	7.624	7.814	13.095	16.211	19.328	9.374	100.0%	10
nova.detach_volume	2.991	4.159	5.336	5.399	5.461	4.171	100.0%	10
cinder.delete_snapshot	2.186	2.277	2.41	2.418	2.426	2.296	100.0%	10
cinder.delete_volume	2.431	2.498	2.589	2.595	2.601	2.51	100.0%	10
total	21.28	23.314	26.739	29.882	33.025	24.004	100.0%	10
Load duration: 68.312828064								
Full duration: 112.127801895								
test scenario CinderVolumes.create_snapshot_and_attach_volume								

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.617	2.833	2.941	2.982	3.022	2.823	100.0%	10
cinder.create_snapshot	2.282	2.375	2.445	2.47	2.494	2.384	100.0%	10
nova.attach_volume	7.58	7.741	13.508	16.698	19.888	9.501	100.0%	10
nova.detach_volume	3.07	5.287	5.408	5.463	5.518	4.882	100.0%	10
cinder.delete_snapshot	2.254	2.326	2.432	2.435	2.438	2.343	100.0%	10
cinder.delete_volume	2.339	2.475	2.593	2.625	2.656	2.483	100.0%	10
total	21.236	23.663	29.169	32.362	35.555	24.955	100.0%	10

Load duration: 71.8869941235  
Full duration: 117.904321909

```
run_rally - INFO - Test scenario: "cinder" OK.
run_rally - INFO - Starting test scenario "heat" ...
run_rally - INFO -
  Preparing input task
  Task e23e2615-b959-461f-9e63-973b9de00f98: started
Task e23e2615-b959-461f-9e63-973b9de00f98: finished
```

test scenario HeatStacks.create\_suspend\_resume\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.856	3.146	3.227	3.244	3.262	3.087	100.0%	10
heat.suspend_stack	0.525	1.615	1.756	1.822	1.888	1.284	100.0%	10
heat.resume_stack	0.549	1.6	1.663	1.673	1.682	1.296	100.0%	10
heat.delete_stack	1.312	1.491	1.655	1.659	1.662	1.501	100.0%	10
total	5.641	7.374	8.053	8.167	8.281	7.168	100.0%	10

Load duration: 22.0507199764  
Full duration: 25.5707690716

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.923	3.085	3.286	3.309	3.331	3.115	100.0%	10
heat.delete_stack	0.243	0.963	1.56	1.624	1.688	0.962	100.0%	10
total	3.166	4.127	4.666	4.735	4.803	4.076	100.0%	10

Load duration: 13.0132920742  
Full duration: 16.5792620182

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	9.979	11.338	13.752	13.849	13.946	11.536	100.0%	10
heat.delete_stack	7.092	8.228	8.71	8.871	9.033	8.149	100.0%	10

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

total	18.547	19.228	21.86	22.086	22.312	19.685	100.0%	10	
-----									
Load duration: 58.1043260098									
Full duration: 61.6377520561									
test scenario HeatStacks.create_and_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	11.918	13.906	16.154	16.286	16.418	13.895	100.0%	10	
heat.delete_stack	8.414	9.204	10.491	10.538	10.585	9.295	100.0%	10	
total	21.347	22.82	25.491	26.247	27.003	23.19	100.0%	10	
-----									
Load duration: 68.1649589539									
Full duration: 71.9318380356									
test scenario HeatStacks.list_stacks_and_resources									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.list_stacks	0.233	0.257	0.318	0.436	0.555	0.286	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.233	0.257	0.318	0.436	0.555	0.286	100.0%	10	
-----									
Load duration: 0.829450845718									
Full duration: 3.74743390083									
test scenario HeatStacks.create_update_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	2.703	2.996	3.064	3.184	3.304	2.981	100.0%	10	
heat.update_stack	2.487	3.644	3.84	3.918	3.996	3.387	100.0%	10	
heat.delete_stack	0.52	1.473	1.686	1.691	1.697	1.413	100.0%	10	
total	6.639	8.102	8.301	8.486	8.671	7.781	100.0%	10	
-----									
Load duration: 23.5321931839									
Full duration: 26.9891970158									
test scenario HeatStacks.create_update_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	2.69	3.032	3.266	3.279	3.293	3.041	100.0%	10	
heat.update_stack	2.458	2.642	3.727	3.766	3.805	3.037	100.0%	10	
heat.delete_stack	0.556	1.511	1.586	1.632	1.678	1.419	100.0%	10	
total	6.957	7.396	8.15	8.18	8.21	7.497	100.0%	10	
-----									
Load duration: 22.4653220177									
Full duration: 25.9613161087									

```
test scenario HeatStacks.create_update_delete_stack
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 2.936 | 3.18   | 3.4    | 3.735  | 4.069 | 3.237 | 100.0% | 10   |
| heat.update_stack | 4.79  | 5.132  | 6.045  | 6.06   | 6.076 | 5.308 | 100.0% | 10   |
| heat.delete_stack | 1.518 | 2.424  | 2.589  | 2.618  | 2.647 | 2.182 | 100.0% | 10   |
| total           | 9.624 | 10.703 | 11.721 | 11.781 | 11.842 | 10.727 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 31.7993149757  
 Full duration: 35.7221229076

```
test scenario HeatStacks.create_update_delete_stack
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action | min | median | 90%ile | 95%ile | max | avg | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| total  | n/a | n/a    | n/a    | n/a    | n/a | n/a | 0.0%   | 7     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 6.70760798454  
 Full duration: 15.0584180355

```
test scenario HeatStacks.create_update_delete_stack
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 2.893 | 3.127  | 3.179  | 3.194  | 3.209 | 3.079 | 100.0% | 10   |
| heat.update_stack | 4.695 | 5.02   | 5.189  | 5.193  | 5.197 | 5.007 | 100.0% | 10   |
| heat.delete_stack | 1.51  | 2.454  | 2.786  | 2.821  | 2.855 | 2.302 | 100.0% | 10   |
| total           | 9.334 | 10.621 | 10.981 | 10.985 | 10.99 | 10.388 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 31.2812139988  
 Full duration: 35.1641018391

```
test scenario HeatStacks.create_update_delete_stack
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 2.885 | 3.01   | 3.24   | 3.311  | 3.381 | 3.05  | 100.0% | 10   |
| heat.update_stack | 2.83  | 3.881  | 3.936  | 3.968  | 4.0   | 3.777 | 100.0% | 10   |
| heat.delete_stack | 1.307 | 1.567  | 1.645  | 1.79   | 1.935 | 1.543 | 100.0% | 10   |
| total           | 7.316 | 8.436  | 8.859  | 8.868  | 8.876 | 8.37  | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 24.9058198929  
 Full duration: 28.9196100235

```
test scenario HeatStacks.create_and_list_stack
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min  | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.882	3.04	3.213	3.318	3.423	3.07	100.0%	10
heat.list_stacks	0.037	0.16	0.174	0.178	0.182	0.14	100.0%	10
total	3.046	3.142	3.382	3.478	3.575	3.21	100.0%	10
Load duration: 9.64803004265								
Full duration: 17.1896460056								
test scenario HeatStacks.create_check_delete_stack								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.808	3.191	3.252	3.281	3.311	3.148	100.0%	10
heat.check_stack	0.407	0.668	1.405	1.545	1.685	0.776	100.0%	10
heat.delete_stack	0.678	1.561	1.687	1.707	1.726	1.474	100.0%	10
total	4.931	5.317	5.757	5.974	6.192	5.398	100.0%	10
Load duration: 16.0285110474								
Full duration: 19.9199111462								
run_rally - INFO - Test scenario: "heat" Failed.								
run_rally - INFO - Starting test scenario "keystone" ...								
run_rally - INFO -								
Preparing input task								
Task 08dbf827-7838-43b0-9cd2-3d48c9632781: started								
Task 08dbf827-7838-43b0-9cd2-3d48c9632781: finished								
test scenario KeystoneBasic.create_tenant_with_users								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.113	0.12	0.158	0.176	0.195	0.13	100.0%	10
keystone.create_users	0.651	0.684	0.707	0.733	0.759	0.685	100.0%	10
total	0.772	0.8	0.865	0.91	0.954	0.815	100.0%	10
Load duration: 2.42733502388								
Full duration: 12.6668281555								
test scenario KeystoneBasic.create_add_and_list_user_roles								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.115	0.123	0.132	0.145	0.159	0.125	100.0%	10
keystone.add_role	0.09	0.101	0.122	0.137	0.151	0.106	100.0%	10
keystone.list_roles	0.049	0.057	0.062	0.065	0.067	0.057	100.0%	10
total	0.26	0.282	0.328	0.329	0.33	0.288	100.0%	10
Load duration: 0.850867986679								
Full duration: 6.24242782593								
test scenario KeystoneBasic.add_and_remove_user_role								

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.118	0.172	0.235	0.244	0.254	0.177	100.0%	10
keystone.add_role	0.095	0.115	0.16	0.162	0.165	0.122	100.0%	10
keystone.remove_role	0.059	0.068	0.163	0.164	0.166	0.085	100.0%	10
total	0.281	0.407	0.444	0.447	0.451	0.385	100.0%	10

Load duration: 1.1720468998  
Full duration: 6.63848996162

test scenario KeystoneBasic.create\_update\_and\_delete\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.125	0.19	0.247	0.268	0.289	0.191	100.0%	10
keystone.update_tenant	0.052	0.063	0.11	0.111	0.113	0.07	100.0%	10
keystone.delete_tenant	0.12	0.141	0.192	0.227	0.261	0.153	100.0%	10
total	0.331	0.418	0.486	0.502	0.517	0.415	100.0%	10

Load duration: 1.27042984962  
Full duration: 5.3805770874

test scenario KeystoneBasic.create\_and\_delete\_service

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_service	0.111	0.117	0.13	0.139	0.147	0.121	100.0%	10
keystone.delete_service	0.055	0.067	0.096	0.097	0.097	0.071	100.0%	10
total	0.176	0.189	0.212	0.215	0.218	0.192	100.0%	10

Load duration: 0.61040687561  
Full duration: 4.58190393448

test scenario KeystoneBasic.create\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.114	0.128	0.136	0.16	0.183	0.131	100.0%	10
total	0.114	0.128	0.137	0.16	0.183	0.131	100.0%	10

Load duration: 0.400830030441  
Full duration: 4.4062628746

test scenario KeystoneBasic.create\_user

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_user	0.124	0.137	0.146	0.163	0.179	0.138	100.0%	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

total	0.125	0.137	0.146	0.163	0.179	0.138	100.0%	10	
-----									
Load duration: 0.42484498024									
Full duration: 4.1389541626									
test scenario KeystoneBasic.create_and_list_tenants									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_tenant	0.117	0.126	0.134	0.152	0.17	0.129	100.0%	10	
keystone.list_tenants	0.046	0.059	0.104	0.104	0.105	0.069	100.0%	10	
total	0.166	0.19	0.231	0.233	0.235	0.198	100.0%	10	
-----									
Load duration: 0.600751876831									
Full duration: 6.1798210144									
test scenario KeystoneBasic.create_and_delete_role									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_role	0.118	0.227	0.298	0.3	0.302	0.204	100.0%	10	
keystone.delete_role	0.105	0.13	0.271	0.29	0.309	0.157	100.0%	10	
total	0.238	0.346	0.573	0.59	0.607	0.362	100.0%	10	
-----									
Load duration: 1.21080708504									
Full duration: 5.530189991									
test scenario KeystoneBasic.get_entities									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_tenant	0.121	0.125	0.148	0.149	0.151	0.13	100.0%	10	
keystone.create_user	0.062	0.078	0.103	0.121	0.139	0.084	100.0%	10	
keystone.create_role	0.046	0.051	0.067	0.069	0.072	0.055	100.0%	10	
keystone.get_tenant	0.04	0.05	0.054	0.057	0.06	0.049	100.0%	10	
keystone.get_user	0.048	0.058	0.072	0.082	0.093	0.062	100.0%	10	
keystone.get_role	0.042	0.047	0.053	0.058	0.064	0.048	100.0%	10	
keystone.service_list	0.046	0.055	0.069	0.079	0.09	0.058	100.0%	10	
keystone.get_service	0.041	0.048	0.057	0.072	0.088	0.051	100.0%	10	
total	0.483	0.541	0.568	0.584	0.599	0.538	100.0%	10	
-----									
Load duration: 1.66359400749									
Full duration: 10.0017409325									
test scenario KeystoneBasic.create_and_list_users									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_user	0.131	0.14	0.157	0.205	0.254	0.151	100.0%	10	
keystone.list_users	0.051	0.057	0.065	0.078	0.091	0.06	100.0%	10	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

total	0.182	0.199	0.239	0.274	0.309	0.211	100.0%	10	
-----									
Load duration: 0.62369799614									
Full duration: 4.64324808121									
run_rally - INFO - Test scenario: "keystone" OK.									
run_rally - INFO - Starting test scenario "neutron" ...									
run_rally - INFO -									
Preparing input task									
Task 7a8d4b82-85d3-485c-996e-08dbd3787094: started									
Task 7a8d4b82-85d3-485c-996e-08dbd3787094: finished									
test scenario NeutronNetworks.create_and_delete_ports									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
neutron.create_port	0.424	0.519	0.555	0.559	0.563	0.503	100.0%	10	
neutron.delete_port	0.148	0.283	0.32	0.339	0.358	0.259	100.0%	10	
total	0.584	0.797	0.849	0.859	0.87	0.762	100.0%	10	
-----									
Load duration: 2.3002948761									
Full duration: 25.5696978569									
test scenario NeutronNetworks.create_and_list_routers									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
neutron.create_subnet	0.421	0.453	0.541	0.55	0.56	0.472	100.0%	10	
neutron.create_router	0.039	0.045	0.24	0.247	0.254	0.11	100.0%	10	
neutron.add_interface_router	0.28	0.297	0.417	0.427	0.438	0.32	100.0%	10	
neutron.list_routers	0.043	0.163	0.181	0.185	0.189	0.122	100.0%	10	
total	0.795	1.045	1.115	1.243	1.372	1.024	100.0%	10	
-----									
Load duration: 2.85029602051									
Full duration: 27.2547390461									
test scenario NeutronNetworks.create_and_delete_routers									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
neutron.create_subnet	0.399	0.476	0.542	0.561	0.579	0.479	100.0%	10	
neutron.create_router	0.038	0.041	0.181	0.186	0.19	0.096	100.0%	10	
neutron.add_interface_router	0.272	0.306	0.421	0.426	0.43	0.34	100.0%	10	
neutron.remove_interface_router	0.228	0.311	0.514	0.518	0.521	0.338	100.0%	10	
neutron.delete_router	0.151	0.159	0.295	0.297	0.298	0.205	100.0%	10	
total	1.218	1.388	1.829	1.868	1.908	1.458	100.0%	10	
-----									
Load duration: 4.20906496048									
Full duration: 28.1987309456									
test scenario NeutronNetworks.create_and_list_ports									
-----									



## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.429	0.5	0.612	0.626	0.639	0.521	100.0%	10
neutron.list_ports	0.108	0.282	0.352	0.372	0.392	0.262	100.0%	10
total	0.594	0.761	0.957	0.957	0.957	0.783	100.0%	10

Load duration: 2.34113693237

Full duration: 26.7457489967

test scenario NeutronNetworks.create\_and\_delete\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.402	0.436	0.542	0.566	0.59	0.463	100.0%	10
neutron.delete_subnet	0.142	0.29	0.334	0.367	0.4	0.25	100.0%	10
total	0.564	0.709	0.86	0.875	0.89	0.713	100.0%	10

Load duration: 2.14902901649

Full duration: 25.5031478405

test scenario NeutronNetworks.create\_and\_delete\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.301	0.346	0.477	0.499	0.521	0.363	100.0%	10
neutron.delete_network	0.105	0.112	0.289	0.29	0.291	0.161	100.0%	10
total	0.411	0.457	0.766	0.789	0.812	0.524	100.0%	10

Load duration: 1.52401685715

Full duration: 14.2058041096

test scenario NeutronNetworks.create\_and\_list\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.307	0.336	0.388	0.405	0.423	0.348	100.0%	10
neutron.list_networks	0.043	0.172	0.242	0.279	0.316	0.147	100.0%	10
total	0.36	0.503	0.621	0.622	0.623	0.495	100.0%	10

Load duration: 1.58333802223

Full duration: 15.9647290707

test scenario NeutronNetworks.create\_and\_update\_routers

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.434	0.497	0.576	0.576	0.577	0.499	100.0%	10
neutron.create_router	0.037	0.173	0.305	0.36	0.415	0.158	100.0%	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

neutron.add_interface_router	0.294	0.439	0.504	0.513	0.522	0.404	100.0%	10
neutron.update_router	0.131	0.272	0.316	0.359	0.402	0.263	100.0%	10
total	0.93	1.355	1.47	1.584	1.698	1.324	100.0%	10

Load duration: 3.98894906044

Full duration: 29.5306479931

test scenario NeutronNetworks.create\_and\_update\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.317	0.356	0.487	0.489	0.491	0.377	100.0%	10
neutron.update_network	0.103	0.277	0.309	0.316	0.322	0.22	100.0%	10
total	0.421	0.626	0.787	0.79	0.793	0.598	100.0%	10

Load duration: 1.78881001472

Full duration: 16.6285750866

test scenario NeutronNetworks.create\_and\_update\_ports

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.435	0.471	0.575	0.578	0.58	0.49	100.0%	10
neutron.update_port	0.124	0.245	0.349	0.375	0.402	0.237	100.0%	10
total	0.565	0.725	0.912	0.917	0.922	0.728	100.0%	10

Load duration: 2.24334001541

Full duration: 26.9849171638

test scenario NeutronNetworks.create\_and\_list\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.428	0.456	0.539	0.544	0.549	0.476	100.0%	10
neutron.list_subnets	0.061	0.192	0.234	0.25	0.265	0.157	100.0%	10
total	0.498	0.642	0.77	0.786	0.803	0.633	100.0%	10

Load duration: 1.8174021244

Full duration: 26.2954719067

test scenario NeutronNetworks.create\_and\_update\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.396	0.432	0.523	0.543	0.562	0.444	100.0%	10
neutron.update_subnet	0.157	0.226	0.355	0.395	0.434	0.256	100.0%	10
total	0.554	0.688	0.876	0.892	0.909	0.7	100.0%	10

Load duration: 1.9577729702

Full duration: 25.9509670734

```
run_rally - INFO - Test scenario: "neutron" OK.
run_rally - INFO - Starting test scenario "nova" ...
run_rally - INFO -
  Preparing input task
  Task c520ad11-229c-433c-9fbb-2ddc8152c608: started
  Task c520ad11-229c-433c-9fbb-2ddc8152c608: finished
```

test scenario NovaKeypair.create\_and\_delete\_keypair

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.423	0.517	0.708	1.052	1.396	0.61	100.0%	10	
nova.delete_keypair	0.013	0.018	0.02	0.023	0.025	0.018	100.0%	10	
total	0.442	0.534	0.722	1.068	1.415	0.627	100.0%	10	

Load duration: 1.91971611977  
Full duration: 16.1851501465

test scenario NovaServers.snapshot\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.327	5.71	6.47	7.233	7.996	5.669	100.0%	10	
nova.create_image	35.707	57.482	68.949	70.89	72.832	55.735	100.0%	10	
nova.delete_server	2.417	2.639	3.37	4.016	4.662	2.931	100.0%	10	
nova.boot_server (2)	14.245	30.97	41.617	41.703	41.788	28.214	100.0%	10	
nova.delete_server (2)	2.702	4.558	6.714	6.78	6.847	4.351	100.0%	10	
nova.delete_image	0.222	0.481	0.801	0.912	1.024	0.514	100.0%	10	
total	61.815	104.063	118.678	119.932	121.185	97.414	100.0%	10	

Load duration: 270.805267096  
Full duration: 295.748194933

test scenario NovaKeypair.boot\_and\_delete\_server\_with\_keypair

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.371	0.431	0.516	0.517	0.517	0.439	100.0%	10	
nova.boot_server	3.04	4.457	5.757	5.786	5.815	4.552	100.0%	10	
nova.delete_server	2.381	2.534	2.842	3.654	4.465	2.696	100.0%	10	
nova.delete_keypair	0.012	0.018	0.02	0.021	0.022	0.017	100.0%	10	
total	5.958	7.497	9.018	9.735	10.452	7.704	100.0%	10	

Load duration: 22.5302600861  
Full duration: 46.1866869926

test scenario NovaKeypair.create\_and\_list\_keypairs

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.create_keypair	0.414	0.575	0.631	0.71	0.789	0.556	100.0%	10	
nova.list_keypairs	0.013	0.018	0.02	0.021	0.021	0.018	100.0%	10	
total	0.433	0.596	0.649	0.728	0.808	0.574	100.0%	10	
-----									
Load duration: 1.60233187675									
Full duration: 16.7130730152									
test scenario NovaServers.list_servers									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.list_servers	0.587	0.606	0.69	0.722	0.755	0.631	100.0%	10	
total	0.587	0.606	0.69	0.722	0.755	0.631	100.0%	10	
-----									
Load duration: 1.8859231472									
Full duration: 50.8739178181									
test scenario NovaServers.resize_server									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.boot_server	3.363	3.918	6.304	6.779	7.255	4.596	100.0%	10	
nova.resize	21.13	26.439	42.015	42.22	42.424	29.139	100.0%	10	
nova.resize_confirm	2.398	2.551	2.703	2.704	2.706	2.563	100.0%	10	
nova.delete_server	2.37	2.395	2.798	3.721	4.644	2.648	100.0%	10	
total	29.822	34.933	54.227	54.69	55.153	38.945	100.0%	10	
-----									
Load duration: 114.259507179									
Full duration: 128.127579927									
test scenario NovaServers.boot_server_from_volume_and_delete									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	3.235	5.567	6.045	6.052	6.06	4.919	100.0%	10	
nova.boot_server	8.307	9.5	12.422	13.056	13.69	9.862	100.0%	10	
nova.delete_server	4.461	4.62	4.671	4.692	4.714	4.589	100.0%	10	
total	16.186	19.059	22.977	23.551	24.126	19.371	100.0%	10	
-----									
Load duration: 56.1163849831									
Full duration: 87.4642381668									
test scenario NovaServers.boot_and_migrate_server									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.boot_server	3.453	4.707	6.199	6.246	6.293	4.887	100.0%	10	
nova.stop_server	4.627	5.136	15.964	16.161	16.358	9.106	100.0%	10	
nova.migrate	14.455	16.394	25.486	26.426	27.366	18.474	100.0%	10	
nova.resize_confirm	2.376	2.404	2.575	2.612	2.649	2.458	100.0%	10	
-----									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

nova.delete_server	2.351	2.377	2.42	2.479	2.538	2.394	100.0%	10	
total	29.051	37.529	44.149	47.114	50.08	37.32	100.0%	10	
-----									
Load duration: 101.067945957									
Full duration: 115.384446144									
test scenario NovaServers.boot_and_delete_server									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.boot_server	3.655	6.711	7.36	7.385	7.41	6.243	100.0%	10	
nova.delete_server	2.362	4.587	4.739	4.809	4.879	4.013	100.0%	10	
total	6.017	10.937	11.962	12.02	12.078	10.256	100.0%	10	
-----									
Load duration: 29.3568899632									
Full duration: 52.9771959782									
test scenario NovaServers.boot_and_rebuild_server									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.boot_server	3.859	4.72	6.26	6.315	6.369	5.06	100.0%	10	
nova.rebuild_server	6.283	7.559	9.599	12.803	16.006	8.2	100.0%	10	
nova.delete_server	2.37	2.551	4.527	4.582	4.638	3.088	100.0%	10	
total	13.383	16.01	18.944	20.596	22.249	16.348	100.0%	10	
-----									
Load duration: 55.2873470783									
Full duration: 79.1774559021									
test scenario NovaSecGroup.create_and_list_secgroups									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.create_10_security_groups	1.595	1.928	2.017	2.036	2.055	1.891	100.0%	10	
nova.create_100_rules	9.581	10.462	10.693	10.803	10.913	10.36	100.0%	10	
nova.list_security_groups	0.136	0.189	0.245	0.272	0.299	0.198	100.0%	10	
total	11.447	12.553	12.839	12.881	12.923	12.449	100.0%	10	
-----									
Load duration: 36.6872730255									
Full duration: 63.5205390453									
test scenario NovaSecGroup.create_and_delete_secgroups									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.create_10_security_groups	1.492	1.946	2.157	2.214	2.271	1.932	100.0%	10	
nova.create_100_rules	9.298	10.497	10.608	10.624	10.64	10.256	100.0%	10	
nova.delete_10_security_groups	0.783	1.061	1.126	1.132	1.138	1.005	100.0%	10	
total	11.788	13.418	13.784	13.788	13.793	13.194	100.0%	10	
-----									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Load duration: 38.9264039993  
Full duration: 53.6155569553

test scenario NovaServers.boot\_and\_bounce\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.546	5.034	5.948	6.012	6.077	4.964	100.0%	10	
nova.reboot_server	2.449	4.78	6.939	6.961	6.984	5.332	100.0%	10	
nova.soft_reboot_server	6.583	6.718	18.85	72.219	125.589	18.596	100.0%	10	
nova.stop_server	4.622	4.796	15.736	15.861	15.986	6.96	100.0%	10	
nova.start_server	2.662	2.828	3.001	3.04	3.078	2.849	100.0%	10	
nova.rescue_server	6.77	15.566	17.493	17.544	17.595	12.874	100.0%	10	
nova.unrescue_server	2.291	4.444	4.571	4.583	4.596	3.643	100.0%	10	
nova.delete_server	2.372	2.397	2.507	2.528	2.55	2.424	100.0%	10	
total	35.205	49.523	70.623	110.831	151.04	57.653	100.0%	10	

Load duration: 193.802706003  
Full duration: 217.975458145

test scenario NovaServers.boot\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.41	4.816	6.024	6.056	6.089	4.692	100.0%	10	
total	3.41	4.816	6.024	6.057	6.089	4.692	100.0%	10	

Load duration: 13.1493849754  
Full duration: 37.5227308273

test scenario NovaSecGroup.boot\_and\_delete\_server\_with\_secgroups

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	1.487	1.851	2.252	2.299	2.345	1.876	100.0%	10	
nova.create_100_rules	9.079	10.618	10.831	10.864	10.897	10.241	100.0%	10	
nova.boot_server	4.315	4.525	5.609	5.629	5.649	4.901	100.0%	10	
nova.get_attached_security_groups	0.137	0.156	0.289	0.312	0.334	0.183	100.0%	10	
nova.delete_server	2.381	2.417	2.572	2.663	2.754	2.47	100.0%	10	
nova.delete_10_security_groups	0.844	1.033	1.131	1.171	1.212	1.021	100.0%	10	
total	18.91	21.054	21.677	21.936	22.195	20.692	100.0%	10	

Load duration: 61.2168090343  
Full duration: 85.7305738926

test scenario NovaServers.pause\_and\_unpause\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.337	5.865	6.135	6.166	6.198	5.184	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.pause_server	2.311	2.468	2.511	2.528	2.545	2.422	100.0%	10	
nova.unpause_server	2.306	2.47	2.538	2.548	2.558	2.441	100.0%	10	
nova.delete_server	2.37	2.623	4.832	4.882	4.932	3.392	100.0%	10	
total	10.861	13.388	15.614	15.649	15.684	13.439	100.0%	10	
-----									
Load duration: 39.8893749714									
Full duration: 65.2461550236									
test scenario NovaServers.boot_server_from_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	3.172	3.51	6.009	6.055	6.102	4.387	100.0%	10	
nova.boot_server	7.575	8.761	11.062	12.16	13.258	9.396	100.0%	10	
total	10.812	12.565	17.043	18.063	19.083	13.783	100.0%	10	
-----									
Load duration: 40.4101068974									
Full duration: 76.4117758274									
test scenario NovaServers.boot_and_list_server									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.boot_server	3.891	4.847	6.169	6.267	6.365	5.093	100.0%	10	
nova.list_servers	0.163	0.201	0.418	0.475	0.533	0.268	100.0%	10	
total	4.296	5.066	6.393	6.646	6.899	5.361	100.0%	10	
-----									
Load duration: 15.2852530479									
Full duration: 50.1823370457									
run_rally - INFO - Test scenario: "nova" OK.									
run_rally - INFO - Starting test scenario "quotas" ...									
run_rally - INFO -									
Preparing input task									
Task 4d0fc176-8b72-4789-8249-7ca3ed815669: started									
Task 4d0fc176-8b72-4789-8249-7ca3ed815669: finished									
test scenario Quotas.cinder_update									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
quotas.update_quotas	0.591	0.621	0.669	0.672	0.674	0.626	100.0%	10	
total	0.591	0.621	0.669	0.672	0.674	0.626	100.0%	10	
-----									
Load duration: 1.86674189568									
Full duration: 7.90543198586									
test scenario Quotas.neutron_update									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

quotas.update_quotas	0.243	0.257	0.271	0.271	0.271	0.258	100.0%	10
total	0.308	0.328	0.36	0.367	0.374	0.331	100.0%	10
Load duration: 0.996067047119								
Full duration: 6.61853408813								
test scenario Quotas.cinder_update_and_delete								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.568	0.604	0.623	0.677	0.732	0.611	100.0%	10
quotas.delete_quotas	0.415	0.442	0.477	0.501	0.526	0.449	100.0%	10
total	0.992	1.049	1.142	1.165	1.188	1.06	100.0%	10
Load duration: 3.19247508049								
Full duration: 9.27472686768								
test scenario Quotas.nova_update_and_delete								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.323	0.35	0.371	0.38	0.39	0.349	100.0%	7
quotas.delete_quotas	0.02	0.021	0.023	0.024	0.025	0.022	71.4%	7
total	0.344	0.369	0.378	0.378	0.379	0.363	71.4%	7
Load duration: 0.752856969833								
Full duration: 6.31551885605								
test scenario Quotas.nova_update								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.307	0.354	0.396	0.43	0.463	0.361	100.0%	10
total	0.307	0.354	0.396	0.43	0.463	0.361	100.0%	10
Load duration: 1.06656098366								
Full duration: 6.7101290226								
run_rally - INFO - Test scenario: "quotas" Failed.								
run_rally - INFO - Starting test scenario "requests" ...								
run_rally - INFO -								
Preparing input task								
Task 16778409-ff5d-4254-aa3b-b80de677272e: started								
Task 16778409-ff5d-4254-aa3b-b80de677272e: finished								
test scenario HttpRequests.check_random_request								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count



requests.check_request	5.446	5.5	5.982	5.983	5.984	5.611	100.0%	10
total	5.446	5.5	5.982	5.983	5.984	5.611	100.0%	10
-----								
Load duration: 16.9417049885								
Full duration: 19.4220340252								
test scenario HttpRequests.check_request								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
requests.check_request	5.459	5.479	5.494	5.501	5.508	5.478	100.0%	10
total	5.459	5.479	5.494	5.501	5.508	5.478	100.0%	10
-----								
Load duration: 16.4412920475								
Full duration: 18.8327140808								
run_rally - INFO - Test scenario: "requests" OK.								
run_rally - INFO -								
Rally Summary Report								
=====								
Module	Duration	nb. Test Run	Success					
=====								
authenticate	00:18	10	100.00%					
-----								
glance	01:28	7	100.00%					
-----								
cinder	16:35	50	100.00%					
-----								
heat	06:24	32	92.31%					
-----								
keystone	01:10	29	100.00%					
-----								
neutron	04:48	31	100.00%					
-----								
nova	25:39	61	100.00%					
-----								
quotas	00:36	7	94.28%					
-----								
requests	00:38	2	100.00%					
-----								
=====								
TOTAL:	00:57:39	229	98.51%					
=====								

## 3.6 SDN Controller

### 3.6.1 ODL

```
=====
Basic
=====
Basic.010 Restconf OK :: Test suite to verify Restconf is OK
```

```
=====  
Get Controller Modules :: Get the controller modules via Restconf      | PASS |  
-----  
Basic.010 Restconf OK :: Test suite to verify Restconf is OK          | PASS |  
1 critical test, 1 passed, 0 failed  
1 test total, 1 passed, 0 failed  
=====  
Basic                                                                    | PASS |  
1 critical test, 1 passed, 0 failed  
1 test total, 1 passed, 0 failed  
=====  
Output:  /home/opnfv/output.xml  
Log:     /home/opnfv/log.html  
Report:  /home/opnfv/report.html  
=====  
Neutron :: Test suite for Neutron Plugin  
=====  
Neutron.Networks :: Checking Network created in OpenStack are pushed to Ope...  
=====  
Check OpenStack Networks :: Checking OpenStack Neutron for known n... | PASS |  
-----  
Check OpenDaylight Networks :: Checking OpenDaylight Neutron API f... | PASS |  
-----  
Create Network :: Create new network in OpenStack                    | PASS |  
-----  
Check Network :: Check Network created in OpenDaylight                | PASS |  
-----  
Neutron.Networks :: Checking Network created in OpenStack are push... | PASS |  
4 critical tests, 4 passed, 0 failed  
4 tests total, 4 passed, 0 failed  
=====  
Neutron.Subnets :: Checking Subnets created in OpenStack are pushed to Open...  
=====  
Check OpenStack Subnets :: Checking OpenStack Neutron for known Su... | PASS |  
-----  
Check OpenDaylight subnets :: Checking OpenDaylight Neutron API fo... | PASS |  
-----  
Create New subnet :: Create new subnet in OpenStack                  | PASS |  
-----  
Check New subnet :: Check new subnet created in OpenDaylight          | PASS |  
-----  
Neutron.Subnets :: Checking Subnets created in OpenStack are pushe... | PASS |  
4 critical tests, 4 passed, 0 failed  
4 tests total, 4 passed, 0 failed  
=====  
Neutron.Ports :: Checking Port created in OpenStack are pushed to OpenDaylight  
=====  
Check OpenStack ports :: Checking OpenStack Neutron for known ports   | PASS |  
-----  
Check OpenDaylight ports :: Checking OpenDaylight Neutron API for ... | PASS |  
-----  
Create New Port :: Create new port in OpenStack                      | PASS |  
-----  
Check New Port :: Check new subnet created in OpenDaylight            | PASS |  
-----  
Neutron.Ports :: Checking Port created in OpenStack are pushed to ... | PASS |  
4 critical tests, 4 passed, 0 failed  
4 tests total, 4 passed, 0 failed
```

```

=====
Neutron.Delete Ports :: Checking Port deleted in OpenStack are deleted also...
=====
Delete New Port :: Delete previously created port in OpenStack          | PASS |
-----
Check Port Deleted :: Check port deleted in OpenDaylight              | PASS |
-----
Neutron.Delete Ports :: Checking Port deleted in OpenStack are del... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack are deleted...
=====
Delete New subnet :: Delete previously created subnet in OpenStack     | PASS |
-----
Check New subnet deleted :: Check subnet deleted in OpenDaylight       | PASS |
-----
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack ar... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron.Delete Networks :: Checking Network deleted in OpenStack are delete...
=====
Delete Network :: Delete network in OpenStack                          | PASS |
-----
Check Network deleted :: Check Network deleted in OpenDaylight         | PASS |
-----
Neutron.Delete Networks :: Checking Network deleted in OpenStack a... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron :: Test suite for Neutron Plugin                                | PASS |
18 critical tests, 18 passed, 0 failed
18 tests total, 18 passed, 0 failed

```

## 3.7 Feature tests

### 3.7.1 vIMS

```

FUNCTEST.info: Running vIMS test...
vIMS - INFO - Prepare OpenStack plateform (create tenant and user)
vIMS - INFO - Update OpenStack creds informations
vIMS - INFO - Upload some OS images if it doesn't exist
vIMS - INFO - centos_7 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - ubuntu_14.04 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - Update security group quota for this tenant
vIMS - INFO - Update cinder quota for this tenant
vIMS - INFO - Collect flavor id for cloudify manager server
vIMS - INFO - Prepare virtualenv for cloudify-cli
vIMS - INFO - Downloading the cloudify manager server blueprint
vIMS - INFO - Cloudify deployment Start Time:'2016-02-22 22:37:41'
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the cloudify-manager deployment

```

```
vIMS - INFO - Cloudify-manager server is UP !
vIMS - INFO - Cloudify deployment duration:'745.0'
vIMS - INFO - Collect flavor id for all clearwater vm
vIMS - INFO - vIMS VNF deployment Start Time:'2016-02-22 22:50:07'
vIMS - INFO - Downloading the openstack-blueprint.yaml blueprint
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the clearwater deployment
vIMS - INFO - The deployment of clearwater-opnfv is ended
vIMS - INFO - vIMS VNF deployment duration:'633.6'
vIMS - INFO - vIMS functional test Start Time:'2016-02-22 23:03:48'
vIMS - INFO - vIMS functional test duration:'4.1'
vIMS - INFO - Launching the clearwater-opnfv undeployment
vIMS - ERROR - Error when executing command /bin/bash -c 'source /home/opnfv/funcstest/data/vIMS/venv_
vIMS - INFO - Launching the cloudify-manager undeployment
vIMS - INFO - Cloudify-manager server has been successfully removed!
vIMS - INFO - Removing vIMS tenant ..
vIMS - INFO - Removing vIMS user ..
```

## 3.8 Detailed test results for compass-os-onos-nofeature-ha

### 3.9 VIM

#### 3.9.1 vping\_ssh

```
FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'funcstest-vping' from '/home/opnfv/funcstest/data/cirros-0.3.4-x86_6
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-22 16:24:22'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=defb6423-f831-4d2e-8a46-21171b471811
  network=47a5262f-1252-4ceb-b054-4d81216c1510

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=defb6423-f831-4d2e-8a46-21171b471811
  network=47a5262f-1252-4ceb-b054-4d81216c1510

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '192.168.10.102'
vPing_ssh- INFO - Associating floating ip: '192.168.10.102' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 192.168.10.102...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'262.5' s.
```

```
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK
```

### 3.9.2 Tempest

```
FUNCTEST.info: Running Tempest tests...
run_tempest - INFO - Creating tenant and user for Tempest suite
2016-02-22 16:28:55.743 23855 INFO rally.verification.tempest.tempest [-] Starting: Creating configuration
2016-02-22 16:29:00.285 23855 INFO rally.verification.tempest.tempest [-] Completed: Creating configuration

run_tempest - INFO - Starting Tempest test suite: '--tests-file /home/opnfv/repos/funcctest/testcases/
Total results of verification:

+-----+-----+-----+-----+-----+
| UUID | Deployment UUID | Set name | Tests | Fa
+-----+-----+-----+-----+-----+
| ac98ac8a-e502-4828-ad00-5b6b9428c346 | 55a7fc58-ad0f-475c-88c7-369043ae2719 | | 210 | 1
+-----+-----+-----+-----+-----+

Tests:

+-----+
| name
+-----+
| tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_get_flavor
| tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_list_flavors
| tempest.api.compute.images.test_images.ImagesTestJSON.test_delete_saving_image
| tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_delete_image
| tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_image_specify
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filter
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_limit
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_c
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_c
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_c
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_c
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_c
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_c
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_c
| tempest.api.compute.images.test_list_images.ListImagesTestJSON.test_get_image
| tempest.api.compute.images.test_list_images.ListImagesTestJSON.test_list_images
| tempest.api.compute.images.test_list_images.ListImagesTestJSON.test_list_images_with_detail
| tempest.api.compute.security_groups.test_security_group_rules.SecurityGroupRulesTestJSON.test_secu
| tempest.api.compute.security_groups.test_security_group_rules.SecurityGroupRulesTestJSON.test_secu
| tempest.api.compute.security_groups.test_security_groups.SecurityGroupsTestJSON.test_security_group
| tempest.api.compute.servers.test_attach_interfaces.AttachInterfacesTestJSON.test_add_remove_fixed_
| tempest.api.compute.servers.test_create_server.ServersTestJSON.test_host_name_is_same_as_server_nam
| tempest.api.compute.servers.test_create_server.ServersTestJSON.test_list_servers
| tempest.api.compute.servers.test_create_server.ServersTestJSON.test_list_servers_with_detail
| tempest.api.compute.servers.test_create_server.ServersTestJSON.test_verify_created_server_vcpus
| tempest.api.compute.servers.test_create_server.ServersTestJSON.test_verify_server_details
| tempest.api.compute.servers.test_create_server.ServersTestManualDisk.test_host_name_is_same_as_serv
| tempest.api.compute.servers.test_create_server.ServersTestManualDisk.test_list_servers
```



```

| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_a_server_of_a
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_get_non_existent_ser
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_invalid_ip_v6_addres
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_se
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_e
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_and
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_er
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_alt_user_tena
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_serv
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_serv
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
| tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_pass
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
| tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete
| tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
| tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixe
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_float
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port

```

```
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
```



```

| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basicops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-2216:29:01.778060', 'duration': 1082, 'tests': 2}
run_tempest - INFO - Pushing results to DB: 'http://testresults.opnfv.org/testapi/results'.
run_tempest - INFO - Deleting tenant and user for Tempest suite)
    
```

### 3.9.3 Rally

```

FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...
run_rally - INFO -
  Preparing input task
  Task 2944fcc5-089f-4ed8-851f-446508c45024: started
Task 2944fcc5-089f-4ed8-851f-446508c45024: finished

test scenario Authenticate.validate_glance
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.122 | 0.162  | 0.216  | 0.225  | 0.234 | 0.169 | 100.0%  | 10    |
| authenticate.validate_glance (2)    | 0.039 | 0.042  | 0.052  | 0.072  | 0.092 | 0.047 | 100.0%  | 10    |
| total                                | 0.258 | 0.3    | 0.34   | 0.34   | 0.341 | 0.299 | 100.0%  | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.893048048019
Full duration: 3.09276199341

test scenario Authenticate.keystone
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| total  | 0.066 | 0.072  | 0.074  | 0.074  | 0.074 | 0.071 | 100.0%  | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.233579874039
Full duration: 2.32735109329

test scenario Authenticate.validate_heat
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_heat         | 0.113 | 0.133  | 0.255  | 0.267  | 0.28  | 0.161 | 100.0%  | 10    |
| authenticate.validate_heat (2)    | 0.021 | 0.09   | 0.147  | 0.163  | 0.179 | 0.085 | 100.0%  | 10    |
| total                                | 0.254 | 0.338  | 0.389  | 0.402  | 0.415 | 0.327 | 100.0%  | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.968546152115
Full duration: 3.10294985771

test scenario Authenticate.validate_nova
    
```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_nova	0.111	0.119	0.17	0.179	0.187	0.133	100.0%	10	
authenticate.validate_nova (2)	0.023	0.035	0.042	0.048	0.054	0.036	100.0%	10	
total	0.214	0.225	0.291	0.291	0.292	0.243	100.0%	10	
Load duration: 0.725472211838									
Full duration: 2.86061501503									
test scenario Authenticate.validate_cinder									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_cinder	0.098	0.112	0.138	0.14	0.143	0.118	100.0%	10	
authenticate.validate_cinder (2)	0.058	0.071	0.077	0.078	0.078	0.07	100.0%	10	
total	0.221	0.256	0.312	0.313	0.313	0.267	100.0%	10	
Load duration: 0.797883033752									
Full duration: 2.91927695274									
test scenario Authenticate.validate_neutron									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_neutron	0.108	0.124	0.192	0.195	0.198	0.138	100.0%	10	
authenticate.validate_neutron (2)	0.028	0.08	0.102	0.102	0.102	0.074	100.0%	10	
total	0.207	0.273	0.346	0.353	0.359	0.281	100.0%	10	
Load duration: 0.847912073135									
Full duration: 3.07389783859									
run_rally - INFO - Test scenario: "authenticate" OK.									
run_rally - INFO - Starting test scenario "glance" ...									
run_rally - INFO -									
Preparing input task									
Task 2fff3869-9689-44d4-b372-dd41fa2a38ec: started									
Task 2fff3869-9689-44d4-b372-dd41fa2a38ec: finished									
test scenario GlanceImages.list_images									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
glance.list_images	0.177	0.232	0.296	0.298	0.3	0.241	100.0%	10	
total	0.177	0.232	0.296	0.298	0.3	0.241	100.0%	10	
Load duration: 0.697636127472									
Full duration: 3.5939040184									

```

test scenario GlanceImages.create_image_and_boot_instances
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 2.763 | 2.903 | 3.45   | 3.45   | 3.45   | 3.052 | 100.0% | 10   |
| nova.boot_servers  | 4.51  | 6.909 | 7.772  | 7.907  | 8.042  | 6.735 | 100.0% | 10   |
| total             | 7.273 | 10.244 | 10.662 | 10.752 | 10.842 | 9.787 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 28.153493166
Full duration: 53.9921939373

test scenario GlanceImages.create_and_list_image
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 3.066 | 3.262 | 3.685  | 3.718  | 3.751  | 3.328 | 100.0% | 10   |
| glance.list_images  | 0.04  | 0.047 | 0.059  | 0.063  | 0.066  | 0.049 | 100.0% | 10   |
| total             | 3.107 | 3.324 | 3.734  | 3.767  | 3.8     | 3.376 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 9.83786201477
Full duration: 14.2525467873

test scenario GlanceImages.create_and_delete_image
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 2.758 | 3.01   | 3.624  | 3.641  | 3.658  | 3.096 | 100.0% | 10   |
| glance.delete_image | 0.119 | 0.159 | 0.282  | 0.338  | 0.394  | 0.189 | 100.0% | 10   |
| total             | 2.887 | 3.164 | 3.878  | 3.884  | 3.89   | 3.285 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 9.57883381844
Full duration: 12.357642889

run_rally - INFO - Test scenario: "glance" OK.

run_rally - INFO - Starting test scenario "cinder" ...
run_rally - INFO -
  Preparing input task
  Task 76a5a912-68db-4001-b4a1-9beac5ae37ea: started
  Task 76a5a912-68db-4001-b4a1-9beac5ae37ea: finished

test scenario CinderVolumes.create_and_attach_volume
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server  | 3.805 | 4.389 | 5.707  | 6.126  | 6.546  | 4.733 | 100.0% | 10   |
| cinder.create_volume | 2.687 | 2.841 | 2.929  | 2.954  | 2.978  | 2.833 | 100.0% | 10   |
| nova.attach_volume | 7.618 | 7.963 | 8.416  | 9.348  | 10.28  | 8.167 | 100.0% | 10   |
| nova.detach_volume | 2.997 | 3.285 | 5.265  | 5.314  | 5.362  | 3.992 | 100.0% | 10   |
| cinder.delete_volume | 2.425 | 2.506 | 2.557  | 2.658  | 2.759  | 2.516 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.delete_server	2.379	2.447	2.618	2.639	2.659	2.478	100.0%	10
total	23.106	25.014	25.886	26.355	26.825	24.72	100.0%	10
-----								
Load duration: 75.3569400311								
Full duration: 87.994022131								
test scenario CinderVolumes.create_and_list_volume								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
cinder.create_volume	5.261	5.355	5.486	5.512	5.539	5.367	100.0%	10
cinder.list_volumes	0.069	0.121	0.135	0.151	0.168	0.12	100.0%	10
total	5.351	5.501	5.595	5.626	5.658	5.487	100.0%	10
-----								
Load duration: 16.505685091								
Full duration: 27.6703879833								
test scenario CinderVolumes.create_and_list_volume								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
cinder.create_volume	2.758	2.928	3.178	3.185	3.192	2.955	100.0%	10
cinder.list_volumes	0.11	0.124	0.158	0.159	0.161	0.128	100.0%	10
total	2.878	3.071	3.319	3.327	3.334	3.084	100.0%	10
-----								
Load duration: 9.14664101601								
Full duration: 20.325412035								
test scenario CinderVolumes.create_and_list_snapshots								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
cinder.create_snapshot	2.401	2.521	2.599	2.615	2.632	2.517	100.0%	10
cinder.list_snapshots	0.022	0.083	0.12	0.15	0.18	0.089	100.0%	10
total	2.474	2.588	2.729	2.753	2.776	2.606	100.0%	10
-----								
Load duration: 7.73569321632								
Full duration: 31.2840220928								
test scenario CinderVolumes.create_and_delete_volume								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
cinder.create_volume	2.796	2.999	3.144	3.15	3.156	2.996	100.0%	10
cinder.delete_volume	2.455	2.614	2.708	2.725	2.742	2.616	100.0%	10
total	5.328	5.602	5.851	5.868	5.885	5.612	100.0%	10
-----								
Load duration: 16.477782011								
Full duration: 22.7058889866								

FuncTest test results, Release brahmaputra.3.0 (41850cb)

test scenario CinderVolumes.create_and_delete_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	2.919	5.48	5.628	5.639	5.649	5.227	100.0%	10	
cinder.delete_volume	2.526	2.693	2.72	2.755	2.79	2.663	100.0%	10	
total	5.62	8.087	8.341	8.375	8.409	7.89	100.0%	10	
-----									
Load duration: 24.1292200089									
Full duration: 30.4960770607									
test scenario CinderVolumes.create_and_delete_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	2.85	2.948	3.049	3.07	3.09	2.953	100.0%	10	
cinder.delete_volume	2.464	2.529	2.614	2.615	2.615	2.54	100.0%	10	
total	5.325	5.506	5.652	5.656	5.661	5.493	100.0%	10	
-----									
Load duration: 16.3896708488									
Full duration: 22.6766388416									
test scenario CinderVolumes.create_and_upload_volume_to_image									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	2.872	3.051	3.667	3.678	3.688	3.15	100.0%	10	
cinder.upload_volume_to_image	28.915	62.489	77.495	77.616	77.736	60.612	100.0%	10	
cinder.delete_volume	2.362	2.491	2.538	2.611	2.684	2.494	100.0%	10	
nova.delete_image	0.209	0.455	0.893	0.906	0.919	0.514	100.0%	10	
total	35.229	68.483	83.109	83.228	83.346	66.77	100.0%	10	
-----									
Load duration: 193.43104291									
Full duration: 200.303003073									
test scenario CinderVolumes.create_and_delete_snapshot									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_snapshot	2.422	2.503	2.568	2.571	2.575	2.507	100.0%	10	
cinder.delete_snapshot	2.313	2.444	2.482	2.492	2.501	2.427	100.0%	10	
total	4.793	4.964	5.013	5.018	5.024	4.935	100.0%	10	
-----									
Load duration: 14.7233128548									
Full duration: 33.1759068966									
test scenario CinderVolumes.create_volume									
-----									
Response Times (sec)									
-----									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.844	2.948	3.269	3.319	3.369	3.015	100.0%	10
total	2.844	2.948	3.269	3.319	3.369	3.015	100.0%	10

Load duration: 8.9167098999  
Full duration: 18.3895540237

test scenario CinderVolumes.create\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.854	2.953	3.096	3.121	3.146	2.98	100.0%	10
total	2.854	2.953	3.096	3.121	3.146	2.98	100.0%	10

Load duration: 8.90475797653  
Full duration: 20.1169910431

test scenario CinderVolumes.list\_volumes

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.list_volumes	0.228	0.266	0.286	0.317	0.348	0.268	100.0%	10
total	0.228	0.266	0.287	0.317	0.348	0.268	100.0%	10

Load duration: 0.792151927948  
Full duration: 47.0951080322

test scenario CinderVolumes.create\_nested\_snapshots\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.829	2.905	2.967	2.969	2.971	2.899	100.0%	10
cinder.create_snapshot	2.302	2.402	2.432	2.455	2.478	2.392	100.0%	10
nova.attach_volume	7.72	7.953	11.462	12.036	12.61	8.943	100.0%	10
nova.detach_volume	2.903	4.153	5.343	5.534	5.724	4.179	100.0%	10
cinder.delete_snapshot	2.258	2.311	2.403	2.446	2.49	2.331	100.0%	10
cinder.delete_volume	2.387	2.497	2.6	2.623	2.647	2.496	100.0%	10
total	21.145	23.329	26.38	26.678	26.977	23.543	100.0%	10

Load duration: 68.2392091751  
Full duration: 106.915300131

test scenario CinderVolumes.create\_from\_volume\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	7.712	12.285	17.231	18.187	19.144	12.995	100.0%	10
cinder.delete_volume	2.494	2.633	4.76	4.808	4.856	3.025	100.0%	10
total	10.216	16.032	19.868	20.756	21.645	16.019	100.0%	10

FuncTest test results, Release brahmaputra.3.0 (41850cb)

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 44.5057139397
Full duration: 63.1546430588

test scenario CinderVolumes.create_and_extend_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume                | 2.887 | 2.994  | 3.283  | 3.324  | 3.364  | 3.038  | 100.0% | 10    |
| cinder.extend_volume                 | 2.593 | 2.748  | 2.812  | 2.924  | 3.037  | 2.754  | 100.0% | 10    |
| cinder.delete_volume                 | 2.417 | 2.569  | 2.707  | 2.724  | 2.74   | 2.562  | 100.0% | 10    |
| total                                | 8.03  | 8.369  | 8.538  | 8.631  | 8.723  | 8.353  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 24.8781170845
Full duration: 31.6701009274

test scenario CinderVolumes.create_snapshot_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume                | 2.736 | 2.972  | 3.155  | 3.173  | 3.19   | 2.98   | 100.0% | 10    |
| cinder.create_snapshot               | 2.321 | 2.38   | 2.392  | 2.399  | 2.406  | 2.369  | 100.0% | 10    |
| nova.attach_volume                  | 7.503 | 7.861  | 12.563 | 13.795 | 15.028 | 9.196  | 100.0% | 10    |
| nova.detach_volume                  | 3.269 | 5.314  | 5.356  | 5.366  | 5.375  | 4.908  | 100.0% | 10    |
| cinder.delete_snapshot               | 2.21  | 2.305  | 2.435  | 2.442  | 2.45   | 2.323  | 100.0% | 10    |
| cinder.delete_volume                 | 2.413 | 2.499  | 2.584  | 2.597  | 2.611  | 2.505  | 100.0% | 10    |
| total                                | 21.356 | 23.78  | 28.296 | 29.607 | 30.917 | 24.594 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 70.9472367764
Full duration: 114.492169142

test scenario CinderVolumes.create_snapshot_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume                | 2.736 | 2.845  | 3.037  | 3.081  | 3.125  | 2.876  | 100.0% | 10    |
| cinder.create_snapshot               | 2.343 | 2.399  | 2.462  | 2.479  | 2.495  | 2.405  | 100.0% | 10    |
| nova.attach_volume                  | 7.59  | 7.737  | 13.073 | 16.133 | 19.193 | 9.585  | 100.0% | 10    |
| nova.detach_volume                  | 2.916 | 5.205  | 5.382  | 5.39   | 5.397  | 4.608  | 100.0% | 10    |
| cinder.delete_snapshot               | 2.203 | 2.364  | 2.427  | 2.455  | 2.483  | 2.347  | 100.0% | 10    |
| cinder.delete_volume                 | 2.421 | 2.547  | 2.613  | 2.662  | 2.71   | 2.55   | 100.0% | 10    |
| total                                | 21.034 | 23.722 | 27.391 | 31.314 | 35.237 | 24.898 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 73.5739891529
Full duration: 116.225493908

run_rally - INFO - Test scenario: "cinder" OK.

run_rally - INFO - Starting test scenario "heat" ...
run_rally - INFO -
    Preparing input task
    Task c9827201-74f8-41fc-8510-938cca773ec1: started

```

Task c9827201-74f8-41fc-8510-938cca773ec1: finished

test scenario HeatStacks.create\_suspend\_resume\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.872	3.106	3.406	3.484	3.562	3.155	100.0%	10
heat.suspend_stack	0.442	0.625	1.717	1.738	1.759	0.931	100.0%	10
heat.resume_stack	0.537	1.658	1.746	1.816	1.886	1.424	100.0%	10
heat.delete_stack	0.502	1.432	1.591	1.6	1.609	1.362	100.0%	10
total	5.462	6.793	8.103	8.346	8.589	6.872	100.0%	10

Load duration: 19.5646238327

Full duration: 22.7670919895

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.903	3.075	3.47	3.485	3.501	3.168	100.0%	10
heat.delete_stack	0.399	1.444	1.664	1.668	1.672	1.316	100.0%	10
total	3.367	4.479	4.942	5.031	5.12	4.484	100.0%	10

Load duration: 13.5260851383

Full duration: 16.6767499447

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	10.422	12.344	12.812	13.47	14.128	12.097	100.0%	10
heat.delete_stack	6.869	8.251	9.518	9.918	10.317	8.407	100.0%	10
total	18.742	20.619	22.144	22.228	22.313	20.504	100.0%	10

Load duration: 60.1647601128

Full duration: 63.2413249016

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	12.861	14.13	16.111	16.328	16.545	14.294	100.0%	10
heat.delete_stack	8.256	8.951	9.675	9.958	10.241	8.968	100.0%	10
total	21.289	22.778	24.964	25.875	26.786	23.262	100.0%	10

Load duration: 70.9971709251

Full duration: 74.4355139732

test scenario HeatStacks.list\_stacks\_and\_resources



FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.list_stacks	0.221	0.269	0.393	0.397	0.401	0.29	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.221	0.269	0.393	0.397	0.401	0.29	100.0%	10	
Load duration: 0.845721006393									
Full duration: 3.40288186073									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	2.871	3.088	3.407	3.415	3.422	3.124	100.0%	10	
heat.update_stack	2.568	3.106	3.925	3.953	3.981	3.187	100.0%	10	
heat.delete_stack	1.369	1.555	1.647	1.686	1.724	1.55	100.0%	10	
total	7.072	7.871	8.535	8.749	8.963	7.861	100.0%	10	
Load duration: 24.2382650375									
Full duration: 27.7685508728									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	2.836	3.105	3.233	3.257	3.281	3.098	100.0%	10	
heat.update_stack	2.501	2.628	3.613	3.804	3.995	2.859	100.0%	10	
heat.delete_stack	0.298	0.994	1.511	1.565	1.62	1.001	100.0%	10	
total	5.886	6.758	8.232	8.564	8.895	6.957	100.0%	10	
Load duration: 20.5952920914									
Full duration: 23.9688129425									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	2.896	3.156	3.462	3.752	4.042	3.241	100.0%	10	
heat.update_stack	4.942	5.218	5.956	6.09	6.224	5.42	100.0%	10	
heat.delete_stack	1.551	1.665	2.721	2.788	2.856	2.038	100.0%	10	
total	9.408	10.658	11.602	11.761	11.92	10.7	100.0%	10	
Load duration: 31.6187429428									
Full duration: 35.1271891594									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

total	n/a	n/a	n/a	n/a	n/a	n/a	0.0%	5
Load duration: 6.39157295227								
Full duration: 14.0238859653								
test scenario HeatStacks.create_update_delete_stack								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.944	3.08	3.202	3.309	3.415	3.09	100.0%	10
heat.update_stack	4.794	5.017	5.255	5.579	5.904	5.077	100.0%	10
heat.delete_stack	1.435	1.866	2.632	2.657	2.682	1.998	100.0%	10
total	9.394	10.052	10.876	10.903	10.93	10.165	100.0%	10
Load duration: 30.0142600536								
Full duration: 33.6354219913								
test scenario HeatStacks.create_update_delete_stack								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.874	3.099	3.257	3.296	3.334	3.084	100.0%	10
heat.update_stack	3.576	3.724	4.103	4.118	4.132	3.804	100.0%	10
heat.delete_stack	0.597	1.497	1.641	1.685	1.73	1.368	100.0%	10
total	7.498	8.373	8.618	8.72	8.823	8.256	100.0%	10
Load duration: 24.9089329243								
Full duration: 28.905012846								
test scenario HeatStacks.create_and_list_stack								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.986	3.186	3.26	3.309	3.358	3.166	100.0%	10
heat.list_stacks	0.035	0.163	0.192	0.205	0.218	0.128	100.0%	10
total	3.039	3.305	3.472	3.495	3.518	3.294	100.0%	10
Load duration: 9.91034293175								
Full duration: 16.8483679295								
test scenario HeatStacks.create_check_delete_stack								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.822	3.0	3.403	3.446	3.489	3.098	100.0%	10
heat.check_stack	0.309	0.676	0.899	0.908	0.917	0.632	100.0%	10
heat.delete_stack	0.504	1.466	1.619	1.685	1.751	1.235	100.0%	10
total	3.978	5.166	5.376	5.433	5.49	4.964	100.0%	10

Load duration: 15.3095350266  
 Full duration: 19.0696201324

run\_rally - INFO - Test scenario: "heat" Failed.

run\_rally - INFO - Starting test scenario "keystone" ...

run\_rally - INFO -

Preparing input task

Task b0246610-2dd7-4817-be66-9315ab169066: started

Task b0246610-2dd7-4817-be66-9315ab169066: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.11	0.13	0.144	0.153	0.161	0.131	100.0%	10
keystone.create_users	0.628	0.692	0.803	0.847	0.89	0.717	100.0%	10
total	0.755	0.826	0.934	0.979	1.025	0.849	100.0%	10

Load duration: 2.49157500267  
 Full duration: 12.6573908329

test scenario KeystoneBasic.create\_add\_and\_list\_user\_roles

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.11	0.114	0.125	0.127	0.129	0.117	100.0%	10
keystone.add_role	0.087	0.099	0.117	0.134	0.152	0.105	100.0%	10
keystone.list_roles	0.049	0.053	0.068	0.084	0.101	0.059	100.0%	10
total	0.261	0.277	0.302	0.307	0.313	0.281	100.0%	10

Load duration: 0.859135150909  
 Full duration: 5.88745498657

test scenario KeystoneBasic.add\_and\_remove\_user\_role

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.109	0.188	0.253	0.27	0.287	0.184	100.0%	10
keystone.add_role	0.087	0.1	0.119	0.125	0.13	0.103	100.0%	10
keystone.remove_role	0.06	0.069	0.173	0.196	0.218	0.102	100.0%	10
total	0.263	0.393	0.518	0.556	0.594	0.39	100.0%	10

Load duration: 1.32334089279  
 Full duration: 6.50031495094

test scenario KeystoneBasic.create\_update\_and\_delete\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

keystone.create_tenant	0.108	0.217	0.267	0.272	0.277	0.192	100.0%	10	
keystone.update_tenant	0.05	0.057	0.062	0.068	0.074	0.058	100.0%	10	
keystone.delete_tenant	0.119	0.132	0.141	0.142	0.142	0.132	100.0%	10	
total	0.289	0.392	0.46	0.462	0.465	0.381	100.0%	10	

Load duration: 1.16795897484  
Full duration: 5.16257286072

test scenario KeystoneBasic.create\_and\_delete\_service

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_service	0.105	0.121	0.153	0.169	0.185	0.13	100.0%	10	
keystone.delete_service	0.053	0.06	0.065	0.072	0.079	0.061	100.0%	10	
total	0.169	0.182	0.23	0.234	0.239	0.191	100.0%	10	

Load duration: 0.56450510025  
Full duration: 4.22321987152

test scenario KeystoneBasic.create\_tenant

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.112	0.138	0.161	0.165	0.168	0.14	100.0%	10	
total	0.112	0.138	0.161	0.165	0.168	0.14	100.0%	10	

Load duration: 0.417885065079  
Full duration: 4.0450899601

test scenario KeystoneBasic.create\_user

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.126	0.177	0.186	0.189	0.191	0.164	100.0%	10	
total	0.126	0.177	0.186	0.189	0.191	0.164	100.0%	10	

Load duration: 0.485447883606  
Full duration: 4.35393500328

test scenario KeystoneBasic.create\_and\_list\_tenants

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.117	0.13	0.139	0.139	0.14	0.129	100.0%	10	
keystone.list_tenants	0.047	0.053	0.094	0.107	0.121	0.063	100.0%	10	
total	0.167	0.186	0.212	0.233	0.253	0.192	100.0%	10	

Load duration: 0.566509962082  
Full duration: 5.80973696709

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

```

test scenario KeystoneBasic.create_and_delete_role
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| keystone.create_role | 0.109 | 0.227  | 0.291  | 0.3    | 0.308 | 0.205 | 100.0% | 10    |
| keystone.delete_role | 0.106 | 0.114  | 0.238  | 0.25   | 0.263 | 0.14  | 100.0% | 10    |
| total           | 0.222 | 0.34   | 0.544  | 0.548  | 0.552 | 0.345 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.969199895859
Full duration: 5.0005710125

test scenario KeystoneBasic.get_entities
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| keystone.create_tenant | 0.115 | 0.13   | 0.153  | 0.154  | 0.154 | 0.131 | 100.0% | 10    |
| keystone.create_user   | 0.059 | 0.063  | 0.068  | 0.075  | 0.083 | 0.065 | 100.0% | 10    |
| keystone.create_role   | 0.046 | 0.06   | 0.085  | 0.085  | 0.086 | 0.061 | 100.0% | 10    |
| keystone.get_tenant    | 0.044 | 0.051  | 0.058  | 0.06   | 0.062 | 0.051 | 100.0% | 10    |
| keystone.get_user      | 0.052 | 0.067  | 0.103  | 0.106  | 0.109 | 0.07  | 100.0% | 10    |
| keystone.get_role      | 0.042 | 0.049  | 0.066  | 0.067  | 0.068 | 0.052 | 100.0% | 10    |
| keystone.service_list  | 0.044 | 0.05   | 0.067  | 0.083  | 0.099 | 0.055 | 100.0% | 10    |
| keystone.get_service   | 0.041 | 0.044  | 0.051  | 0.052  | 0.054 | 0.046 | 100.0% | 10    |
| total                 | 0.489 | 0.533  | 0.57   | 0.572  | 0.574 | 0.532 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.58059597015
Full duration: 9.58514809608

test scenario KeystoneBasic.create_and_list_users
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| keystone.create_user   | 0.129 | 0.139  | 0.153  | 0.167  | 0.181 | 0.143 | 100.0% | 10    |
| keystone.list_users    | 0.046 | 0.054  | 0.073  | 0.079  | 0.084 | 0.06  | 100.0% | 10    |
| total                 | 0.185 | 0.198  | 0.222  | 0.227  | 0.232 | 0.203 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.615728855133
Full duration: 4.46038007736

run_rally - INFO - Test scenario: "keystone" OK.

run_rally - INFO - Starting test scenario "neutron" ...
run_rally - INFO -
  Preparing input task
  Task 60b0f938-d4b3-4eae-9392-3ac4c8a6a4b7: started
  Task 60b0f938-d4b3-4eae-9392-3ac4c8a6a4b7: finished

test scenario NeutronNetworks.create_and_delete_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

neutron.create_port	0.448	0.508	0.67	0.679	0.687	0.525	100.0%	10	
neutron.delete_port	0.152	0.299	0.373	0.376	0.378	0.301	100.0%	10	
total	0.6	0.817	0.958	0.977	0.995	0.826	100.0%	10	

Load duration: 2.44042801857  
 Full duration: 24.5799560547

test scenario NeutronNetworks.create\_and\_list\_routers

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.392	0.512	0.61	0.629	0.649	0.519	100.0%	10	
neutron.create_router	0.032	0.176	0.253	0.254	0.256	0.156	100.0%	10	
neutron.add_interface_router	0.227	0.375	0.444	0.468	0.492	0.366	100.0%	10	
neutron.list_routers	0.03	0.151	0.184	0.196	0.207	0.115	100.0%	10	
total	0.942	1.153	1.326	1.377	1.429	1.157	100.0%	10	

Load duration: 3.41682577133  
 Full duration: 27.1603848934

test scenario NeutronNetworks.create\_and\_delete\_routers

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.406	0.478	0.571	0.602	0.634	0.488	100.0%	10	
neutron.create_router	0.032	0.189	0.275	0.28	0.284	0.183	100.0%	10	
neutron.add_interface_router	0.232	0.326	0.474	0.479	0.484	0.337	100.0%	10	
neutron.remove_interface_router	0.163	0.25	0.492	0.5	0.508	0.288	100.0%	10	
neutron.delete_router	0.126	0.229	0.301	0.356	0.41	0.224	100.0%	10	
total	1.294	1.49	1.698	1.753	1.807	1.52	100.0%	10	

Load duration: 4.38407206535  
 Full duration: 28.0664179325

test scenario NeutronNetworks.create\_and\_list\_ports

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.433	0.663	0.718	0.718	0.719	0.601	100.0%	10	
neutron.list_ports	0.089	0.231	0.345	0.385	0.425	0.243	100.0%	10	
total	0.524	0.843	1.028	1.072	1.117	0.844	100.0%	10	

Load duration: 2.59062600136  
 Full duration: 25.9457578659

test scenario NeutronNetworks.create\_and\_delete\_subnets

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

neutron.create_subnet	0.387	0.429	0.52	0.533	0.545	0.452	100.0%	10	
neutron.delete_subnet	0.144	0.296	0.356	0.367	0.378	0.275	100.0%	10	
total	0.573	0.733	0.811	0.829	0.846	0.727	100.0%	10	

Load duration: 2.22101807594  
Full duration: 24.9812419415

test scenario NeutronNetworks.create\_and\_delete\_networks

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.293	0.395	0.476	0.482	0.488	0.397	100.0%	10	
neutron.delete_network	0.103	0.24	0.332	0.344	0.357	0.228	100.0%	10	
total	0.471	0.585	0.766	0.798	0.829	0.625	100.0%	10	

Load duration: 1.84316086769  
Full duration: 14.2107710838

test scenario NeutronNetworks.create\_and\_list\_networks

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.31	0.347	0.452	0.454	0.455	0.362	100.0%	10	
neutron.list_networks	0.042	0.111	0.199	0.24	0.281	0.124	100.0%	10	
total	0.358	0.493	0.603	0.624	0.644	0.486	100.0%	10	

Load duration: 1.45903801918  
Full duration: 15.4646441936

test scenario NeutronNetworks.create\_and\_update\_routers

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.382	0.419	0.612	0.613	0.614	0.478	100.0%	10	
neutron.create_router	0.033	0.176	0.22	0.239	0.258	0.149	100.0%	10	
neutron.add_interface_router	0.229	0.272	0.394	0.458	0.522	0.307	100.0%	10	
neutron.update_router	0.091	0.252	0.307	0.324	0.342	0.221	100.0%	10	
total	0.938	1.105	1.328	1.406	1.484	1.156	100.0%	10	

Load duration: 3.27084898949  
Full duration: 27.761991024

test scenario NeutronNetworks.create\_and\_update\_networks

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.306	0.356	0.425	0.429	0.433	0.366	100.0%	10	
neutron.update_network	0.113	0.27	0.33	0.337	0.343	0.24	100.0%	10	
total	0.423	0.611	0.763	0.763	0.764	0.606	100.0%	10	

Load duration: 1.81449484825  
 Full duration: 15.7938911915

test scenario NeutronNetworks.create\_and\_update\_ports

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.431	0.488	0.702	0.707	0.711	0.521	100.0%	10	
neutron.update_port	0.11	0.256	0.37	0.39	0.409	0.23	100.0%	10	
total	0.541	0.758	0.865	0.987	1.11	0.752	100.0%	10	

Load duration: 2.09433794022  
 Full duration: 26.3668129444

test scenario NeutronNetworks.create\_and\_list\_subnets

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.391	0.421	0.542	0.558	0.574	0.449	100.0%	10	
neutron.list_subnets	0.059	0.135	0.295	0.332	0.37	0.163	100.0%	10	
total	0.45	0.631	0.736	0.752	0.769	0.612	100.0%	10	

Load duration: 1.75437092781  
 Full duration: 25.2292289734

test scenario NeutronNetworks.create\_and\_update\_subnets

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.4	0.45	0.535	0.536	0.537	0.462	100.0%	10	
neutron.update_subnet	0.158	0.306	0.397	0.412	0.427	0.3	100.0%	10	
total	0.564	0.773	0.88	0.904	0.929	0.763	100.0%	10	

Load duration: 2.266477108  
 Full duration: 25.2276790142

```
run_rally - INFO - Test scenario: "neutron" OK.

run_rally - INFO - Starting test scenario "nova" ...
run_rally - INFO -
    Preparing input task
    Task 51b9485f-50cd-43c0-89c7-901e4b55ffa4: started
    Task 51b9485f-50cd-43c0-89c7-901e4b55ffa4: finished
```

test scenario NovaKeypair.create\_and\_delete\_keypair

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.378	0.469	0.572	0.585	0.599	0.487	100.0%	10	
nova.delete_keypair	0.018	0.021	0.031	0.032	0.032	0.023	100.0%	10	



## FuncTest test results, Release brahmaputra.3.0 (41850cb)

total	0.41	0.487	0.592	0.607	0.621	0.51	100.0%	10	
-----									
Load duration: 1.44199299812									
Full duration: 14.8640050888									
test scenario NovaServers.snapshot_server									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.boot_server	3.252	5.309	6.304	6.39	6.476	5.049	100.0%	10	
nova.create_image	27.858	48.811	65.726	65.73	65.734	47.725	100.0%	10	
nova.delete_server	2.519	2.96	5.038	5.043	5.047	3.302	100.0%	10	
nova.boot_server (2)	14.132	28.496	38.684	44.307	49.929	28.943	100.0%	10	
nova.delete_server (2)	2.39	4.627	7.042	7.135	7.229	4.368	100.0%	10	
nova.delete_image	0.317	0.482	1.285	1.976	2.667	0.749	100.0%	10	
total	61.01	97.217	121.154	121.205	121.255	90.137	100.0%	10	
-----									
Load duration: 248.724915028									
Full duration: 271.744755983									
test scenario NovaKeypair.boot_and_delete_server_with_keypair									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.create_keypair	0.436	0.508	0.611	0.618	0.624	0.52	100.0%	10	
nova.boot_server	3.084	4.238	6.002	6.114	6.226	4.436	100.0%	10	
nova.delete_server	2.385	2.558	3.021	3.844	4.667	2.752	100.0%	10	
nova.delete_keypair	0.015	0.02	0.024	0.024	0.025	0.02	100.0%	10	
total	5.997	7.197	9.438	10.178	10.917	7.728	100.0%	10	
-----									
Load duration: 22.9343290329									
Full duration: 44.7740108967									
test scenario NovaKeypair.create_and_list_keypairs									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.create_keypair	0.367	0.477	0.546	0.584	0.622	0.473	100.0%	10	
nova.list_keypairs	0.014	0.019	0.025	0.028	0.03	0.021	100.0%	10	
total	0.384	0.501	0.565	0.601	0.636	0.494	100.0%	10	
-----									
Load duration: 1.53178596497									
Full duration: 16.4732458591									
test scenario NovaServers.list_servers									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.list_servers	0.588	0.656	0.754	0.774	0.795	0.663	100.0%	10	
total	0.589	0.656	0.754	0.775	0.795	0.663	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Load duration: 1.98694491386									
Full duration: 47.495290041									
test scenario NovaServers.resize_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.412	4.572	6.064	6.069	6.073	4.644	100.0%	10	
nova.resize	21.205	34.251	42.136	42.238	42.34	31.684	100.0%	10	
nova.resize_confirm	2.364	2.437	2.588	2.638	2.688	2.479	100.0%	10	
nova.delete_server	2.38	2.427	2.64	2.727	2.814	2.475	100.0%	10	
total	29.399	43.496	53.296	53.299	53.302	41.282	100.0%	10	
Load duration: 112.265089989									
Full duration: 126.299309015									
test scenario NovaServers.boot_server_from_volume_and_delete									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.376	4.574	6.275	6.295	6.315	4.705	100.0%	10	
nova.boot_server	8.443	9.25	11.22	11.494	11.768	9.658	100.0%	10	
nova.delete_server	4.478	4.614	4.912	5.81	6.708	4.799	100.0%	10	
total	16.358	19.136	21.665	22.113	22.56	19.163	100.0%	10	
Load duration: 56.0801298618									
Full duration: 85.6200530529									
test scenario NovaServers.boot_and_migrate_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.498	4.001	5.998	6.132	6.267	4.49	100.0%	10	
nova.stop_server	4.649	13.73	15.606	15.699	15.791	11.515	100.0%	10	
nova.migrate	15.233	21.214	29.778	29.939	30.099	22.004	100.0%	10	
nova.resize_confirm	2.366	2.398	2.559	2.699	2.838	2.451	100.0%	10	
nova.delete_server	2.384	2.428	2.527	2.567	2.606	2.444	100.0%	10	
total	35.813	43.101	49.38	49.998	50.616	42.904	100.0%	10	
Load duration: 121.644474983									
Full duration: 135.548355818									
test scenario NovaServers.boot_and_delete_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.484	6.119	7.588	7.617	7.647	5.778	100.0%	10	
nova.delete_server	2.393	2.758	4.763	4.817	4.872	3.438	100.0%	10	
total	5.885	8.701	12.336	12.358	12.379	9.216	100.0%	10	

FuncTest test results, Release brahmaputra.3.0 (41850cb)

Load duration: 26.0077610016									
Full duration: 48.9747579098									
test scenario NovaServers.boot_and_rebuild_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.5	4.786	6.225	6.257	6.289	4.859	100.0%	10	
nova.rebuild_server	6.349	11.303	17.156	17.218	17.279	11.611	100.0%	10	
nova.delete_server	2.381	2.441	2.549	2.55	2.552	2.464	100.0%	10	
total	13.553	18.971	23.648	24.245	24.842	18.934	100.0%	10	
Load duration: 52.6579520702									
Full duration: 75.2351601124									
test scenario NovaSecGroup.create_and_list_secgroups									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	1.386	2.017	2.077	2.091	2.106	1.84	100.0%	10	
nova.create_100_rules	8.891	10.215	10.514	10.722	10.929	10.096	100.0%	10	
nova.list_security_groups	0.107	0.152	0.269	0.288	0.307	0.171	100.0%	10	
total	10.858	12.348	12.575	12.61	12.645	12.108	100.0%	10	
Load duration: 35.6299619675									
Full duration: 63.5884320736									
test scenario NovaSecGroup.create_and_delete_secgroups									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	1.387	1.712	2.11	2.114	2.118	1.782	100.0%	10	
nova.create_100_rules	8.912	9.991	10.333	10.39	10.447	9.849	100.0%	10	
nova.delete_10_security_groups	0.735	0.953	1.042	1.101	1.161	0.955	100.0%	10	
total	11.2	12.869	13.019	13.049	13.079	12.586	100.0%	10	
Load duration: 37.0498371124									
Full duration: 51.703150034									
test scenario NovaServers.boot_and_bounce_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.232	4.745	6.322	6.339	6.356	4.884	100.0%	10	
nova.reboot_server	4.43	4.579	4.667	4.687	4.707	4.59	100.0%	10	
nova.soft_reboot_server	4.722	6.782	18.815	72.233	125.65	18.46	100.0%	10	
nova.stop_server	4.631	4.711	6.14	10.834	15.527	5.852	100.0%	10	
nova.start_server	2.625	2.712	3.141	3.595	4.048	2.891	100.0%	10	
nova.rescue_server	6.624	11.131	17.578	17.69	17.803	11.544	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.unrescue_server	2.293	4.467	4.631	4.634	4.636	3.681	100.0%	10
nova.delete_server	2.346	2.407	2.563	2.572	2.581	2.442	100.0%	10
total	35.909	44.054	60.343	108.964	157.584	54.354	100.0%	10
-----								
Load duration: 157.603001118								
Full duration: 179.857326031								
test scenario NovaServers.boot_server								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
nova.boot_server	3.435	4.325	6.075	6.183	6.292	4.629	100.0%	10
total	3.435	4.325	6.075	6.183	6.292	4.629	100.0%	10
-----								
Load duration: 13.5383079052								
Full duration: 36.4747169018								
test scenario NovaSecGroup.boot_and_delete_server_with_secgroups								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
nova.create_10_security_groups	1.622	1.87	1.968	2.066	2.163	1.846	100.0%	10
nova.create_100_rules	8.778	9.885	10.429	10.484	10.538	9.786	100.0%	10
nova.boot_server	4.372	5.705	6.744	6.784	6.825	5.534	100.0%	10
nova.get_attached_security_groups	0.145	0.15	0.163	0.171	0.179	0.154	100.0%	10
nova.delete_server	2.392	2.532	4.639	4.677	4.715	3.324	100.0%	10
nova.delete_10_security_groups	0.762	0.811	1.001	1.056	1.112	0.864	100.0%	10
total	18.434	20.813	24.815	24.847	24.879	21.508	100.0%	10
-----								
Load duration: 64.179831028								
Full duration: 87.2896039486								
test scenario NovaServers.pause_and_unpause_server								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
nova.boot_server	3.419	4.899	6.417	6.437	6.457	4.897	100.0%	10
nova.pause_server	2.319	2.452	2.541	2.574	2.607	2.443	100.0%	10
nova.unpause_server	2.291	2.397	2.512	2.565	2.619	2.409	100.0%	10
nova.delete_server	2.36	2.542	3.024	3.769	4.514	2.719	100.0%	10
total	10.572	12.299	14.07	14.773	15.475	12.469	100.0%	10
-----								
Load duration: 36.6686770916								
Full duration: 59.3664259911								
test scenario NovaServers.boot_server_from_volume								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
cinder.create_volume	3.258	3.501	5.924	5.949	5.974	4.155	100.0%	10
-----								

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.boot_server	7.572	8.821	12.368	12.983	13.598	9.51	100.0%	10	
total	11.135	12.15	18.14	18.856	19.572	13.665	100.0%	10	
-----									
Load duration: 38.717217207									
Full duration: 73.4654810429									
test scenario NovaServers.boot_and_list_server									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
nova.boot_server	3.569	4.788	6.354	6.43	6.506	4.924	100.0%	10	
nova.list_servers	0.189	0.37	0.447	0.453	0.46	0.346	100.0%	10	
total	3.757	5.231	6.727	6.745	6.763	5.27	100.0%	10	
-----									
Load duration: 14.4698469639									
Full duration: 47.3727209568									
run_rally - INFO - Test scenario: "nova" OK.									
run_rally - INFO - Starting test scenario "quotas" ...									
run_rally - INFO -									
Preparing input task									
Task 9226e59f-9bfb-44aa-8641-99f492cd92a9: started									
Task 9226e59f-9bfb-44aa-8641-99f492cd92a9: finished									
test scenario Quotas.cinder_update									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
quotas.update_quotas	0.6	0.64	0.688	0.721	0.754	0.649	100.0%	10	
total	0.6	0.64	0.688	0.721	0.754	0.649	100.0%	10	
-----									
Load duration: 1.92687010765									
Full duration: 7.31987595558									
test scenario Quotas.neutron_update									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
quotas.update_quotas	0.217	0.255	0.377	0.401	0.424	0.28	100.0%	10	
total	0.28	0.325	0.445	0.469	0.492	0.346	100.0%	10	
-----									
Load duration: 1.03654098511									
Full duration: 6.59040594101									
test scenario Quotas.cinder_update_and_delete									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
quotas.update_quotas	0.588	0.651	0.699	0.702	0.705	0.652	100.0%	10	
-----									

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

quotas.delete_quotas	0.389	0.434	0.5	0.527	0.554	0.449	100.0%	10	
total	1.011	1.097	1.176	1.179	1.182	1.101	100.0%	10	
-----									
Load duration: 3.32944512367									
Full duration: 8.96466994286									
test scenario Quotas.nova_update_and_delete									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
quotas.update_quotas	0.322	0.358	0.54	0.633	0.726	0.407	100.0%	10	
quotas.delete_quotas	0.016	0.022	0.028	0.029	0.03	0.022	100.0%	10	
total	0.344	0.383	0.557	0.652	0.747	0.429	100.0%	10	
-----									
Load duration: 1.20111894608									
Full duration: 6.32782506943									
test scenario Quotas.nova_update									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
quotas.update_quotas	0.32	0.373	0.485	0.499	0.513	0.39	100.0%	10	
total	0.32	0.373	0.485	0.499	0.513	0.39	100.0%	10	
-----									
Load duration: 1.11949706078									
Full duration: 6.58456206322									
run_rally - INFO - Test scenario: "quotas" OK.									
run_rally - INFO - Starting test scenario "requests" ...									
run_rally - INFO -									
Preparing input task									
Task 2e77e5dd-e2ca-466a-9edb-4f5f741dd55b: started									
Task 2e77e5dd-e2ca-466a-9edb-4f5f741dd55b: finished									
test scenario HttpRequests.check_random_request									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
requests.check_request	0.462	0.483	1.478	3.509	5.541	1.102	100.0%	10	
total	0.462	0.483	1.478	3.509	5.541	1.102	100.0%	10	
-----									
Load duration: 6.3974840641									
Full duration: 8.66475987434									
test scenario HttpRequests.check_request									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
requests.check_request	0.453	0.458	0.477	0.494	0.511	0.465	100.0%	10	

```
| total | 0.453 | 0.458 | 0.477 | 0.494 | 0.512 | 0.465 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.39966082573
Full duration: 3.74285912514

run_rally - INFO - Test scenario: "requests" OK.

run_rally - INFO -

Rally Summary Report
+-----+-----+-----+-----+
| Module | Duration | nb. Test Run | Success |
+-----+-----+-----+-----+
| authenticate | 00:17 | 10 | 100.00% |
+-----+-----+-----+-----+
| glance | 01:24 | 7 | 100.00% |
+-----+-----+-----+-----+
| cinder | 16:34 | 50 | 100.00% |
+-----+-----+-----+-----+
| heat | 06:19 | 32 | 92.31% |
+-----+-----+-----+-----+
| keystone | 01:07 | 29 | 100.00% |
+-----+-----+-----+-----+
| neutron | 04:40 | 31 | 100.00% |
+-----+-----+-----+-----+
| nova | 24:26 | 61 | 100.00% |
+-----+-----+-----+-----+
| quotas | 00:35 | 7 | 100.00% |
+-----+-----+-----+-----+
| requests | 00:12 | 2 | 100.00% |
+-----+-----+-----+-----+
| TOTAL: | 00:55:38 | 229 | 99.15% |
+-----+-----+-----+-----+
```

### 3.10 SDN Controller

#### 3.10.1 ONOS

```
FUNCTEST.info: Running ONOS test case...
Cloning into '/home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest'...
FUNCvirNetNB - INFO - Creating component Handle: ONOSrest

+-----+
----- { Script And Files } -----
+-----+

Script Log File : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/Test
Report Log File : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/Test
ONOSrest Session Log : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest
Test Script : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/TestON/T
Test Params : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/TestON/T
Topology : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/TestON/Test

+-----+
----- { Script Exec Params } -----
+-----+
```

```

'MININET':
'switch': '7'
'links': '20'

'GIT':
'pull': 'False'
'branch': 'master'

'HTTP':
'path': '/onos/vtn/'
'port': '8181'

'CTRL':
'ip1': 'OC1'
'port1': '6633'

'testcases': '2
3
4
5
6
7
8
9
10'
'SLEEP':
'startup': '15'

'ENV':
'cellApps': 'drivers
openflow
proxyarp
mobility'
'cellName': 'singlenode'

-----+-----+
{ Components Used } -----+
-----+-----+

ONOSrest

-----+-----+
{ Topology } -----+
-----+-----+

'ONOSrest':
'connect_order': '4'
'host': 'OC1'
'user': 'root'
'COMPONENTS': ''
'password': 'r00tme'
'type': 'OnosRestDriver'

-----

*****
CASE INIT
*****

```



```
['ONOSrest']
```

```
*****  
Result summary for Testcase2  
*****
```

```
Network Post
```

- 2.1: Generate Post Data
- 2.2: Post Data via HTTP
- 2.3: Get Data via HTTP
- 2.4: Compare Send Id and Get Id

```
*****  
Result: Pass  
*****
```

```
*****  
Result summary for Testcase3  
*****
```

```
Network Update
```

- 3.1: Generate Post Data
- 3.2: Post Data via HTTP
- 3.3: Update Data via HTTP
- 3.4: Get Data via HTTP
- 3.5: Compare Update data.

```
*****  
Result: Pass  
*****
```

```
*****  
Result summary for Testcase4  
*****
```

```
Network Delete
```

- 4.1: Generate Post Data
- 4.2: Post Data via HTTP
- 4.3: Delete Data via HTTP
- 4.4: Get Data is NULL

```
*****  
Result: Pass  
*****
```

```
*****  
Result summary for Testcase5  
*****
```

```
Subnet Post
```

- 5.1: Generate Post Data
- 5.2: Post Network Data via HTTP (Post Subnet need post network)
- 5.3: Post Subnet Data via HTTP
- 5.4: Get Subnet Data via HTTP
- 5.5: Compare Post Subnet Data via HTTP

```
*****  
Result: Pass
```

```
*****
*****
Result summary for Testcase6
*****

Subnet Update
6.1: Generate Post Data
6.2: Post Network Data via HTTP(Post Subnet need post network)
6.3: Post Subnet Data via HTTP
6.4: Update Subnet Data via HTTP
6.5: Get Subnet Data via HTTP
6.6: Compare Subnet Data
6.7: Delete Subnet via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase7
*****

Subnet Delete
7.1: Generate Post Data
7.2: Post Network Data via HTTP(Post Subnet need post network)
7.3: Post Subnet Data via HTTP
7.4: Delete Subnet Data via HTTP
7.5: Get Subnet Data is NULL

*****
Result: Pass
*****

*****
Result summary for Testcase8
*****

Port Post
8.1: Generate Post Data
8.2: Post Network Data via HTTP(Post port need post network)
8.3: Post Subnet Data via HTTP(Post port need post subnet)
8.4: Post Port Data via HTTP
8.5: Get Port Data via HTTP
8.6: Compare Post Port Data
8.7: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase9
*****

Port Update
9.1: Generate Post Data
9.2: Post Network Data via HTTP(Post port need post network)
```

```

9.3: Post Subnet Data via HTTP(Post port need post subnet)
9.4: Post Port Data via HTTP
9.5: Update Port Data via HTTP
9.6: Get Port Data via HTTP
9.7: Compare Update Port Data
9.8: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase10
*****

Port Delete
10.1: Generate Post Data
10.2: Post Network Data via HTTP(Post port need post network)
10.3: Post Subnet Data via HTTP(Post port need post subnet)
10.4: Post Port Data via HTTP
10.5: Delete Port Data via HTTP
10.6: Get Port Data is NULL
10.7: Clean Data via HTTP

*****
Result: Pass
*****

*****
Test Execution Summary
*****

Test Start          : 22 Feb 2016 16:47:23
Test End            : 22 Feb 2016 16:47:39
Execution Time      : 0:00:15.597834
Total tests planned : 9
Total tests RUN     : 9
Total Pass          : 9
Total Fail          : 0
Total No Result     : 0
Success Percentage  : 100%
Execution Result    : 100%

Disconnecting from ONOSrest: <drivers.common.api.controller.onosrestdriver.OnosRestDriver object at 0x...
FUNCvirNetNBL3 - INFO - Creating component Handle: ONOSrest

+-----+
----- { Script And Files } -----
+-----+

Script Log File : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/Test
Report Log File : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/Test
ONOSrest Session Log : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest
Test Script :/home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/TestON/T
Test Params : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/TestON/T
Topology : /home/opnfv/repos/funcstest/testcases/Controllers/ONOS/Teston/CI/OnosSystemTest/TestON/Test

+-----+
----- { Script Exec Params } -----
+-----+

```

```

'MININET':
'switch': '7'
'links': '20'

'GIT':
'pull': 'False'
'branch': 'master'

'HTTP':
'path': '/onos/vtn/'
'port': '8181'

'CTRL':
'ip1': 'OC1'
'port1': '6653'

'testcases': '2
3
4
5
6
7
8
9
10
11
12'
'SLEEP':
'startup': '15'

'ENV':
'cellApps': 'drivers
openflow
proxyarp
mobility'
'cellName': 'singlenode'

-----+-----+-----
{ Components Used }
-----+-----+-----

ONOSrest

-----+-----+-----
{ Topology }
-----+-----+-----

'ONOSrest':
'connect_order': '4'
'host': 'OC1'
'user': 'root'
'COMPONENTS': ''
'password': 'root'
'type': 'OnosRestDriver'

-----

*****
CASE INIT

```

\*\*\*\*\*

['ONOSrest']

\*\*\*\*\*

Result summary for Testcase2

\*\*\*\*\*

Router Post

- 2.1: Post Network Data via HTTP(Post Router need post network)
- 2.2: Post Router Data via HTTP
- 2.3: Get Router Data via HTTP
- 2.4: Compare Post Router Data via HTTP

\*\*\*\*\*

Result: Pass

\*\*\*\*\*

\*\*\*\*\*

Result summary for Testcase3

\*\*\*\*\*

Router Update

- 3.1: Post Network Data via HTTP(Post Router need post network)
- 3.2: Post Router Data via HTTP
- 3.3: Update Router Data via HTTP
- 3.4: Get Router Data via HTTP
- 3.5: Compare Router Data
- 3.6: Delete Router via HTTP

\*\*\*\*\*

Result: Pass

\*\*\*\*\*

\*\*\*\*\*

Result summary for Testcase4

\*\*\*\*\*

Router Delete

- 4.1: Post Network Data via HTTP(Post Router need post network)
- 4.2: Post Router Data via HTTP
- 4.3: Delete Router Data via HTTP
- 4.4: Get Router Data is NULL

Verify the Router status

\*\*\*\*\*

Result: Pass

\*\*\*\*\*

\*\*\*\*\*

Result summary for Testcase5

\*\*\*\*\*

RouterInterface Post

- 5.1: Post Network Data via HTTP(Post port need post network)
- 5.2: Post Subnet Data via HTTP(Post port need post subnet)
- 5.3: Post Port Data via HTTP
- 5.4: Post Router Data via HTTP

```
5.5: Put RouterInterface Data via HTTP
5.6: Get RouterInterface Data via HTTP
5.7: Compare Post Port Data
5.8: Del RouterInterface Data via HTTP
5.9: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase6
*****

RouterInterface Delete
6.1: Post Network Data via HTTP(Post port need post network)
6.2: Post Subnet Data via HTTP(Post port need post subnet)
6.3: Post Port Data via HTTP
6.4: Post Router Data via HTTP
6.5: Post RouterInterface Data via HTTP
6.6: Del RouterInterface Data via HTTP
6.7: Delete Port Data via HTTP
6.8: Get Port Data is NULL
6.9: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase7
*****

FloatingIp Post
7.1: Post Network Data via HTTP(Post port need post network)
7.2: Post Subnet Data via HTTP(Post port need post subnet)
7.3: Post Port Data via HTTP
7.4: Post Router Data via HTTP
7.5: Get Port Data via HTTP
7.6: Post FloatingIp Data via HTTP
7.7: Get Port Data via HTTP
7.8: Get FloatingIp Data via HTTP
7.9: Get FloatingIp Data via HTTP
7.10: Compare Post FloatingIp Data
7.11: Post FloatingIp Clean Data via HTTP
7.12: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase8
*****

FloatingIp Update
8.1: Post Network Data via HTTP(Post port need post network)
8.2: Post Subnet Data via HTTP(Post port need post subnet)
```

8.3: Post Port Data via HTTP  
8.4: Post Router Data via HTTP  
8.5: Post FloatingIp Data via HTTP  
8.6: Post Delete Data via HTTP  
8.7: Post NewPort Data via HTTP  
8.8: Post NewFloatingIp Data via HTTP  
8.9: Get NewFloatingIp Data via HTTP  
8.10: Compare Post FloatingIp Data  
8.11: Post FloatingIp Clean Data via HTTP  
8.12: Clean Data via HTTP

\*\*\*\*\*  
Result: Pass  
\*\*\*\*\*

\*\*\*\*\*  
Result summary for Testcase9  
\*\*\*\*\*

FloatingIp Delete

9.1: Post Network Data via HTTP(Post port need post network)  
9.2: Post Subnet Data via HTTP(Post port need post subnet)  
9.3: Post Port Data via HTTP  
9.4: Post Router Data via HTTP  
9.5: Post FloatingIp Data via HTTP  
9.6: Post FloatingIp Clean Data via HTTP  
9.7: Get FloatingIp Data is NULL  
9.8: Clean Data via HTTP

\*\*\*\*\*  
Result: Pass  
\*\*\*\*\*

\*\*\*\*\*  
Result summary for Testcase10  
\*\*\*\*\*

Gateway Post

10.1: Post Network Data via HTTP(Post port need post network)  
10.2: Post Subnet Data via HTTP(Post port need post subnet)  
10.3: Post Port Data via HTTP  
10.4: Post Router Data via HTTP  
10.5: Get Gateway Data via HTTP  
10.6: Compare Post Gateway Data  
10.7: Clean Data via HTTP

\*\*\*\*\*  
Result: Pass  
\*\*\*\*\*

\*\*\*\*\*  
Result summary for Testcase11  
\*\*\*\*\*

Gateway Update

11.1: Post Network Data via HTTP(Post port need post network)  
11.2: Post Subnet Data via HTTP(Post port need post subnet)  
11.3: Post Port Data via HTTP

```
11.4: Post Router Data via HTTP
11.5: Post New Router Data via HTTP
11.6: Get Gateway Data via HTTP
11.7: Compare Post Gateway Data
11.8: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase12
*****

Gateway Delete
12.1: Post Network Data via HTTP(Post port need post network)
12.2: Post Subnet Data via HTTP(Post port need post subnet)
12.3: Post Port Data via HTTP
12.4: Post Router Data via HTTP
12.5: Post Del Gateway Data via HTTP
12.6: Get Gateway Data via HTTP
12.7: If Gateway Data is NULL
12.8: Clean Data via HTTP

*****
Result: Pass
*****

*****
Test Execution Summary
*****

Test Start      : 22 Feb 2016 16:47:39
Test End        : 22 Feb 2016 16:47:59
Execution Time  : 0:00:20.564415
Total tests planned : 11
Total tests RUN  : 11
Total Pass      : 11
Total Fail      : 0
Total No Result : 0
Success Percentage : 100%
Execution Result : 100%
Disconnecting from ONOSrest: <drivers.common.api.controller.onosrestdriver.OnosRestDriver object at 0
```

### 3.11 Detailed test results for fuel-os-nosdn-nofeature-ha

### 3.12 VIM

#### 3.12.1 vping\_ssh

```
FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
```



```

vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-18 13:27:35'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=fff41d5d-579a-4c26-844d-4e86700c44f6
  network=a5137d46-dea8-4f85-8872-08c4a5927182

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=fff41d5d-579a-4c26-844d-4e86700c44f6
  network=a5137d46-dea8-4f85-8872-08c4a5927182

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '10.118.101.200'
vPing_ssh- INFO - Associating floating ip: '10.118.101.200' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 10.118.101.200...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'42.1' s.
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK

```

### 3.12.2 vping\_userdata

```

FUNCTEST.info: Running vPing-userdata test...
vPing_userdata- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-2
vPing_userdata- INFO - Creating neutron network vping-net...
vPing_userdata- INFO - Creating security group 'vPing-sg'...
vPing_userdata- INFO - Flavor found 'm1.small'
vPing_userdata- INFO - vPing Start Time:'2016-02-18 13:29:00'
vPing_userdata- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=5e34c73d-91d0-4852-a407-5a4b4c1932c6
  network=a1efb318-1338-436f-8f26-3a1bacab0538

vPing_userdata- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_userdata- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=5e34c73d-91d0-4852-a407-5a4b4c1932c6
  network=a1efb318-1338-436f-8f26-3a1bacab0538
  userdata=
#!/bin/sh

while true; do
  ping -c 1 192.168.130.4 2>&1 >/dev/null
  RES=$?
  if [ "$RES" = "0" ] ; then
    echo 'vPing OK'

```





tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_s
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_e
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_and
tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_er
tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_analt_user_ten
tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_
tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_
tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_serv
tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_serv
tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_pass
tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete
tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions
tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixe
tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_float
tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_network
tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_port
tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_subnet
tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_create_update_delete_network_subnet
tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_external_network_visibility
tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_networks
tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_subnets

```

| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_list_security_groups
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basicops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+

```

```
run_tempest - INFO - Results: {'timestart': '2016-02-1813:29:52.500975', 'duration': 416, 'tests': 2}
```

### 3.12.4 Rally

```

FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...
run_rally - INFO -
  Preparing input task
  Task 2ff4981a-75d9-4de4-a111-3194115c4a00: started
Task 2ff4981a-75d9-4de4-a111-3194115c4a00: finished

test scenario Authenticate.validate_glance
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance        | 0.534 | 0.569  | 0.722  | 0.818  | 0.914 | 0.618 | 100.0% | 10    |
| authenticate.validate_glance (2)    | 0.512 | 0.609  | 0.713  | 0.766  | 0.818 | 0.631 | 100.0% | 10    |
| total                                | 1.257 | 1.358  | 1.703  | 1.715  | 1.726 | 1.418 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.01803302765
Full duration: 11.7534348965

test scenario Authenticate.keystone
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| total  | 0.132 | 0.154  | 0.172  | 0.172  | 0.173 | 0.155 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.491301059723
Full duration: 8.25924301147

test scenario Authenticate.validate_heat
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_heat          | 0.297 | 0.32   | 0.355  | 0.359  | 0.363 | 0.324 | 100.0% | 10    |
| authenticate.validate_heat (2)     | 0.043 | 0.056  | 0.302  | 0.304  | 0.307 | 0.127 | 100.0% | 10    |
| total                                | 0.499 | 0.607  | 0.769  | 0.82   | 0.87  | 0.629 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.91573691368
Full duration: 10.0396120548

test scenario Authenticate.validate_nova
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_nova	0.306	0.35	0.534	0.554	0.574	0.407	100.0%	10	
authenticate.validate_nova (2)	0.037	0.059	0.07	0.081	0.092	0.059	100.0%	10	
total	0.526	0.596	0.771	0.782	0.792	0.639	100.0%	10	
Load duration: 1.9150788784									
Full duration: 9.77701401711									
test scenario Authenticate.validate_cinder									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_cinder	0.268	0.315	0.353	0.475	0.596	0.334	100.0%	10	
authenticate.validate_cinder (2)	0.025	0.282	0.314	0.323	0.331	0.264	100.0%	10	
total	0.721	0.78	0.827	0.837	0.847	0.779	100.0%	10	
Load duration: 2.34766292572									
Full duration: 10.0672118664									
test scenario Authenticate.validate_neutron									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_neutron	0.266	0.305	0.386	0.399	0.411	0.319	100.0%	10	
authenticate.validate_neutron (2)	0.043	0.291	0.375	0.403	0.432	0.241	100.0%	10	
total	0.483	0.76	0.908	0.914	0.92	0.729	100.0%	10	
Load duration: 2.25539779663									
Full duration: 9.62706780434									
run_rally - INFO - Test scenario: "authenticate" OK.									
run_rally - INFO - Starting test scenario "glance" ...									
run_rally - INFO -									
Preparing input task									
Task 9fb726cd-f20e-4f95-b32f-5928c72cf58d: started									
Task 9fb726cd-f20e-4f95-b32f-5928c72cf58d: finished									
test scenario GlanceImages.list_images									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
glance.list_images	0.72	0.85	0.942	0.947	0.951	0.833	100.0%	10	

```

| total          | 0.721 | 0.85  | 0.943 | 0.947 | 0.951 | 0.834 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.45959687233
Full duration: 12.9740490913

test scenario GlanceImages.create_image_and_boot_instances
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min    | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 7.498  | 7.743  | 17.964 | 19.73  | 21.495 | 10.171 | 100.0% | 10    |
| nova.boot_servers  | 13.174 | 14.424 | 15.318 | 15.539 | 15.76  | 14.34  | 100.0% | 10    |
| total            | 20.863 | 22.368 | 32.383 | 33.741 | 35.099 | 24.511 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 68.7006659508
Full duration: 127.436779022

test scenario GlanceImages.create_and_list_image
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min    | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 7.303  | 7.684  | 7.837  | 7.911  | 7.984  | 7.63   | 100.0% | 10    |
| glance.list_images  | 0.328  | 0.583  | 0.697  | 0.698  | 0.699  | 0.574  | 100.0% | 10    |
| total            | 7.862  | 8.283  | 8.38   | 8.472  | 8.564  | 8.205  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 24.5710179806
Full duration: 37.9533209801

test scenario GlanceImages.create_and_delete_image
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min    | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 7.448  | 7.605  | 7.805  | 7.817  | 7.829  | 7.617  | 100.0% | 10    |
| glance.delete_image | 2.01   | 2.372  | 2.628  | 2.686  | 2.743  | 2.393  | 100.0% | 10    |
| total            | 9.506  | 9.976  | 10.387 | 10.466 | 10.545 | 10.01  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 30.0124220848
Full duration: 40.2773120403

run_rally - INFO - Test scenario: "glance" OK.

run_rally - INFO - Starting test scenario "cinder" ...
run_rally - INFO -
Preparing input task
Task a724f287-e014-40ef-8e87-173e5eb2b0a2: started

```



FuncTest test results, Release brahmaputra.3.0 (41850cb)

Task a724f287-e014-40ef-8e87-173e5eb2b0a2: finished

test scenario CinderVolumes.create\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	10.889	13.965	14.695	14.724	14.752	13.234	100.0%	10
cinder.create_volume	3.218	3.812	4.128	4.214	4.3	3.776	100.0%	10
nova.attach_volume	3.737	4.69	4.963	5.092	5.222	4.612	100.0%	10
nova.detach_volume	3.18	3.917	4.273	4.325	4.377	3.867	100.0%	10
cinder.delete_volume	0.489	2.54	2.801	2.886	2.972	2.261	100.0%	10
nova.delete_server	2.527	2.94	3.218	3.228	3.239	2.926	100.0%	10
total	26.351	30.9	32.731	33.273	33.815	30.677	100.0%	10

Load duration: 91.1857719421

Full duration: 133.454293013

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	7.415	9.652	10.383	10.548	10.713	9.48	100.0%	10
cinder.list_volumes	0.072	0.328	0.4	0.407	0.415	0.295	100.0%	10
total	7.76	10.022	10.706	10.88	11.054	9.775	100.0%	10

Load duration: 28.0870580673

Full duration: 51.2606179714

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.521	4.03	4.785	4.869	4.953	4.19	100.0%	10
cinder.list_volumes	0.062	0.347	0.411	0.426	0.44	0.308	100.0%	10
total	3.852	4.421	5.139	5.227	5.315	4.499	100.0%	10

Load duration: 13.1967639923

Full duration: 35.2137930393

test scenario CinderVolumes.create\_and\_list\_snapshots

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_snapshot	2.957	3.349	5.449	5.627	5.805	3.738	100.0%	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

cinder.list_snapshots	0.028	0.304	0.348	0.382	0.416	0.213	100.0%	10
total	3.259	3.42	5.776	5.945	6.113	3.952	100.0%	10

Load duration: 10.5537779331  
Full duration: 49.7043690681

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.281	3.907	4.106	4.128	4.15	3.806	100.0%	10
cinder.delete_volume	0.788	2.667	3.082	3.16	3.239	2.256	100.0%	10
total	4.617	6.29	6.997	7.066	7.135	6.063	100.0%	10

Load duration: 18.3220980167  
Full duration: 36.1331720352

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	8.901	9.932	10.338	10.395	10.452	9.781	100.0%	10
cinder.delete_volume	0.579	1.672	2.856	2.952	3.049	1.773	100.0%	10
total	9.725	11.645	12.996	13.017	13.039	11.554	100.0%	10

Load duration: 35.517152071  
Full duration: 54.0071978569

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.596	3.887	4.71	4.712	4.715	4.08	100.0%	10
cinder.delete_volume	0.512	0.923	1.297	2.319	3.341	1.114	100.0%	10
total	4.381	4.91	5.923	6.573	7.223	5.195	100.0%	10

Load duration: 15.0102190971  
Full duration: 33.4934709072

test scenario CinderVolumes.create\_and\_upload\_volume\_to\_image

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count

FuncTest test results, Release brahmaputra.3.0 (41850cb)

cinder.create_volume	3.512	3.838	4.155	4.202	4.249	3.861	100.0%	10
cinder.upload_volume_to_image	16.283	24.737	33.632	38.034	42.436	26.102	100.0%	10
cinder.delete_volume	0.583	1.719	3.056	3.165	3.274	1.853	100.0%	10
nova.delete_image	2.514	2.856	13.194	14.749	16.305	5.182	100.0%	10
total	23.887	34.293	49.972	51.48	52.988	36.998	100.0%	10
Load duration: 107.503821135								
Full duration: 129.166619062								
test scenario CinderVolumes.create_and_delete_snapshot								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_snapshot	3.064	3.257	3.408	3.415	3.422	3.261	100.0%	10
cinder.delete_snapshot	2.586	2.915	3.148	3.165	3.181	2.938	100.0%	10
total	5.837	6.18	6.465	6.534	6.603	6.199	100.0%	10
Load duration: 18.601981163								
Full duration: 53.3941659927								
test scenario CinderVolumes.create_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.424	3.854	4.025	4.05	4.075	3.808	100.0%	10
total	3.424	3.854	4.025	4.05	4.075	3.808	100.0%	10
Load duration: 11.3824880123								
Full duration: 30.7913680077								
test scenario CinderVolumes.create_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.391	3.979	4.585	4.6	4.616	3.999	100.0%	10
total	3.391	3.979	4.585	4.601	4.616	3.999	100.0%	10
Load duration: 12.107943058								
Full duration: 36.5596921444								
test scenario CinderVolumes.list_volumes								
Response Times (sec)								

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
cinder.list_volumes	0.478	0.562	0.711	0.746	0.781	0.587	100.0%	10
total	0.479	0.562	0.711	0.746	0.781	0.587	100.0%	10

Load duration: 1.79518508911  
Full duration: 65.9313700199

test scenario CinderVolumes.create\_nested\_snapshots\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.557	3.914	4.206	4.213	4.22	3.884	100.0%	10
cinder.create_snapshot	2.701	3.063	3.248	3.251	3.254	3.06	100.0%	10
nova.attach_volume	3.75	4.986	6.112	6.385	6.658	5.059	100.0%	10
nova.detach_volume	3.149	3.81	4.11	4.168	4.225	3.762	100.0%	10
cinder.delete_snapshot	2.241	2.766	3.077	3.102	3.128	2.725	100.0%	10
cinder.delete_volume	0.748	2.428	2.712	2.772	2.831	1.912	100.0%	10
total	19.22	21.354	24.347	24.725	25.102	21.684	100.0%	10

Load duration: 64.028840065  
Full duration: 186.598311901

test scenario CinderVolumes.create\_from\_volume\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.539	4.149	4.62	4.622	4.623	4.106	100.0%	10
cinder.delete_volume	2.844	3.223	3.604	3.609	3.614	3.235	100.0%	10
total	6.383	7.559	7.85	7.868	7.886	7.341	100.0%	10

Load duration: 21.6859838963  
Full duration: 55.5635709763

test scenario CinderVolumes.create\_and\_extend\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.434	3.852	3.99	4.004	4.018	3.842	100.0%	10
cinder.extend_volume	0.955	2.236	3.552	3.564	3.576	2.281	100.0%	10
cinder.delete_volume	0.868	3.015	3.332	3.398	3.465	2.861	100.0%	10
total	5.962	9.186	10.497	10.52	10.544	8.984	100.0%	10

Load duration: 28.1479110718  
Full duration: 47.0005409718

```

test scenario CinderVolumes.create_snapshot_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.595 | 3.868 | 4.206 | 4.208 | 4.211 | 3.886 | 100.0% | 10 |
| cinder.create_snapshot | 2.595 | 3.131 | 3.249 | 3.258 | 3.267 | 3.037 | 100.0% | 10 |
| nova.attach_volume | 4.101 | 4.563 | 5.363 | 7.225 | 9.087 | 4.928 | 100.0% | 10 |
| nova.detach_volume | 3.299 | 3.896 | 4.226 | 4.274 | 4.323 | 3.816 | 100.0% | 10 |
| cinder.delete_snapshot | 2.27  | 2.573 | 2.884 | 3.105 | 3.325 | 2.635 | 100.0% | 10 |
| cinder.delete_volume | 0.611 | 2.479 | 2.742 | 2.863 | 2.983 | 2.239 | 100.0% | 10 |
| total           | 19.728 | 21.533 | 22.719 | 24.643 | 26.568 | 21.737 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 62.6771988869
Full duration: 187.817504883

test scenario CinderVolumes.create_snapshot_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.255 | 3.476 | 4.793 | 4.86  | 4.926 | 3.766 | 100.0% | 10 |
| cinder.create_snapshot | 2.387 | 2.868 | 3.304 | 3.311 | 3.318 | 2.906 | 100.0% | 10 |
| nova.attach_volume | 3.864 | 4.167 | 4.94  | 5.864 | 6.787 | 4.392 | 100.0% | 10 |
| nova.detach_volume | 3.699 | 4.047 | 4.388 | 4.408 | 4.428 | 4.066 | 100.0% | 10 |
| cinder.delete_snapshot | 2.492 | 2.621 | 2.825 | 2.828 | 2.831 | 2.651 | 100.0% | 10 |
| cinder.delete_volume | 0.65  | 2.735 | 3.048 | 3.123 | 3.198 | 2.567 | 100.0% | 10 |
| total           | 18.915 | 21.629 | 24.215 | 25.025 | 25.835 | 22.025 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 64.388502121
Full duration: 192.928286076

run_rally - INFO - Test scenario: "cinder" OK.

run_rally - INFO - Starting test scenario "heat" ...
run_rally - INFO -
  Preparing input task
  Task 44fe34e1-bd7f-47f7-b4e9-ca32c892d8b5: started
Task 44fe34e1-bd7f-47f7-b4e9-ca32c892d8b5: finished

test scenario HeatStacks.create_suspend_resume_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.131 | 4.448 | 4.579 | 4.616 | 4.652 | 4.417 | 100.0% | 10 |
| heat.suspend_stack | 1.521 | 1.721 | 1.772 | 1.792 | 1.812 | 1.701 | 100.0% | 10 |
| heat.resume_stack | 1.454 | 1.625 | 1.703 | 1.708 | 1.713 | 1.63  | 100.0% | 10 |
| heat.delete_stack | 1.387 | 1.57  | 2.717 | 2.724 | 2.731 | 1.88  | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

```
| total          | 8.994 | 9.448 | 10.723 | 10.75 | 10.777 | 9.627 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 28.125330925  
Full duration: 37.9011991024

test scenario HeatStacks.create\_and\_delete\_stack

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.098 | 4.267 | 4.383 | 4.452 | 4.52 | 4.266 | 100.0% | 10 |
| heat.delete_stack | 1.423 | 1.468 | 1.536 | 1.679 | 1.822 | 1.505 | 100.0% | 10 |
| total          | 5.574 | 5.769 | 5.922 | 5.933 | 5.944 | 5.77 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 17.2579169273  
Full duration: 27.4368560314

test scenario HeatStacks.create\_and\_delete\_stack

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 25.037 | 28.231 | 29.801 | 29.828 | 29.856 | 27.99 | 100.0% | 10 |
| heat.delete_stack | 10.707 | 11.831 | 13.046 | 13.573 | 14.099 | 12.249 | 100.0% | 10 |
| total          | 36.902 | 40.321 | 42.736 | 42.79 | 42.844 | 40.24 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 119.344232082  
Full duration: 129.710185051

test scenario HeatStacks.create\_and\_delete\_stack

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 21.352 | 24.853 | 26.526 | 26.562 | 26.598 | 24.433 | 100.0% | 10 |
| heat.delete_stack | 9.51   | 10.67  | 10.95  | 11.42  | 11.889 | 10.684 | 100.0% | 10 |
| total          | 31.928 | 35.457 | 37.299 | 37.449 | 37.598 | 35.117 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 106.840685844  
Full duration: 117.40921998

test scenario HeatStacks.list\_stacks\_and\_resources

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

heat.list_stacks	0.488	0.522	0.539	0.54	0.54	0.522	100.0%	10
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10
total	0.488	0.522	0.539	0.54	0.541	0.522	100.0%	10

Load duration: 1.59450078011  
Full duration: 9.86936807632

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.845	4.214	4.356	4.377	4.397	4.193	100.0%	10
heat.update_stack	3.558	3.774	3.853	3.855	3.857	3.726	100.0%	10
heat.delete_stack	1.56	2.57	2.756	2.776	2.797	2.512	100.0%	10
total	9.445	10.455	10.866	10.915	10.963	10.431	100.0%	10

Load duration: 31.3620579243  
Full duration: 42.2799968719

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.133	4.157	4.354	4.413	4.472	4.209	100.0%	10
heat.update_stack	3.534	3.713	3.821	3.958	4.096	3.717	100.0%	10
heat.delete_stack	1.383	1.402	1.736	2.156	2.575	1.556	100.0%	10
total	9.126	9.41	9.772	10.018	10.263	9.482	100.0%	10

Load duration: 29.0769648552  
Full duration: 39.4647920132

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.275	4.465	4.666	4.855	5.044	4.509	100.0%	10
heat.update_stack	5.801	5.876	6.0	6.166	6.332	5.928	100.0%	10
heat.delete_stack	2.525	2.564	3.649	3.683	3.717	2.793	100.0%	10
total	12.743	13.005	13.996	14.01	14.023	13.23	100.0%	10

Load duration: 39.5067877769  
Full duration: 50.3663468361

test scenario HeatStacks.create\_update\_delete\_stack

```

+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.517 | 5.462 | 5.602 | 5.608 | 5.614 | 5.389 | 100.0% | 10   |
| heat.update_stack | 8.345 | 9.324 | 9.403 | 9.411 | 9.42  | 9.245 | 100.0% | 10   |
| heat.delete_stack | 3.69  | 3.723 | 3.746 | 3.755 | 3.763 | 3.725 | 100.0% | 10   |
| total           | 17.515 | 18.525 | 18.645 | 18.683 | 18.722 | 18.36 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 54.7039349079  
Full duration: 65.6854679585

test scenario HeatStacks.create\_update\_delete\_stack

```

+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.122 | 4.348 | 4.549 | 4.597 | 4.645 | 4.358 | 100.0% | 10   |
| heat.update_stack | 5.791 | 5.87  | 5.92  | 5.932 | 5.944 | 5.864 | 100.0% | 10   |
| heat.delete_stack | 2.506 | 2.55  | 3.704 | 3.778 | 3.853 | 2.791 | 100.0% | 10   |
| total           | 12.485 | 12.814 | 13.98 | 14.075 | 14.169 | 13.013 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 38.5906641483  
Full duration: 49.8386061192

test scenario HeatStacks.create\_update\_delete\_stack

```

+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.062 | 4.33  | 4.493 | 4.501 | 4.508 | 4.317 | 100.0% | 10   |
| heat.update_stack | 3.553 | 3.585 | 3.783 | 3.936 | 4.088 | 3.648 | 100.0% | 10   |
| heat.delete_stack | 1.376 | 1.418 | 2.552 | 2.555 | 2.558 | 1.856 | 100.0% | 10   |
| total           | 9.179 | 9.535 | 10.607 | 10.678 | 10.749 | 9.822 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 29.5593960285  
Full duration: 40.873290062

test scenario HeatStacks.create\_and\_list\_stack

```

+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.105 | 4.264 | 4.394 | 4.43  | 4.466 | 4.276 | 100.0% | 10   |
| heat.list_stacks  | 0.062 | 0.103 | 0.113 | 0.116 | 0.119 | 0.096 | 100.0% | 10   |
| total           | 4.18  | 4.373 | 4.501 | 4.531 | 4.561 | 4.371 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 13.1703698635



Full duration: 29.690456152

test scenario HeatStacks.create\_check\_delete\_stack

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	4.194	4.357	4.595	4.64	4.684	4.393	100.0%	10	
heat.check_stack	1.511	1.542	1.627	1.753	1.88	1.58	100.0%	10	
heat.delete_stack	1.402	2.55	2.707	2.749	2.791	2.257	100.0%	10	
total	7.411	8.429	8.66	8.745	8.829	8.23	100.0%	10	

Load duration: 24.4679090977

Full duration: 35.6907479763

run\_rally - INFO - Test scenario: "heat" OK.

run\_rally - INFO - Starting test scenario "keystone" ...

run\_rally - INFO -

Preparing input task

Task 416065d0-3811-4bee-9b53-37743e1f179c: started

Task 416065d0-3811-4bee-9b53-37743e1f179c: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.285	0.297	0.328	0.336	0.343	0.305	100.0%	10	
keystone.create_users	1.651	1.673	1.73	1.749	1.768	1.688	100.0%	10	
total	1.952	1.986	2.027	2.061	2.095	1.993	100.0%	10	

Load duration: 5.98874807358

Full duration: 22.4405510426

test scenario KeystoneBasic.create\_add\_and\_list\_user\_roles

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_role	0.287	0.308	0.404	0.428	0.452	0.331	100.0%	10	
keystone.add_role	0.276	0.31	0.371	0.379	0.388	0.319	100.0%	10	
keystone.list_roles	0.137	0.151	0.175	0.207	0.239	0.16	100.0%	10	
total	0.732	0.775	0.951	0.962	0.972	0.809	100.0%	10	

Load duration: 2.38230800629

Full duration: 15.068157196

test scenario KeystoneBasic.add\_and\_remove\_user\_role

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.263	0.3	0.41	0.455	0.499	0.336	100.0%	10
keystone.add_role	0.265	0.28	0.342	0.405	0.468	0.302	100.0%	10
keystone.remove_role	0.151	0.182	0.347	0.35	0.354	0.226	100.0%	10
total	0.713	0.844	1.002	1.019	1.036	0.864	100.0%	10

Load duration: 2.52822303772

Full duration: 15.38514781

test scenario KeystoneBasic.create\_update\_and\_delete\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.267	0.354	0.411	0.421	0.432	0.346	100.0%	10
keystone.update_tenant	0.139	0.15	0.185	0.223	0.262	0.164	100.0%	10
keystone.delete_tenant	0.302	0.333	0.418	0.448	0.477	0.35	100.0%	10
total	0.738	0.879	0.917	0.961	1.006	0.86	100.0%	10

Load duration: 2.55070900917

Full duration: 14.2816069126

test scenario KeystoneBasic.create\_and\_delete\_service

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_service	0.279	0.303	0.408	0.41	0.412	0.322	100.0%	10
keystone.delete_service	0.15	0.168	0.188	0.192	0.196	0.169	100.0%	10
total	0.443	0.471	0.584	0.594	0.604	0.491	100.0%	10

Load duration: 1.47291088104

Full duration: 12.6235470772

test scenario KeystoneBasic.create\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.274	0.302	0.315	0.324	0.334	0.301	100.0%	10
total	0.274	0.302	0.315	0.325	0.334	0.301	100.0%	10

Load duration: 0.926929950714

Full duration: 9.11541318893

test scenario KeystoneBasic.create_user									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.285	0.312	0.353	0.392	0.431	0.323	100.0%	10	
total	0.285	0.313	0.353	0.392	0.431	0.323	100.0%	10	
Load duration: 1.09427213669									
Full duration: 9.44248485565									
test scenario KeystoneBasic.create_and_list_tenants									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.276	0.302	0.312	0.315	0.318	0.299	100.0%	10	
keystone.list_tenants	0.133	0.141	0.147	0.149	0.15	0.141	100.0%	10	
total	0.416	0.441	0.462	0.463	0.463	0.44	100.0%	10	
Load duration: 1.356580019									
Full duration: 14.5843369961									
test scenario KeystoneBasic.create_and_delete_role									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_role	0.271	0.306	0.517	0.532	0.547	0.37	100.0%	10	
keystone.delete_role	0.295	0.305	0.621	0.655	0.689	0.401	100.0%	10	
total	0.572	0.743	0.991	1.076	1.16	0.771	100.0%	10	
Load duration: 2.24743795395									
Full duration: 14.336769104									
test scenario KeystoneBasic.get_entities									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.284	0.313	0.395	0.4	0.405	0.328	100.0%	10	
keystone.create_user	0.141	0.155	0.176	0.176	0.177	0.159	100.0%	10	
keystone.create_role	0.136	0.155	0.173	0.209	0.245	0.16	100.0%	10	
keystone.get_tenant	0.124	0.132	0.143	0.144	0.144	0.133	100.0%	10	
keystone.get_user	0.124	0.141	0.232	0.234	0.237	0.158	100.0%	10	
keystone.get_role	0.122	0.125	0.142	0.144	0.147	0.129	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

keystone.service_list	0.121	0.13	0.138	0.139	0.139	0.13	100.0%	10	
keystone.get_service	0.118	0.132	0.158	0.16	0.161	0.136	100.0%	10	
total	1.253	1.315	1.403	1.449	1.495	1.334	100.0%	10	

Load duration: 4.18330001831  
Full duration: 21.2465929985

test scenario KeystoneBasic.create\_and\_list\_users

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.27	0.324	0.381	0.409	0.436	0.33	100.0%	10	
keystone.list_users	0.125	0.142	0.183	0.233	0.283	0.157	100.0%	10	
total	0.409	0.47	0.53	0.625	0.719	0.487	100.0%	10	

Load duration: 1.41358304024  
Full duration: 9.46058607101

run\_rally - INFO - Test scenario: "keystone" OK.

run\_rally - INFO - Starting test scenario "neutron" ...

run\_rally - INFO -

Preparing input task

Task 66bee4c3-3b3f-4215-9910-63425b400d9a: started

Task 66bee4c3-3b3f-4215-9910-63425b400d9a: finished

test scenario NeutronNetworks.create\_and\_delete\_ports

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.762	0.83	0.953	0.983	1.014	0.858	100.0%	10	
neutron.delete_port	0.224	0.62	0.763	0.78	0.797	0.582	100.0%	10	
total	1.011	1.549	1.599	1.603	1.607	1.441	100.0%	10	

Load duration: 4.14246201515  
Full duration: 53.9938690662

test scenario NeutronNetworks.create\_and\_list\_routers

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.718	0.792	0.884	0.89	0.895	0.801	100.0%	10	
neutron.create_router	0.435	0.451	0.555	0.56	0.565	0.474	100.0%	10	
neutron.add_interface_router	0.341	0.776	1.004	1.11	1.215	0.789	100.0%	10	
neutron.list_routers	0.066	0.42	0.477	0.491	0.505	0.367	100.0%	10	
total	1.661	2.48	2.738	2.797	2.855	2.431	100.0%	10	

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 7.12932991982
Full duration: 59.6318800449

test scenario NeutronNetworks.create_and_delete_routers
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.739 | 0.812  | 0.936  | 0.949  | 0.963 | 0.833 | 100.0% | 10    |
| neutron.create_router                 | 0.073 | 0.467  | 0.548  | 0.564  | 0.58  | 0.447 | 100.0% | 10    |
| neutron.add_interface_router          | 0.32  | 0.758  | 0.881  | 0.901  | 0.92  | 0.737 | 100.0% | 10    |
| neutron.remove_interface_router       | 0.632 | 0.723  | 0.767  | 0.788  | 0.808 | 0.719 | 100.0% | 10    |
| neutron.delete_router                 | 0.575 | 0.622  | 0.72   | 0.74   | 0.759 | 0.639 | 100.0% | 10    |
| total                                 | 2.939 | 3.398  | 3.635  | 3.725  | 3.814 | 3.375 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 10.4781250954
Full duration: 61.2645328045

test scenario NeutronNetworks.create_and_list_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_port                  | 0.728 | 0.859  | 0.909  | 0.944  | 0.978 | 0.857 | 100.0% | 10    |
| neutron.list_ports                   | 0.52  | 0.599  | 0.71   | 0.735  | 0.76  | 0.618 | 100.0% | 10    |
| total                                 | 1.37  | 1.459  | 1.597  | 1.611  | 1.624 | 1.475 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.50073218346
Full duration: 55.2021510601

test scenario NeutronNetworks.create_and_delete_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.749 | 0.788  | 0.939  | 0.956  | 0.972 | 0.824 | 100.0% | 10    |
| neutron.delete_subnet                | 0.556 | 0.673  | 0.778  | 0.819  | 0.859 | 0.687 | 100.0% | 10    |
| total                                 | 1.361 | 1.521  | 1.693  | 1.697  | 1.702 | 1.511 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.66956591606
Full duration: 54.1284301281

test scenario NeutronNetworks.create_and_delete_networks
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.62	0.643	0.756	0.784	0.812	0.672	100.0%	10
neutron.delete_network	0.481	0.54	0.616	0.686	0.756	0.558	100.0%	10
total	1.101	1.206	1.363	1.377	1.391	1.23	100.0%	10

Load duration: 3.73822879791  
Full duration: 33.2811751366

test scenario NeutronNetworks.create\_and\_list\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.583	0.675	0.782	0.782	0.783	0.691	100.0%	10
neutron.list_networks	0.058	0.395	0.517	0.522	0.528	0.364	100.0%	10
total	0.834	1.066	1.187	1.242	1.298	1.055	100.0%	10

Load duration: 3.09279990196  
Full duration: 33.633177042

test scenario NeutronNetworks.create\_and\_update\_routers

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.713	0.8	0.903	0.913	0.922	0.811	100.0%	10
neutron.create_router	0.434	0.449	0.476	0.497	0.519	0.458	100.0%	10
neutron.add_interface_router	0.666	0.749	0.912	0.954	0.996	0.791	100.0%	10
neutron.update_router	0.222	0.579	0.659	0.678	0.697	0.556	100.0%	10
total	2.156	2.643	2.768	2.799	2.83	2.617	100.0%	10

Load duration: 7.76268601418  
Full duration: 57.6214001179

test scenario NeutronNetworks.create\_and\_update\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.606	0.672	0.761	0.785	0.81	0.681	100.0%	10
neutron.update_network	0.137	0.518	0.538	0.542	0.547	0.482	100.0%	10
total	0.893	1.183	1.261	1.288	1.315	1.164	100.0%	10

Load duration: 3.59189605713  
Full duration: 34.8437690735

```
test scenario NeutronNetworks.create_and_update_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_port | 0.738 | 0.792 | 0.889 | 0.921 | 0.952 | 0.815 | 100.0% | 10   |
| neutron.update_port | 0.161 | 0.551 | 0.596 | 0.6    | 0.605 | 0.516 | 100.0% | 10   |
| total           | 1.044 | 1.339 | 1.429 | 1.482 | 1.536 | 1.331 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 4.11195087433  
Full duration: 53.0145220757

```
test scenario NeutronNetworks.create_and_list_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet | 0.703 | 0.748 | 0.832 | 0.861 | 0.89  | 0.764 | 100.0% | 10   |
| neutron.list_subnets | 0.054 | 0.396 | 0.445 | 0.479 | 0.513 | 0.374 | 100.0% | 10   |
| total           | 0.757 | 1.159 | 1.256 | 1.272 | 1.287 | 1.138 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 3.5137629509  
Full duration: 52.7622568607

```
test scenario NeutronNetworks.create_and_update_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet | 0.742 | 0.813 | 0.947 | 0.948 | 0.949 | 0.838 | 100.0% | 10   |
| neutron.update_subnet | 0.234 | 0.583 | 0.695 | 0.696 | 0.696 | 0.58  | 100.0% | 10   |
| total           | 1.043 | 1.427 | 1.587 | 1.596 | 1.604 | 1.418 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 4.36762094498  
Full duration: 54.1341950893

```
run_rally - INFO - Test scenario: "neutron" OK.

run_rally - INFO - Starting test scenario "nova" ...
run_rally - INFO -
  Preparing input task
  Task c631be68-64eb-462f-af72-0946f649719e: started
  Task c631be68-64eb-462f-af72-0946f649719e: finished
```

```
test scenario NovaKeypair.create_and_delete_keypair
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

nova.create_keypair	0.689	0.825	1.389	1.414	1.439	0.956	100.0%	10	
nova.delete_keypair	0.034	0.045	0.058	0.058	0.059	0.046	100.0%	10	
total	0.734	0.868	1.43	1.458	1.487	1.002	100.0%	10	
Load duration: 2.95623397827									
Full duration: 43.0288610458									
test scenario NovaServers.snapshot_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	13.069	14.075	14.775	15.063	15.35	14.118	100.0%	10	
nova.create_image	10.992	11.363	11.948	12.03	12.112	11.402	100.0%	10	
nova.delete_server	2.878	3.026	3.413	3.454	3.495	3.121	100.0%	10	
nova.boot_server (2)	10.807	12.891	14.009	14.098	14.188	12.932	100.0%	10	
nova.delete_server (2)	2.914	3.356	4.738	4.974	5.21	3.557	100.0%	10	
nova.delete_image	2.769	3.227	3.659	3.685	3.711	3.238	100.0%	10	
total	44.842	48.482	49.94	50.257	50.573	48.369	100.0%	10	
Load duration: 145.116047144									
Full duration: 218.130707026									
test scenario NovaKeypair.boot_and_delete_server_with_keypair									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.67	0.815	1.452	1.483	1.515	0.945	100.0%	10	
nova.boot_server	11.229	12.914	14.714	15.148	15.581	13.075	100.0%	10	
nova.delete_server	2.87	3.313	3.4	3.451	3.502	3.214	100.0%	10	
nova.delete_keypair	0.034	0.048	0.056	0.056	0.057	0.046	100.0%	10	
total	15.3	17.062	18.916	19.109	19.302	17.281	100.0%	10	
Load duration: 51.5624389648									
Full duration: 121.866284132									
test scenario NovaKeypair.create_and_list_keypairs									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.681	0.825	1.368	1.468	1.568	0.975	100.0%	10	
nova.list_keypairs	0.021	0.027	0.038	0.038	0.039	0.03	100.0%	10	
total	0.715	0.855	1.394	1.494	1.593	1.005	100.0%	10	
Load duration: 3.00225996971									
Full duration: 44.8396139145									



test scenario NovaServers.list_servers									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.list_servers	1.385	1.648	1.794	1.8	1.806	1.64	100.0%	10	
total	1.386	1.648	1.794	1.8	1.807	1.64	100.0%	10	
Load duration: 4.86725592613									
Full duration: 144.563478947									
test scenario NovaServers.resize_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	11.794	13.235	14.683	15.23	15.778	13.569	100.0%	10	
nova.resize	40.775	43.909	47.803	47.888	47.973	44.294	100.0%	10	
nova.resize_confirm	2.664	3.406	5.701	5.894	6.087	3.777	100.0%	10	
nova.delete_server	2.831	2.964	3.671	4.355	5.038	3.264	100.0%	10	
total	59.51	64.72	68.963	69.477	69.991	64.905	100.0%	10	
Load duration: 193.15106678									
Full duration: 234.439800978									
test scenario NovaServers.boot_server_from_volume_and_delete									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	9.703	10.351	11.374	12.306	13.237	10.631	100.0%	10	
nova.boot_server	13.02	14.474	15.965	16.121	16.276	14.667	100.0%	10	
nova.delete_server	3.826	5.813	5.967	6.081	6.196	5.561	100.0%	10	
total	27.612	30.787	32.582	32.736	32.891	30.859	100.0%	10	
Load duration: 92.1244728565									
Full duration: 176.439888954									
test scenario NovaServers.boot_and_migrate_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	12.068	13.808	14.866	14.966	15.067	13.788	100.0%	10	
nova.stop_server	4.417	6.774	7.032	7.224	7.416	6.512	100.0%	10	
nova.migrate	10.786	11.454	11.957	11.999	12.04	11.487	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.resize_confirm	3.328	3.614	3.822	3.905	3.988	3.621	100.0%	10
nova.delete_server	2.862	3.057	3.364	3.454	3.544	3.116	100.0%	10
total	34.85	38.711	40.179	40.344	40.508	38.525	100.0%	10

Load duration: 115.221567869  
Full duration: 156.790792227

test scenario NovaServers.boot\_and\_delete\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.492	13.618	14.995	15.0	15.004	13.701	100.0%	10
nova.delete_server	2.88	3.033	3.371	3.49	3.61	3.125	100.0%	10
total	15.773	16.838	17.914	18.089	18.264	16.827	100.0%	10

Load duration: 50.1218390465  
Full duration: 119.306482077

test scenario NovaServers.boot\_and\_rebuild\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.196	13.798	15.074	15.293	15.511	13.812	100.0%	10
nova.rebuild_server	12.036	13.891	15.523	15.599	15.676	13.972	100.0%	10
nova.delete_server	2.645	3.268	3.55	3.589	3.628	3.208	100.0%	10
total	28.349	31.175	32.771	33.141	33.511	30.993	100.0%	10

Load duration: 92.8703818321  
Full duration: 164.587569952

test scenario NovaSecGroup.create\_and\_list\_secgroups

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_10_security_groups	4.388	5.032	5.224	5.25	5.277	4.975	100.0%	10
nova.create_100_rules	42.993	44.613	45.762	45.785	45.808	44.39	100.0%	10
nova.list_security_groups	0.153	0.195	0.36	0.486	0.613	0.251	100.0%	10
total	48.225	50.01	50.441	50.635	50.83	49.616	100.0%	10

Load duration: 149.417917013  
Full duration: 217.353839159

test scenario NovaSecGroup.create\_and\_delete\_secgroups

FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	4.382	5.191	5.496	5.608	5.72	5.12	100.0%	10	10
nova.create_100_rules	43.059	44.368	45.778	46.029	46.28	44.458	100.0%	10	10
nova.delete_10_security_groups	1.662	2.265	2.495	2.664	2.832	2.215	100.0%	10	10
total	50.772	51.601	53.26	53.294	53.327	51.794	100.0%	10	10
Load duration: 156.369856119									
Full duration: 199.137834787									
test scenario NovaServers.boot_and_bounce_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	12.013	14.52	15.332	15.8	16.267	14.249	100.0%	10	10
nova.reboot_server	5.223	6.071	6.385	6.462	6.539	5.987	100.0%	10	10
nova.soft_reboot_server	5.766	8.423	8.806	9.002	9.198	8.214	100.0%	10	10
nova.stop_server	3.892	6.503	7.587	10.894	14.201	6.898	100.0%	10	10
nova.start_server	3.432	4.687	5.177	5.424	5.672	4.587	100.0%	10	10
nova.rescue_server	7.9	8.519	9.688	10.196	10.703	8.724	100.0%	10	10
nova.unrescue_server	5.091	5.518	5.836	6.131	6.426	5.577	100.0%	10	10
nova.delete_server	2.495	2.921	3.469	3.516	3.563	2.974	100.0%	10	10
total	53.649	57.305	59.111	60.626	62.142	57.23	100.0%	10	10
Load duration: 174.621170044									
Full duration: 245.828352928									
test scenario NovaServers.boot_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	13.233	14.359	15.326	15.425	15.523	14.261	100.0%	10	10
total	13.234	14.359	15.326	15.425	15.523	14.261	100.0%	10	10
Load duration: 42.6567699909									
Full duration: 99.771146059									
test scenario NovaSecGroup.boot_and_delete_server_with_secgroups									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	4.306	4.999	5.282	5.289	5.296	4.937	100.0%	10	10
nova.create_100_rules	41.795	43.955	45.983	46.201	46.418	44.135	100.0%	10	10
nova.boot_server	10.075	11.651	12.302	13.061	13.82	11.534	100.0%	10	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.get_attached_security_groups	0.217	0.249	0.568	0.572	0.577	0.338	100.0%
nova.delete_server	2.469	2.619	2.937	3.034	3.131	2.712	100.0%
nova.delete_10_security_groups	1.574	1.878	2.55	2.704	2.858	2.053	100.0%
total	63.097	65.905	66.858	67.329	67.8	65.71	100.0%

Load duration: 195.037164927  
Full duration: 263.490648985

test scenario NovaServers.pause\_and\_unpause\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.325	13.238	14.398	14.542	14.687	13.373	100.0%	10
nova.pause_server	2.412	2.986	3.177	3.205	3.233	2.946	100.0%	10
nova.unpause_server	2.824	3.169	3.325	3.392	3.459	3.13	100.0%	10
nova.delete_server	2.501	3.244	3.557	3.634	3.71	3.233	100.0%	10
total	21.499	22.307	24.0	24.022	24.043	22.682	100.0%	10

Load duration: 67.2968730927  
Full duration: 134.783083916

test scenario NovaServers.boot\_server\_from\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	9.885	10.866	11.617	11.636	11.655	10.841	100.0%	10
nova.boot_server	13.236	14.774	15.766	16.126	16.486	14.693	100.0%	10
total	23.437	25.64	27.197	27.213	27.23	25.534	100.0%	10

Load duration: 78.3072631359  
Full duration: 145.979751825

test scenario NovaServers.boot\_and\_list\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.745	14.15	15.755	15.872	15.99	14.143	100.0%	10
nova.list_servers	0.579	0.977	1.114	1.158	1.203	0.926	100.0%	10
total	13.49	14.979	16.933	16.94	16.947	15.07	100.0%	10

Load duration: 46.7471969128  
Full duration: 130.989289045

run\_rally - INFO - Test scenario: "nova" OK.

```
run_rally - INFO - Starting test scenario "quotas" ...
run_rally - INFO -
  Preparing input task
  Task 09c70711-40eb-4c85-8b87-c0c081222b0d: started
Task 09c70711-40eb-4c85-8b87-c0c081222b0d: finished
```

test scenario Quotas.cinder\_update

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
quotas.update_quotas	1.123	1.192	1.297	1.331	1.365	1.21	100.0%	10	
total	1.123	1.192	1.297	1.331	1.365	1.21	100.0%	10	

Load duration: 3.62791609764

Full duration: 16.2237439156

test scenario Quotas.neutron\_update

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
quotas.update_quotas	0.396	0.426	0.572	0.581	0.591	0.464	100.0%	10	
total	0.553	0.575	0.773	0.834	0.896	0.64	100.0%	10	

Load duration: 1.80940699577

Full duration: 13.0895729065

test scenario Quotas.cinder\_update\_and\_delete

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
quotas.update_quotas	1.145	1.182	1.365	1.407	1.449	1.234	100.0%	10	
quotas.delete_quotas	0.543	0.933	1.011	1.032	1.053	0.873	100.0%	10	
total	1.723	2.095	2.413	2.435	2.456	2.107	100.0%	10	

Load duration: 6.34634900093

Full duration: 18.2702391148

test scenario Quotas.nova\_update\_and\_delete

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
quotas.update_quotas	0.544	0.621	0.695	0.705	0.716	0.619	100.0%	10	
quotas.delete_quotas	0.017	0.023	0.028	0.028	0.029	0.024	100.0%	10	
total	0.569	0.642	0.713	0.726	0.739	0.643	100.0%	10	

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.95026016235
Full duration: 13.2278659344

test scenario Quotas.nova_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.571 | 0.647  | 0.664  | 0.692  | 0.719 | 0.643 | 100.0% | 10    |
| total                   | 0.571 | 0.647  | 0.664  | 0.692  | 0.719 | 0.644 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.94177007675
Full duration: 13.6731410027

run_rally - INFO - Test scenario: "quotas" OK.

run_rally - INFO - Starting test scenario "requests" ...
run_rally - INFO -
  Preparing input task
  Task ee8c572e-1240-4996-a06f-801592da0277: started
Task ee8c572e-1240-4996-a06f-801592da0277: finished

test scenario HttpRequests.check_random_request
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| requests.check_request | 0.047 | 0.201  | 0.383  | 0.384  | 0.386 | 0.214 | 100.0% | 10    |
| total                   | 0.047 | 0.201  | 0.383  | 0.384  | 0.386 | 0.214 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.791751146317
Full duration: 5.66926693916

test scenario HttpRequests.check_request
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| requests.check_request | 0.044 | 0.046  | 0.052  | 0.052  | 0.053 | 0.048 | 100.0% | 10    |
| total                   | 0.044 | 0.046  | 0.052  | 0.052  | 0.053 | 0.048 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.181750059128
Full duration: 5.16227507591

run_rally - INFO - Test scenario: "requests" OK.

```

run\_rally - INFO -

Rally Summary Report			
Module	Duration	nb. Test Run	Success
authenticate	00:59	10	100.00%
glance	03:38	7	100.00%
cinder	22:59	50	100.00%
heat	11:16	35	100.00%
keystone	02:37	29	100.00%
neutron	10:03	31	100.00%
nova	47:41	61	100.00%
quotas	01:14	7	100.00%
requests	00:10	2	100.00%
<b>TOTAL:</b>	<b>01:40:41</b>	<b>232</b>	<b>100.00%</b>

### 3.13 Feature tests

#### 3.13.1 vIMS

```

FUNCTEST.info: Running vIMS test...
vIMS - INFO - Prepare OpenStack plateform (create tenant and user)
vIMS - INFO - Update OpenStack creds informations
vIMS - INFO - Upload some OS images if it doesn't exist
vIMS - INFO - centos_7 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - ubuntu_14.04 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - Update security group quota for this tenant
vIMS - INFO - Update cinder quota for this tenant
vIMS - INFO - Collect flavor id for cloudify manager server
vIMS - INFO - Prepare virtualenv for cloudify-cli
vIMS - INFO - Downloading the cloudify manager server blueprint
vIMS - INFO - Cloudify deployment Start Time:'2016-02-19 05:44:47'
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the cloudify-manager deployment
vIMS - INFO - Cloudify-manager server is UP !
vIMS - INFO - Cloudify deployment duration:'1149.9'
vIMS - INFO - Collect flavor id for all clearwater vm
vIMS - INFO - vIMS VNF deployment Start Time:'2016-02-19 06:04:00'
vIMS - INFO - Downloading the openstack-blueprint.yaml blueprint
vIMS - INFO - Writing the inputs file
    
```

```
vIMS - INFO - Launching the clearwater deployment
vIMS - INFO - The deployment of clearwater-opnfv is ended
vIMS - INFO - vIMS VNF deployment duration:'1133.8'
vIMS - INFO - vIMS functional test Start Time:'2016-02-19 06:25:59'
vIMS - INFO - vIMS functional test duration:'2.9'
vIMS - INFO - Launching the clearwater-opnfv undeployment
vIMS - ERROR - Error when executing command /bin/bash -c 'source /home/opnfv/funcstest/data/vIMS/venv_
vIMS - INFO - Launching the cloudify-manager undeployment
vIMS - INFO - Cloudify-manager server has been successfully removed!
vIMS - INFO - Removing vIMS tenant ..
vIMS - INFO - Removing vIMS user ..
```

### 3.13.2 Promise

```
FUNCTEST.info: Running PROMISE test case...
Promise- INFO - Creating tenant 'promise'...
Promise- INFO - Adding role '9d0a0a36d3d54cdbc4cd3c29c5f79a28' to tenant 'promise'...
Promise- INFO - Creating user 'promiser'...
Promise- INFO - Updating OpenStack credentials...
Promise- INFO - Creating image 'promise-img' from '/home/opnfv/funcstest/data/cirros-0.3.4-x86_64-disk
Promise- INFO - Creating flavor 'promise-flavor'...
Promise- INFO - Exporting environment variables...
Promise- INFO - Running command: npm run -s test -- --reporter json
Promise- INFO - The test succeeded.
Promise- DEBUG -
{
  "stats": {
    "suites": 23,
    "tests": 33,
    "passes": 33,
    "pending": 0,
    "failures": 0,
    "start": "2016-02-18T13:37:06.661Z",
    "end": "2016-02-18T13:37:12.962Z",
    "duration": 5524
  },
  "tests": [
    {
      "title": "should add a new OpenStack provider without error",
      "fullTitle": "promise register OpenStack into resource pool add-provider should add a new Open
      "duration": 1217,
      "err": {}
    },
    {
      "title": "should update promise.providers with a new entry",
      "fullTitle": "promise register OpenStack into resource pool add-provider should update promise
      "duration": 10,
      "err": {}
    },
    {
      "title": "should contain a new ResourceProvider record in the store",
      "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new R
      "duration": 0,
      "err": {}
    },
    {

```



```

    "title": "should add more capacity to the reservation service without error",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more capacity",
    "duration": 25,
    "err": {}
  },
  {
    "title": "should update promise.pools with a new entry",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should update promise.pools",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should contain a ResourcePool record in the store",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a ResourcePool record",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should report total collections and utilizations",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should report total collections and utilizations",
    "duration": 18,
    "err": {}
  },
  {
    "title": "should contain newly added capacity pool",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly added capacity pool",
    "duration": 8,
    "err": {}
  },
  {
    "title": "should create a new server in target provider without error",
    "fullTitle": "promise allocation without reservation create-instance should create a new server in target provider",
    "duration": 1768,
    "err": {}
  },
  {
    "title": "should update promise.allocations with a new entry",
    "fullTitle": "promise allocation without reservation create-instance should update promise.allocations",
    "duration": 2,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation without reservation create-instance should contain a new ResourceAllocation record",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should reference the created server ID from the provider",
    "fullTitle": "promise allocation without reservation create-instance should reference the created server ID from the provider",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should have low priority state",
    "fullTitle": "promise allocation without reservation create-instance should have low priority state",
    "duration": 0,
    "err": {}
  }

```

```
},
{
  "title": "should create reservation record (no start/end) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 41,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 7,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 0,
  "err": {}
},
{
  "title": "should create a new server in target provider (with reservation) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should cr",
  "duration": 1617,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should co",
  "duration": 1,
  "err": {}
},
{
  "title": "should be referenced in the reservation record",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should be",
  "duration": 7,
  "err": {}
},
{
  "title": "should have high priority state",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should hav",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (for future) without error",
  "fullTitle": "promise reservation for future use create-reservation should create reservation r",
  "duration": 75,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise reservation for future use create-reservation should update promise.reser",
  "duration": 17,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise reservation for future use create-reservation should contain a new Resour
```

```

    "duration": 0,
    "err": {}
  },
  {
    "title": "should contain newly created future reservation",
    "fullTitle": "promise reservation for future use query-reservation should contain newly created",
    "duration": 61,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use update-reservation should modify existing rese",
    "duration": 65,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use cancel-reservation should modify existing rese",
    "duration": 17,
    "err": {}
  },
  {
    "title": "should no longer contain record of the deleted reservation",
    "fullTitle": "promise reservation for future use cancel-reservation should no longer contain re",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should decrease available capacity from a provider in the future",
    "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity fr",
    "duration": 15,
    "err": {}
  },
  {
    "title": "should increase available capacity from a provider in the future",
    "fullTitle": "promise capacity planning increase-capacity should increase available capacity fr",
    "duration": 11,
    "err": {}
  },
  {
    "title": "should report available collections and utilizations",
    "fullTitle": "promise capacity planning query-capacity should report available collections and",
    "duration": 56,
    "err": {}
  },
  {
    "title": "should fail to create immediate reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create immedi",
    "duration": 60,
    "err": {}
  },
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future",
    "duration": 38,
    "err": {}
  },
  {

```

```
    "title": "should successfully destroy all allocations",
    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all",
    "duration": 361,
    "err": {}
  }
],
"pending": [],
"failures": [],
"passes": [
  {
    "title": "should add a new OpenStack provider without error",
    "fullTitle": "promise register OpenStack into resource pool add-provider should add a new OpenS",
    "duration": 1217,
    "err": {}
  },
  {
    "title": "should update promise.providers with a new entry",
    "fullTitle": "promise register OpenStack into resource pool add-provider should update promise",
    "duration": 10,
    "err": {}
  },
  {
    "title": "should contain a new ResourceProvider record in the store",
    "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new R",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should add more capacity to the reservation service without error",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more c",
    "duration": 25,
    "err": {}
  },
  {
    "title": "should update promise.pools with a new entry",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should update pro",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should contain a ResourcePool record in the store",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should report total collections and utilizations",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should report total",
    "duration": 18,
    "err": {}
  },
  {
    "title": "should contain newly added capacity pool",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly",
    "duration": 8,
    "err": {}
  },
  {
```

```

    "title": "should create a new server in target provider without error",
    "fullTitle": "promise allocation without reservation create-instance should create a new server",
    "duration": 1768,
    "err": {}
  },
  {
    "title": "should update promise.allocations with a new entry",
    "fullTitle": "promise allocation without reservation create-instance should update promise.all",
    "duration": 2,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation without reservation create-instance should contain a new Resou",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should reference the created server ID from the provider",
    "fullTitle": "promise allocation without reservation create-instance should reference the creat",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should have low priority state",
    "fullTitle": "promise allocation without reservation create-instance should have low priority s",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (no start/end) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 41,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 7,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create a new server in target provider (with reservation) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should cre",
    "duration": 1617,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should co",
    "duration": 1,
    "err": {}
  }

```

```
},
{
  "title": "should be referenced in the reservation record",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should be",
  "duration": 7,
  "err": {}
},
{
  "title": "should have high priority state",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should ha",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (for future) without error",
  "fullTitle": "promise reservation for future use create-reservation should create reservation r",
  "duration": 75,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise reservation for future use create-reservation should update promise.reser",
  "duration": 17,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise reservation for future use create-reservation should contain a new Resour",
  "duration": 0,
  "err": {}
},
{
  "title": "should contain newly created future reservation",
  "fullTitle": "promise reservation for future use query-reservation should contain newly create",
  "duration": 61,
  "err": {}
},
{
  "title": "should modify existing reservation without error",
  "fullTitle": "promise reservation for future use update-reservation should modify existing rese",
  "duration": 65,
  "err": {}
},
{
  "title": "should modify existing reservation without error",
  "fullTitle": "promise reservation for future use cancel-reservation should modify existing rese",
  "duration": 17,
  "err": {}
},
{
  "title": "should no longer contain record of the deleted reservation",
  "fullTitle": "promise reservation for future use cancel-reservation should no longer contain re",
  "duration": 0,
  "err": {}
},
{
  "title": "should decrease available capacity from a provider in the future",
  "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity fr
```

```

    "duration": 15,
    "err": {}
  },
  {
    "title": "should increase available capacity from a provider in the future",
    "fullTitle": "promise capacity planning increase-capacity should increase available capacity fr
    "duration": 11,
    "err": {}
  },
  {
    "title": "should report available collections and utilizations",
    "fullTitle": "promise capacity planning query-capacity should report available collections and
    "duration": 56,
    "err": {}
  },
  {
    "title": "should fail to create immediate reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create immed
    "duration": 60,
    "err": {}
  },
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future
    "duration": 38,
    "err": {}
  },
  {
    "title": "should successfully destroy all allocations",
    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all
    "duration": 361,
    "err": {}
  }
]
}
Promise- INFO -
*****
          Promise test report
*****
Suites:    23
Tests:    33
Passes:    33
Pending:   0
Failures:  0
Start:    2016-02-18T13:37:06.661Z
End:      2016-02-18T13:37:12.962Z
Duration: 6.301
*****

```

## 3.14 Detailed test results for fuel-os-nosdn-ovs-ha

### 3.15 VIM

#### 3.15.1 vping\_ssh

```
FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-18 13:27:35'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=fff41d5d-579a-4c26-844d-4e86700c44f6
  network=a5137d46-dea8-4f85-8872-08c4a5927182

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=fff41d5d-579a-4c26-844d-4e86700c44f6
  network=a5137d46-dea8-4f85-8872-08c4a5927182

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '10.118.101.200'
vPing_ssh- INFO - Associating floating ip: '10.118.101.200' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 10.118.101.200...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'42.1' s.
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK
```

#### 3.15.2 vping\_userdata

```
FUNCTEST.info: Running vPing-userdata test...
vPing_userdata- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_userdata- INFO - Creating neutron network vping-net...
vPing_userdata- INFO - Creating security group 'vPing-sg'...
vPing_userdata- INFO - Flavor found 'm1.small'
vPing_userdata- INFO - vPing Start Time:'2016-02-18 13:29:00'
vPing_userdata- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=5e34c73d-91d0-4852-a407-5a4b4c1932c6
  network=a1efb318-1338-436f-8f26-3a1bacab0538

vPing_userdata- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_userdata- INFO - Creating instance 'opnfv-vping-2'...
```







```

| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_numeric_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_metadata
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_a_server_of_a
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_get_non_existent_ser
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_invalid_ip_v6_addres
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_se
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_e
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_and
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_er
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_analt_user_tena
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_serv
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_serv
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
| tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_pass
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
| tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete
| tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
| tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions

```

```
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixed_ip_address
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_floating_ip
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_list_security_groups
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification_status
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification_status
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
```

```

| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basicops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-1602:24:40.738841', 'duration': 234, 'tests': 23}

```

### 3.15.4 Rally

```

FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...
run_rally - INFO -
  Preparing input task
  Task 3074958f-9ce1-47bc-9d9d-e78bc2233a68: started
Task 3074958f-9ce1-47bc-9d9d-e78bc2233a68: finished

test scenario Authenticate.validate_glance
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.519 | 0.582  | 0.614  | 0.616  | 0.619 | 0.577 | 100.0% | 10    |
| authenticate.validate_glance (2)    | 0.318 | 0.548  | 0.621  | 0.699  | 0.777 | 0.557 | 100.0% | 10    |
| total                                | 1.086 | 1.305  | 1.37   | 1.467  | 1.563 | 1.307 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 3.99583816528
Full duration: 11.4604001045

test scenario Authenticate.keystone
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| total  | 0.139 | 0.157  | 0.174  | 0.175  | 0.175 | 0.158 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.509595870972
Full duration: 8.08681082726

test scenario Authenticate.validate_heat
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

authenticate.validate_heat	0.281	0.3	0.407	0.408	0.409	0.322	100.0%	10
authenticate.validate_heat (2)	0.049	0.288	0.309	0.343	0.377	0.254	100.0%	10
total	0.474	0.756	0.876	0.883	0.89	0.748	100.0%	10
Load duration: 2.13345599174								
Full duration: 9.90360093117								
test scenario Authenticate.validate_nova								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_nova	0.263	0.305	0.334	0.394	0.454	0.313	100.0%	10
authenticate.validate_nova (2)	0.031	0.045	0.061	0.07	0.079	0.048	100.0%	10
total	0.456	0.517	0.555	0.62	0.686	0.525	100.0%	10
Load duration: 1.58427906036								
Full duration: 9.08766698837								
test scenario Authenticate.validate_cinder								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_cinder	0.279	0.31	0.336	0.384	0.433	0.316	100.0%	10
authenticate.validate_cinder (2)	0.023	0.284	0.356	0.475	0.594	0.244	100.0%	10
total	0.44	0.784	0.989	1.066	1.142	0.75	100.0%	10
Load duration: 2.06888413429								
Full duration: 9.67203593254								
test scenario Authenticate.validate_neutron								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
authenticate.validate_neutron	0.279	0.333	0.347	0.348	0.348	0.328	100.0%	10
authenticate.validate_neutron (2)	0.042	0.302	0.341	0.374	0.407	0.263	100.0%	10
total	0.467	0.804	0.848	0.869	0.89	0.757	100.0%	10
Load duration: 2.20722603798								
Full duration: 10.0450489521								
run_rally - INFO - Test scenario: "authenticate" OK.								
run_rally - INFO - Starting test scenario "glance" ...								

```

run_rally - INFO -
  Preparing input task
  Task 2d256e70-85ea-4394-a6ef-clbb7f56a349: started
Task 2d256e70-85ea-4394-a6ef-clbb7f56a349: finished

test scenario GlanceImages.list_images
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min | median | 90%ile | 95%ile | max | avg | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.list_images | 0.69 | 0.754 | 0.845 | 0.853 | 0.86 | 0.771 | 100.0% | 10 |
| total           | 0.69 | 0.754 | 0.845 | 0.853 | 0.86 | 0.771 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.37443709373
Full duration: 12.192773819

test scenario GlanceImages.create_image_and_boot_instances
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min | median | 90%ile | 95%ile | max | avg | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 7.016 | 7.626 | 8.071 | 8.175 | 8.28 | 7.656 | 100.0% | 10 |
| nova.boot_servers  | 14.247 | 15.398 | 16.507 | 16.622 | 16.737 | 15.457 | 100.0% | 10 |
| total           | 21.583 | 22.978 | 23.909 | 24.335 | 24.761 | 23.114 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 68.0709619522
Full duration: 125.822338104

test scenario GlanceImages.create_and_list_image
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min | median | 90%ile | 95%ile | max | avg | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 7.021 | 7.699 | 9.045 | 14.322 | 19.599 | 8.763 | 100.0% | 10 |
| glance.list_images  | 0.334 | 0.602 | 0.657 | 0.684 | 0.71 | 0.593 | 100.0% | 10 |
| total           | 7.61 | 8.326 | 9.638 | 14.906 | 20.173 | 9.356 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 28.350317955
Full duration: 54.6049070358

test scenario GlanceImages.create_and_delete_image
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min | median | 90%ile | 95%ile | max | avg | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image | 7.113 | 7.689 | 7.945 | 7.946 | 7.948 | 7.622 | 100.0% | 10 |
| glance.delete_image | 1.846 | 2.236 | 3.676 | 9.026 | 14.377 | 3.407 | 100.0% | 10 |
| total           | 9.452 | 9.823 | 11.494 | 16.81 | 22.126 | 11.029 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 31.6257281303
Full duration: 42.0794751644

run_rally - INFO - Test scenario: "glance" OK.

run_rally - INFO - Starting test scenario "cinder" ...
run_rally - INFO -
  Preparing input task
  Task 9f092186-5955-4467-948a-16d0404a8c2f: started
Task 9f092186-5955-4467-948a-16d0404a8c2f: finished

test scenario CinderVolumes.create_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server                    | 10.268 | 12.476 | 13.344 | 13.444 | 13.544 | 12.273 | 100.0% | 10    |
| cinder.create_volume                 | 3.181  | 3.689  | 3.924  | 4.051  | 4.178  | 3.675  | 100.0% | 10    |
| nova.attach_volume                   | 3.763  | 4.185  | 6.83   | 6.904  | 6.978  | 4.705  | 100.0% | 10    |
| nova.detach_volume                   | 3.274  | 3.884  | 4.469  | 4.48   | 4.491  | 3.865  | 100.0% | 10    |
| cinder.delete_volume                 | 0.598  | 2.89   | 3.108  | 3.229  | 3.351  | 2.513  | 100.0% | 10    |
| nova.delete_server                   | 2.824  | 3.112  | 3.135  | 3.142  | 3.15   | 3.06   | 100.0% | 10    |
| total                                | 28.505 | 29.774 | 31.521 | 31.648 | 31.774 | 30.091 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 89.9433991909
Full duration: 132.382716179

test scenario CinderVolumes.create_and_list_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume                 | 9.263  | 9.593  | 10.234 | 10.313 | 10.391 | 9.735  | 100.0% | 10    |
| cinder.list_volumes                  | 0.073  | 0.334  | 0.502  | 0.51   | 0.517  | 0.325  | 100.0% | 10    |
| total                                | 9.347  | 9.982  | 10.562 | 10.633 | 10.704 | 10.06  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 30.0611338615
Full duration: 53.2253141403

test scenario CinderVolumes.create_and_list_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume                 | 3.693  | 3.995  | 4.393  | 4.446  | 4.498  | 4.011  | 100.0% | 10    |
| cinder.list_volumes                  | 0.073  | 0.365  | 0.473  | 0.503  | 0.532  | 0.334  | 100.0% | 10    |
| total                                | 3.792  | 4.367  | 4.739  | 4.852  | 4.964  | 4.345  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```



FuncTest test results, Release brahmaputra.3.0 (41850cb)

Load duration: 13.0783438683  
Full duration: 34.8268380165

test scenario CinderVolumes.create\_and\_list\_snapshots

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_snapshot	3.034	3.324	3.749	4.714	5.679	3.488	100.0%	10
cinder.list_snapshots	0.027	0.306	0.324	0.326	0.329	0.227	100.0%	10
total	3.132	3.417	4.072	5.033	5.994	3.715	100.0%	10

Load duration: 10.4324269295  
Full duration: 51.1932430267

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.495	3.952	4.201	4.213	4.224	3.929	100.0%	10
cinder.delete_volume	0.559	2.729	3.265	3.327	3.389	2.111	100.0%	10
total	4.352	6.379	7.367	7.421	7.476	6.04	100.0%	10

Load duration: 18.7915260792  
Full duration: 37.4740400314

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	9.153	9.894	10.152	10.17	10.189	9.798	100.0%	10
cinder.delete_volume	0.563	0.972	3.341	3.425	3.51	1.572	100.0%	10
total	9.717	10.853	13.493	13.596	13.699	11.371	100.0%	10

Load duration: 31.9503250122  
Full duration: 51.7525529861

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.461	3.688	4.442	4.444	4.447	3.838	100.0%	10
cinder.delete_volume	0.493	0.917	3.039	3.183	3.328	1.504	100.0%	10

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

total	4.048	4.704	7.416	7.425	7.434	5.343	100.0%	10	
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Load duration: 16.7748939991  
Full duration: 35.0109767914

test scenario CinderVolumes.create\_and\_upload\_volume\_to\_image

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.474	3.728	4.034	4.158	4.283	3.802	100.0%	10	
cinder.upload_volume_to_image	16.739	27.612	32.627	32.648	32.669	26.268	100.0%	10	
cinder.delete_volume	0.914	2.817	3.041	3.073	3.105	2.347	100.0%	10	
nova.delete_image	2.403	2.717	2.8	2.899	2.999	2.685	100.0%	10	
total	26.184	36.276	42.076	42.091	42.105	35.103	100.0%	10	

Load duration: 100.882842064  
Full duration: 122.017296791

test scenario CinderVolumes.create\_and\_delete\_snapshot

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_snapshot	2.994	3.448	3.79	4.429	5.067	3.513	100.0%	10	
cinder.delete_snapshot	2.529	2.878	3.135	3.14	3.144	2.867	100.0%	10	
total	5.551	6.333	6.766	7.484	8.202	6.38	100.0%	10	

Load duration: 20.3024630547  
Full duration: 53.5971570015

test scenario CinderVolumes.create\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.445	3.759	3.809	3.811	3.814	3.703	100.0%	10	
total	3.445	3.759	3.809	3.812	3.814	3.703	100.0%	10	

Load duration: 11.0321419239  
Full duration: 28.9824199677

test scenario CinderVolumes.create\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	

FuncTest test results, Release brahmaputra.3.0 (41850cb)

cinder.create_volume	3.698	3.935	4.094	4.163	4.233	3.919	100.0%	10	
total	3.699	3.935	4.094	4.163	4.233	3.919	100.0%	10	
Load duration: 11.7128379345									
Full duration: 34.5113909245									
test scenario CinderVolumes.list_volumes									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.list_volumes	0.491	0.525	0.554	0.555	0.556	0.529	100.0%	10	
total	0.491	0.525	0.554	0.555	0.556	0.529	100.0%	10	
Load duration: 1.63166594505									
Full duration: 66.0012481213									
test scenario CinderVolumes.create_nested_snapshots_and_attach_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.397	3.887	4.192	4.206	4.22	3.861	100.0%	10	
cinder.create_snapshot	2.867	3.153	3.188	3.25	3.311	3.111	100.0%	10	
nova.attach_volume	3.869	5.36	10.321	11.444	12.567	6.387	100.0%	10	
nova.detach_volume	3.309	3.955	4.207	4.268	4.33	3.843	100.0%	10	
cinder.delete_snapshot	2.26	2.629	2.904	3.051	3.199	2.668	100.0%	10	
cinder.delete_volume	0.553	2.446	2.844	2.938	3.033	1.903	100.0%	10	
total	18.664	22.016	27.546	29.149	30.752	22.899	100.0%	10	
Load duration: 67.0612659454									
Full duration: 183.666878939									
test scenario CinderVolumes.create_from_volume_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.553	3.919	4.193	4.206	4.219	3.896	100.0%	10	
cinder.delete_volume	2.698	3.101	3.447	3.564	3.682	3.136	100.0%	10	
total	6.251	7.071	7.484	7.564	7.645	7.032	100.0%	10	
Load duration: 21.0021979809									
Full duration: 55.9390618801									
test scenario CinderVolumes.create_and_extend_volume									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

```

+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.435 | 4.074  | 4.424  | 4.424  | 4.425 | 4.026 | 100.0% | 10   |
| cinder.extend_volume | 0.707 | 1.246  | 3.299  | 3.344  | 3.389 | 1.877 | 100.0% | 10   |
| cinder.delete_volume | 0.692 | 1.948  | 3.07   | 3.114  | 3.157 | 1.937 | 100.0% | 10   |
| total          | 5.944 | 8.052  | 8.803  | 9.273  | 9.743 | 7.84  | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 23.8975720406  
Full duration: 43.0286390781

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

```

+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.311 | 3.828  | 3.963  | 3.983  | 4.004 | 3.796 | 100.0% | 10   |
| cinder.create_snapshot | 2.536 | 2.956  | 3.228  | 3.282  | 3.336 | 2.967 | 100.0% | 10   |
| nova.attach_volume   | 3.854 | 4.422  | 6.403  | 6.702  | 7.002 | 4.856 | 100.0% | 10   |
| nova.detach_volume   | 3.28  | 3.968  | 4.168  | 4.23   | 4.291 | 3.861 | 100.0% | 10   |
| cinder.delete_snapshot | 2.409 | 2.566  | 2.92   | 2.931  | 2.943 | 2.652 | 100.0% | 10   |
| cinder.delete_volume | 0.616 | 2.517  | 2.894  | 3.087  | 3.279 | 2.098 | 100.0% | 10   |
| total          | 19.096 | 21.622 | 23.818 | 24.006 | 24.195 | 21.486 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 61.8816320896  
Full duration: 192.880079985

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

```

+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.008 | 3.875  | 4.246  | 4.262  | 4.278 | 3.77  | 100.0% | 10   |
| cinder.create_snapshot | 2.518 | 3.123  | 3.599  | 3.708  | 3.818 | 3.136 | 100.0% | 10   |
| nova.attach_volume   | 3.945 | 5.453  | 7.683  | 8.854  | 10.024 | 5.87  | 100.0% | 10   |
| nova.detach_volume   | 3.292 | 3.879  | 4.458  | 4.792  | 5.127 | 3.95  | 100.0% | 10   |
| cinder.delete_snapshot | 0.527 | 2.572  | 2.804  | 2.854  | 2.904 | 2.393 | 100.0% | 10   |
| cinder.delete_volume | 0.894 | 2.839  | 3.023  | 3.037  | 3.052 | 2.513 | 100.0% | 10   |
| total          | 20.01 | 23.245 | 26.325 | 27.177 | 28.028 | 23.414 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 71.9912419319  
Full duration: 203.27274704

```

run_rally - INFO - Test scenario: "cinder" OK.

run_rally - INFO - Starting test scenario "heat" ...
run_rally - INFO -
  Preparing input task

```

Task f964ffc4-416b-4d44-b65d-29baeaea8bec: started  
 Task f964ffc4-416b-4d44-b65d-29baeaea8bec: finished

test scenario HeatStacks.create\_suspend\_resume\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.969	4.357	4.55	4.551	4.551	4.324	100.0%	10
heat.suspend_stack	1.657	1.711	1.822	1.868	1.915	1.731	100.0%	10
heat.resume_stack	1.437	1.616	1.637	1.648	1.658	1.574	100.0%	10
heat.delete_stack	1.403	1.555	1.702	2.211	2.721	1.658	100.0%	10
total	8.875	9.374	9.503	9.735	9.967	9.288	100.0%	10

Load duration: 27.5499420166  
 Full duration: 37.6667420864

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.985	4.305	4.343	4.374	4.405	4.237	100.0%	10
heat.delete_stack	1.379	1.455	1.484	1.487	1.489	1.447	100.0%	10
total	5.451	5.729	5.798	5.812	5.826	5.683	100.0%	10

Load duration: 17.0478360653  
 Full duration: 27.8095588684

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	26.314	28.232	29.851	29.855	29.859	28.255	100.0%	10
heat.delete_stack	10.7	11.864	12.929	12.939	12.949	12.051	100.0%	10
total	38.29	40.481	41.719	41.722	41.725	40.306	100.0%	10

Load duration: 120.330497026  
 Full duration: 130.361554861

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	22.65	24.176	25.608	26.138	26.667	24.433	100.0%	10
heat.delete_stack	10.59	11.212	11.949	12.486	13.022	11.332	100.0%	10

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

total	33.338	36.173	37.277	37.282	37.287	35.765	100.0%	10	
Load duration: 105.698035955									
Full duration: 115.92205596									
test scenario HeatStacks.list_stacks_and_resources									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.list_stacks	0.513	0.529	0.55	0.555	0.559	0.532	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.513	0.529	0.55	0.555	0.56	0.532	100.0%	10	
Load duration: 1.66571998596									
Full duration: 10.2634401321									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	3.891	4.318	4.491	4.525	4.559	4.283	100.0%	10	
heat.update_stack	3.532	3.653	3.805	3.849	3.893	3.669	100.0%	10	
heat.delete_stack	1.517	2.659	2.766	2.767	2.768	2.555	100.0%	10	
total	9.434	10.591	10.815	10.957	11.1	10.507	100.0%	10	
Load duration: 31.6606299877									
Full duration: 41.6391699314									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	3.815	4.241	4.394	4.403	4.411	4.206	100.0%	10	
heat.update_stack	3.536	3.637	3.758	3.809	3.86	3.655	100.0%	10	
heat.delete_stack	1.359	1.407	1.693	2.128	2.563	1.55	100.0%	10	
total	9.067	9.301	9.655	10.15	10.645	9.412	100.0%	10	
Load duration: 27.7025399208									
Full duration: 38.6538958549									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									

FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.845	4.648	5.545	5.549	5.552	4.702	100.0%	10
heat.update_stack	5.818	5.896	6.239	6.242	6.246	5.982	100.0%	10
heat.delete_stack	2.479	2.526	2.59	2.606	2.623	2.537	100.0%	10
total	12.651	13.069	13.902	13.942	13.981	13.221	100.0%	10

Load duration: 39.0307080746  
Full duration: 49.9186120033

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)

action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	5.244	5.361	5.485	5.498	5.511	5.375	100.0%	10
heat.update_stack	9.239	9.295	9.34	9.346	9.353	9.298	100.0%	10
heat.delete_stack	3.643	3.694	3.736	3.74	3.745	3.697	100.0%	10
total	18.262	18.349	18.503	18.508	18.514	18.37	100.0%	10

Load duration: 55.1248130798  
Full duration: 66.4681949615

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)

action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.185	4.4	4.476	4.481	4.486	4.371	100.0%	10
heat.update_stack	5.806	5.891	5.921	5.933	5.946	5.879	100.0%	10
heat.delete_stack	2.512	2.569	2.622	2.626	2.629	2.572	100.0%	10
total	12.536	12.853	12.946	12.953	12.959	12.821	100.0%	10

Load duration: 38.3984200954  
Full duration: 49.409635067

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)

action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.99	4.405	4.621	4.622	4.623	4.393	100.0%	10
heat.update_stack	3.536	3.563	3.779	3.832	3.885	3.624	100.0%	10
heat.delete_stack	1.335	2.488	2.546	2.555	2.564	2.09	100.0%	10
total	9.272	10.325	10.734	10.81	10.886	10.107	100.0%	10

Load duration: 30.7103030682  
Full duration: 41.7412381172

test scenario HeatStacks.create\_and\_list\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.146	4.271	4.393	4.448	4.504	4.284	100.0%	10
heat.list_stacks	0.072	0.1	0.111	0.115	0.119	0.097	100.0%	10
total	4.254	4.376	4.494	4.541	4.588	4.382	100.0%	10

Load duration: 13.1074800491  
Full duration: 29.5266339779

test scenario HeatStacks.create\_check\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.907	4.192	4.293	4.364	4.435	4.155	100.0%	10
heat.check_stack	0.745	1.525	1.901	1.922	1.944	1.529	100.0%	10
heat.delete_stack	1.391	2.514	2.598	2.642	2.685	2.316	100.0%	10
total	7.026	8.237	8.42	8.494	8.569	8.0	100.0%	10

Load duration: 23.9746980667  
Full duration: 35.3819260597

run\_rally - INFO - Test scenario: "heat" OK.

run\_rally - INFO - Starting test scenario "keystone" ...

run\_rally - INFO -

Preparing input task

Task 66a8f673-a0ba-4559-8d8e-34457024edd9: started

Task 66a8f673-a0ba-4559-8d8e-34457024edd9: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.269	0.303	0.372	0.379	0.386	0.315	100.0%	10
keystone.create_users	1.601	1.647	1.771	1.776	1.78	1.67	100.0%	10
total	1.871	1.96	2.095	2.101	2.107	1.985	100.0%	10

Load duration: 5.90541005135  
Full duration: 21.2136161327

test scenario KeystoneBasic.create\_add\_and\_list\_user\_roles

Response Times (sec)								
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## FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.274	0.295	0.314	0.347	0.379	0.299	100.0%	10
keystone.add_role	0.254	0.271	0.354	0.378	0.401	0.289	100.0%	10
keystone.list_roles	0.133	0.141	0.154	0.155	0.155	0.142	100.0%	10
total	0.673	0.705	0.811	0.828	0.844	0.73	100.0%	10

Load duration: 2.21612095833  
Full duration: 15.3072237968

test scenario KeystoneBasic.add\_and\_remove\_user\_role

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.278	0.365	0.443	0.457	0.472	0.359	100.0%	10
keystone.add_role	0.262	0.275	0.348	0.352	0.356	0.291	100.0%	10
keystone.remove_role	0.153	0.168	0.178	0.18	0.182	0.167	100.0%	10
total	0.723	0.83	0.906	0.91	0.915	0.817	100.0%	10

Load duration: 2.51204109192  
Full duration: 15.9939908981

test scenario KeystoneBasic.create\_update\_and\_delete\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.283	0.313	0.4	0.402	0.403	0.333	100.0%	10
keystone.update_tenant	0.128	0.156	0.251	0.251	0.251	0.178	100.0%	10
keystone.delete_tenant	0.307	0.356	0.433	0.451	0.469	0.365	100.0%	10
total	0.775	0.886	0.937	0.975	1.013	0.876	100.0%	10

Load duration: 2.67470407486  
Full duration: 14.5480179787

test scenario KeystoneBasic.create\_and\_delete\_service

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_service	0.262	0.301	0.324	0.35	0.375	0.301	100.0%	10
keystone.delete_service	0.136	0.163	0.181	0.209	0.236	0.165	100.0%	10
total	0.413	0.47	0.521	0.522	0.524	0.467	100.0%	10

Load duration: 1.38856720924  
Full duration: 12.6957240105

test scenario KeystoneBasic.create\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.275	0.301	0.313	0.324	0.335	0.299	100.0%	10
total	0.276	0.301	0.313	0.324	0.335	0.299	100.0%	10

Load duration: 0.917107105255

Full duration: 8.57450699806

test scenario KeystoneBasic.create\_user

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_user	0.287	0.309	0.394	0.408	0.422	0.331	100.0%	10
total	0.287	0.31	0.394	0.408	0.422	0.331	100.0%	10

Load duration: 1.01195383072

Full duration: 9.76411700249

test scenario KeystoneBasic.create\_and\_list\_tenants

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.29	0.31	0.33	0.331	0.332	0.311	100.0%	10
keystone.list_tenants	0.122	0.138	0.16	0.194	0.229	0.146	100.0%	10
total	0.422	0.451	0.492	0.525	0.558	0.457	100.0%	10

Load duration: 1.38993692398

Full duration: 15.0407979488

test scenario KeystoneBasic.create\_and\_delete\_role

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.29	0.367	0.474	0.501	0.528	0.374	100.0%	10
keystone.delete_role	0.276	0.317	0.52	0.54	0.561	0.362	100.0%	10
total	0.572	0.704	0.994	1.042	1.089	0.737	100.0%	10

Load duration: 2.35643291473

Full duration: 13.3514738083

```
test scenario KeystoneBasic.get_entities
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.266	0.31	0.344	0.369	0.393	0.313	100.0%	10
keystone.create_user	0.137	0.157	0.169	0.174	0.179	0.158	100.0%	10
keystone.create_role	0.124	0.142	0.164	0.199	0.234	0.151	100.0%	10
keystone.get_tenant	0.112	0.129	0.147	0.149	0.15	0.13	100.0%	10
keystone.get_user	0.126	0.135	0.148	0.15	0.153	0.137	100.0%	10
keystone.get_role	0.116	0.127	0.143	0.156	0.169	0.131	100.0%	10
keystone.service_list	0.117	0.135	0.218	0.224	0.23	0.152	100.0%	10
keystone.get_service	0.12	0.13	0.172	0.197	0.221	0.141	100.0%	10
total	1.204	1.319	1.391	1.394	1.398	1.315	100.0%	10

Load duration: 3.94662213326  
Full duration: 21.1036419868

```
test scenario KeystoneBasic.create_and_list_users
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_user	0.28	0.313	0.343	0.364	0.385	0.32	100.0%	10
keystone.list_users	0.123	0.141	0.158	0.197	0.235	0.148	100.0%	10
total	0.43	0.461	0.516	0.53	0.545	0.468	100.0%	10

Load duration: 1.41474604607  
Full duration: 9.85008382797

run\_rally - INFO - Test scenario: "keystone" OK.

run\_rally - INFO - Starting test scenario "neutron" ...

run\_rally - INFO -

Preparing input task

Task 2ead843e-f4d1-4ee2-a635-0d37175e3c39: started

Task 2ead843e-f4d1-4ee2-a635-0d37175e3c39: finished

```
test scenario NeutronNetworks.create_and_delete_ports
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.788	0.834	0.941	0.962	0.984	0.854	100.0%	10
neutron.delete_port	0.229	0.625	0.757	0.814	0.871	0.637	100.0%	10
total	1.057	1.507	1.702	1.707	1.712	1.492	100.0%	10

Load duration: 4.537129879  
Full duration: 55.4609839916

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

```

test scenario NeutronNetworks.create_and_list_routers
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.706 | 0.789  | 0.991  | 0.992  | 0.992 | 0.825 | 100.0% | 10    |
| neutron.create_router                 | 0.068 | 0.482  | 0.587  | 0.666  | 0.746 | 0.47  | 100.0% | 10    |
| neutron.add_interface_router          | 0.711 | 0.784  | 0.907  | 1.031  | 1.155 | 0.817 | 100.0% | 10    |
| neutron.list_routers                  | 0.417 | 0.467  | 0.513  | 0.54   | 0.567 | 0.474 | 100.0% | 10    |
| total                                 | 2.404 | 2.525  | 2.859  | 2.897  | 2.934 | 2.587 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 7.67870306969
Full duration: 58.1500780582

test scenario NeutronNetworks.create_and_delete_routers
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.749 | 0.813  | 0.872  | 0.875  | 0.878 | 0.816 | 100.0% | 10    |
| neutron.create_router                 | 0.06  | 0.463  | 0.517  | 0.53   | 0.544 | 0.435 | 100.0% | 10    |
| neutron.add_interface_router          | 0.335 | 0.772  | 0.867  | 0.868  | 0.869 | 0.707 | 100.0% | 10    |
| neutron.remove_interface_router       | 0.341 | 0.691  | 0.901  | 0.916  | 0.93  | 0.69  | 100.0% | 10    |
| neutron.delete_router                 | 0.553 | 0.682  | 0.838  | 0.854  | 0.87  | 0.686 | 100.0% | 10    |
| total                                 | 2.946 | 3.271  | 3.758  | 3.795  | 3.832 | 3.335 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 9.81285190582
Full duration: 60.2574419975

test scenario NeutronNetworks.create_and_list_ports
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_port                  | 0.81  | 0.883  | 0.976  | 0.981  | 0.987 | 0.89  | 100.0% | 10    |
| neutron.list_ports                   | 0.563 | 0.626  | 0.776  | 0.827  | 0.877 | 0.652 | 100.0% | 10    |
| total                                 | 1.398 | 1.535  | 1.661  | 1.723  | 1.785 | 1.542 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.79494190216
Full duration: 57.4564638138

test scenario NeutronNetworks.create_and_delete_subnets
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.782 | 0.868  | 0.944  | 0.944  | 0.945 | 0.867 | 100.0% | 10    |
| neutron.delete_subnet                | 0.579 | 0.66   | 0.806  | 0.813  | 0.82  | 0.679 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

total	1.374	1.515	1.721	1.735	1.75	1.546	100.0%	10	
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Load duration: 4.67370796204									
Full duration: 54.8155629635									
test scenario NeutronNetworks.create_and_delete_networks									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Response Times (sec)									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
neutron.create_network	0.617	0.701	0.786	0.79	0.794	0.702	100.0%	10	
neutron.delete_network	0.516	0.595	0.635	0.66	0.685	0.592	100.0%	10	
total	1.156	1.302	1.382	1.392	1.401	1.294	100.0%	10	
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Load duration: 3.91053414345									
Full duration: 34.4190309048									
test scenario NeutronNetworks.create_and_list_networks									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Response Times (sec)									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
neutron.create_network	0.605	0.698	0.893	0.897	0.901	0.723	100.0%	10	
neutron.list_networks	0.403	0.422	0.518	0.522	0.526	0.44	100.0%	10	
total	1.013	1.156	1.315	1.315	1.315	1.163	100.0%	10	
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Load duration: 3.48294115067									
Full duration: 36.022400856									
test scenario NeutronNetworks.create_and_update_routers									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Response Times (sec)									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
neutron.create_subnet	0.749	0.82	0.85	0.884	0.919	0.816	100.0%	10	
neutron.create_router	0.077	0.47	0.6	0.73	0.861	0.482	100.0%	10	
neutron.add_interface_router	0.362	0.752	0.811	0.858	0.904	0.692	100.0%	10	
neutron.update_router	0.206	0.635	0.668	0.68	0.691	0.554	100.0%	10	
total	1.848	2.659	2.876	3.008	3.14	2.544	100.0%	10	
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Load duration: 7.22650980949									
Full duration: 60.5388588905									
test scenario NeutronNetworks.create_and_update_networks									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									
Response Times (sec)									
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.654	0.724	0.888	0.911	0.934	0.756	100.0%	10
neutron.update_network	0.145	0.545	0.569	0.59	0.611	0.502	100.0%	10
total	1.018	1.265	1.427	1.431	1.436	1.258	100.0%	10

Load duration: 3.75120806694  
Full duration: 35.950884819

test scenario NeutronNetworks.create\_and\_update\_ports

Response Times (sec)

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.814	0.896	0.995	1.01	1.024	0.896	100.0%	10
neutron.update_port	0.181	0.562	0.612	0.65	0.689	0.537	100.0%	10
total	0.995	1.461	1.585	1.597	1.608	1.433	100.0%	10

Load duration: 4.42992901802  
Full duration: 55.774241209

test scenario NeutronNetworks.create\_and\_list\_subnets

Response Times (sec)

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.726	0.805	1.041	1.045	1.049	0.845	100.0%	10
neutron.list_subnets	0.053	0.422	0.446	0.446	0.446	0.353	100.0%	10
total	0.861	1.221	1.458	1.458	1.458	1.199	100.0%	10

Load duration: 3.38276219368  
Full duration: 55.0756671429

test scenario NeutronNetworks.create\_and\_update\_subnets

Response Times (sec)

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.731	0.802	0.891	0.923	0.954	0.814	100.0%	10
neutron.update_subnet	0.186	0.573	0.629	0.662	0.694	0.455	100.0%	10
total	0.962	1.374	1.524	1.533	1.543	1.27	100.0%	10

Load duration: 3.90665698051  
Full duration: 56.0127599239

run\_rally - INFO - Test scenario: "neutron" OK.

```
run_rally - INFO - Starting test scenario "nova" ...
run_rally - INFO -
  Preparing input task
  Task 63203b68-fb0f-4190-b881-339d49343b7e: started
Task 63203b68-fb0f-4190-b881-339d49343b7e: finished
```

test scenario NovaKeypair.create\_and\_delete\_keypair

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.701	0.818	0.937	1.171	1.406	0.867	100.0%	10
nova.delete_keypair	0.032	0.044	0.06	0.062	0.065	0.046	100.0%	10
total	0.733	0.862	0.986	1.228	1.471	0.913	100.0%	10

Load duration: 2.58676719666  
Full duration: 44.6176929474

test scenario NovaServers.snapshot\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	13.231	15.082	16.288	16.485	16.681	15.005	100.0%	10
nova.create_image	11.557	12.205	14.231	14.559	14.887	12.815	100.0%	10
nova.delete_server	2.824	3.432	3.623	3.636	3.649	3.306	100.0%	10
nova.boot_server (2)	11.125	13.278	14.799	15.311	15.823	13.287	100.0%	10
nova.delete_server (2)	2.504	2.94	3.422	3.44	3.457	3.055	100.0%	10
nova.delete_image	2.668	3.276	3.598	3.634	3.669	3.259	100.0%	10
total	47.925	50.051	54.553	54.844	55.135	50.728	100.0%	10

Load duration: 149.159065008  
Full duration: 223.027470827

test scenario NovaKeypair.boot\_and\_delete\_server\_with\_keypair

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.681	0.807	0.953	1.005	1.056	0.813	100.0%	10
nova.boot_server	12.625	13.795	14.626	14.992	15.358	13.92	100.0%	10
nova.delete_server	2.895	3.252	3.838	4.433	5.028	3.378	100.0%	10
nova.delete_keypair	0.041	0.049	0.084	0.2	0.316	0.076	100.0%	10
total	16.437	18.013	19.364	19.978	20.591	18.187	100.0%	10

Load duration: 54.020512104  
Full duration: 122.761439085

test scenario NovaKeypair.create\_and\_list\_keypairs

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.633	0.811	0.88	0.945	1.01	0.797	100.0%	10
nova.list_keypairs	0.019	0.032	0.048	0.057	0.065	0.034	100.0%	10
total	0.663	0.833	0.925	0.988	1.051	0.831	100.0%	10

Load duration: 2.51079297066  
Full duration: 45.2959558964

test scenario NovaServers.list\_servers

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.list_servers	1.153	1.561	1.667	1.699	1.73	1.534	100.0%	10
total	1.153	1.562	1.667	1.699	1.73	1.534	100.0%	10

Load duration: 4.51852703094  
Full duration: 136.974627972

test scenario NovaServers.resize\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.504	13.59	14.825	15.228	15.63	13.671	100.0%	10
nova.resize	41.099	42.204	47.49	47.556	47.621	44.023	100.0%	10
nova.resize_confirm	2.651	3.698	3.805	4.059	4.314	3.556	100.0%	10
nova.delete_server	2.631	3.022	3.411	4.443	5.475	3.21	100.0%	10
total	60.59	62.713	69.597	69.873	70.149	64.46	100.0%	10

Load duration: 192.511741161  
Full duration: 232.632377863

test scenario NovaServers.boot\_server\_from\_volume\_and\_delete

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	9.605	10.39	10.671	10.678	10.685	10.283	100.0%	10
nova.boot_server	13.194	15.101	15.844	16.008	16.171	15.084	100.0%	10
nova.delete_server	5.067	5.835	6.025	6.147	6.269	5.704	100.0%	10
total	29.712	31.089	31.863	32.17	32.477	31.072	100.0%	10

Load duration: 93.8591198921  
Full duration: 176.781407833



**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

test scenario NovaServers.boot_and_migrate_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	12.007	12.628	15.251	15.726	16.2	13.337	100.0%	10	
nova.stop_server	5.734	6.679	7.157	7.198	7.239	6.643	100.0%	10	
nova.migrate	11.005	12.115	12.764	12.898	13.031	12.041	100.0%	10	
nova.resize_confirm	2.991	3.639	4.391	5.442	6.493	3.866	100.0%	10	
nova.delete_server	2.512	2.889	3.089	3.162	3.235	2.846	100.0%	10	
total	36.009	38.096	41.114	42.08	43.046	38.733	100.0%	10	
Load duration: 117.547358036									
Full duration: 158.547077894									
test scenario NovaServers.boot_and_delete_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	12.11	12.864	14.437	14.962	15.486	13.148	100.0%	10	
nova.delete_server	2.855	3.146	3.605	3.624	3.644	3.198	100.0%	10	
total	15.189	15.944	18.012	18.222	18.433	16.346	100.0%	10	
Load duration: 47.4842679501									
Full duration: 115.855407953									
test scenario NovaServers.boot_and_rebuild_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	11.096	13.966	14.767	14.775	14.783	13.664	100.0%	10	
nova.rebuild_server	12.012	14.475	15.049	15.15	15.252	14.233	100.0%	10	
nova.delete_server	2.573	2.99	3.499	4.34	5.181	3.213	100.0%	10	
total	28.419	30.951	32.946	34.081	35.216	31.111	100.0%	10	
Load duration: 91.1762368679									
Full duration: 160.48626709									
test scenario NovaSecGroup.create_and_list_secgroups									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	4.384	5.131	5.534	5.638	5.741	5.066	100.0%	10	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

nova.create_100_rules	42.262	43.319	44.707	45.482	46.258	43.582	100.0%	10
nova.list_security_groups	0.18	0.248	0.52	0.602	0.685	0.299	100.0%	10
total	47.342	48.922	49.657	50.789	51.921	48.948	100.0%	10

Load duration: 145.205770016  
Full duration: 212.670469999

test scenario NovaSecGroup.create\_and\_delete\_secgroups

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_10_security_groups	3.797	4.842	5.428	5.548	5.668	4.805	100.0%	10
nova.create_100_rules	42.897	43.258	45.74	45.781	45.822	43.845	100.0%	10
nova.delete_10_security_groups	1.712	2.272	2.576	2.63	2.685	2.249	100.0%	10
total	49.862	50.866	51.896	52.159	52.422	50.9	100.0%	10

Load duration: 153.145931959  
Full duration: 195.681600094

test scenario NovaServers.boot\_and\_bounce\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.233	14.014	14.779	15.28	15.781	13.878	100.0%	10
nova.reboot_server	5.429	5.857	6.286	6.298	6.31	5.906	100.0%	10
nova.soft_reboot_server	7.965	8.388	8.771	8.786	8.801	8.365	100.0%	10
nova.stop_server	4.492	6.237	6.84	6.896	6.952	6.14	100.0%	10
nova.start_server	3.528	4.271	5.459	5.844	6.229	4.465	100.0%	10
nova.rescue_server	7.297	8.174	10.803	11.337	11.872	8.852	100.0%	10
nova.unrescue_server	5.397	5.465	5.755	5.956	6.158	5.563	100.0%	10
nova.delete_server	2.694	2.967	3.17	3.266	3.362	2.999	100.0%	10
total	53.124	55.752	58.931	59.472	60.013	56.189	100.0%	10

Load duration: 166.732338905  
Full duration: 235.669921875

test scenario NovaServers.boot\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.435	13.902	14.341	14.37	14.4	13.679	100.0%	10
total	12.435	13.903	14.341	14.37	14.4	13.679	100.0%	10

Load duration: 40.4824538231  
Full duration: 98.6827569008

test scenario NovaSecGroup.boot_and_delete_server_with_secgroups								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	
nova.create_10_security_groups	4.34	5.246	5.496	5.585	5.675	5.171	100.0%	
nova.create_100_rules	41.95	43.077	44.37	44.812	45.253	43.236	100.0%	
nova.boot_server	10.869	11.908	13.524	13.633	13.742	12.265	100.0%	
nova.get_attached_security_groups	0.224	0.267	0.504	0.555	0.607	0.332	100.0%	
nova.delete_server	2.533	2.618	3.078	3.091	3.103	2.742	100.0%	
nova.delete_10_security_groups	1.637	1.754	2.383	2.591	2.798	1.972	100.0%	
total	64.243	65.856	66.932	67.145	67.358	65.721	100.0%	
Load duration: 197.864094019								
Full duration: 266.162395								
test scenario NovaServers.pause_and_unpause_server								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	12.223	14.903	15.571	15.708	15.844	14.546	100.0%	10
nova.pause_server	2.791	3.173	3.334	3.379	3.424	3.141	100.0%	10
nova.unpause_server	2.459	2.849	3.186	3.266	3.346	2.907	100.0%	10
nova.delete_server	2.863	3.13	3.335	3.403	3.47	3.121	100.0%	10
total	20.391	24.232	24.74	24.758	24.775	23.717	100.0%	10
Load duration: 72.4143497944								
Full duration: 139.801489115								
test scenario NovaServers.boot_server_from_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	9.672	10.675	10.972	11.222	11.472	10.543	100.0%	10
nova.boot_server	14.233	16.466	17.095	17.399	17.704	16.109	100.0%	10
total	23.906	27.176	27.879	28.21	28.54	26.653	100.0%	10
Load duration: 79.5798490047								
Full duration: 145.711636782								
test scenario NovaServers.boot_and_list_server								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

nova.boot_server	12.064	14.109	15.049	15.436	15.823	13.885	100.0%	10
nova.list_servers	0.612	0.992	1.197	1.199	1.201	0.948	100.0%	10
total	13.261	15.082	15.982	16.209	16.435	14.833	100.0%	10

Load duration: 43.442057848  
Full duration: 128.433704138

run\_rally - INFO - Test scenario: "nova" OK.

run\_rally - INFO - Starting test scenario "quotas" ...

run\_rally - INFO -

Preparing input task

Task f60014e7-4880-41c6-afbc-ea7d18ef56e0: started

Task f60014e7-4880-41c6-afbc-ea7d18ef56e0: finished

test scenario Quotas.cinder\_update

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	1.111	1.203	1.671	1.682	1.692	1.279	100.0%	10
total	1.111	1.203	1.671	1.682	1.692	1.279	100.0%	10

Load duration: 3.63238286972  
Full duration: 15.5500700474

test scenario Quotas.neutron\_update

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.392	0.43	0.632	0.65	0.667	0.482	100.0%	10
total	0.555	0.597	0.799	0.808	0.816	0.64	100.0%	10

Load duration: 1.90143704414  
Full duration: 12.9954409599

test scenario Quotas.cinder\_update\_and\_delete

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	1.086	1.207	1.358	1.436	1.513	1.228	100.0%	10
quotas.delete_quotas	0.549	0.88	0.94	0.951	0.963	0.839	100.0%	10
total	1.654	2.078	2.316	2.37	2.424	2.067	100.0%	10

Load duration: 6.08279585838  
Full duration: 18.0140779018

```
test scenario Quotas.nova_update_and_delete
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.573	0.62	0.652	0.658	0.664	0.619	100.0%	10
quotas.delete_quotas	0.016	0.025	0.028	0.032	0.036	0.024	100.0%	10
total	0.599	0.642	0.678	0.68	0.681	0.643	100.0%	10

Load duration: 1.95340800285  
Full duration: 13.6638329029

```
test scenario Quotas.nova_update
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.575	0.616	0.669	0.681	0.692	0.622	100.0%	10
total	0.575	0.616	0.669	0.681	0.692	0.622	100.0%	10

Load duration: 1.90668487549  
Full duration: 13.5694701672

run\_rally - INFO - Test scenario: "quotas" OK.

run\_rally - INFO - Starting test scenario "requests" ...

run\_rally - INFO -

Preparing input task

Task 3835bbc7-faf5-4671-9261-aa07c1d6ale2: started

Task 3835bbc7-faf5-4671-9261-aa07c1d6ale2: finished

```
test scenario HttpRequests.check_random_request
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
requests.check_request	5.049	5.088	5.34	5.361	5.381	5.151	100.0%	10
total	5.049	5.088	5.34	5.361	5.381	5.151	100.0%	10

Load duration: 15.4988431931  
Full duration: 20.5546550751

```
test scenario HttpRequests.check_request
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count



```
vIMS - INFO - Downloading the cloudify manager server blueprint
vIMS - INFO - Cloudify deployment Start Time:'2016-02-19 05:44:47'
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the cloudify-manager deployment
vIMS - INFO - Cloudify-manager server is UP !
vIMS - INFO - Cloudify deployment duration:'1149.9'
vIMS - INFO - Collect flavor id for all clearwater vm
vIMS - INFO - vIMS VNF deployment Start Time:'2016-02-19 06:04:00'
vIMS - INFO - Downloading the openstack-blueprint.yaml blueprint
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the clearwater deployment
vIMS - INFO - The deployment of clearwater-opnfv is ended
vIMS - INFO - vIMS VNF deployment duration:'1133.8'
vIMS - INFO - vIMS functional test Start Time:'2016-02-19 06:25:59'
vIMS - INFO - vIMS functional test duration:'2.9'
vIMS - INFO - Launching the clearwater-opnfv undeployment
vIMS - ERROR - Error when executing command /bin/bash -c 'source /home/opnfv/funcstest/data/vIMS/venv
vIMS - INFO - Launching the cloudify-manager undeployment
vIMS - INFO - Cloudify-manager server has been successfully removed!
vIMS - INFO - Removing vIMS tenant ..
vIMS - INFO - Removing vIMS user ..
```

### 3.16.2 Promise

```
FUNCTEST.info: Running PROMISE test case...
Promise- INFO - Creating tenant 'promise'...
Promise- INFO - Adding role '9d0a0a36d3d54cdcb4cd3c29c5f79a28' to tenant 'promise'...
Promise- INFO - Creating user 'promiser'...
Promise- INFO - Updating OpenStack credentials...
Promise- INFO - Creating image 'promise-img' from '/home/opnfv/funcstest/data/cirros-0.3.4-x86_64-disk
Promise- INFO - Creating flavor 'promise-flavor'...
Promise- INFO - Exporting environment variables...
Promise- INFO - Running command: npm run -s test -- --reporter json
Promise- INFO - The test succeeded.
Promise- DEBUG -
{
  "stats": {
    "suites": 23,
    "tests": 33,
    "passes": 33,
    "pending": 0,
    "failures": 0,
    "start": "2016-02-23T02:24:39.314Z",
    "end": "2016-02-23T02:24:44.838Z",
    "duration": 5524
  },
  "tests": [
    {
      "title": "should add a new OpenStack provider without error",
      "fullTitle": "promise register OpenStack into resource pool add-provider should add a new Open
      "duration": 1217,
      "err": {}
    },
    {
      "title": "should update promise.providers with a new entry",
      "fullTitle": "promise register OpenStack into resource pool add-provider should update promise
```

```
"duration": 10,
"err": {}
},
{
  "title": "should contain a new ResourceProvider record in the store",
  "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new R",
  "duration": 0,
  "err": {}
},
{
  "title": "should add more capacity to the reservation service without error",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more c",
  "duration": 25,
  "err": {}
},
{
  "title": "should update promise.pools with a new entry",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should update pro",
  "duration": 1,
  "err": {}
},
{
  "title": "should contain a ResourcePool record in the store",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a",
  "duration": 0,
  "err": {}
},
{
  "title": "should report total collections and utilizations",
  "fullTitle": "promise register OpenStack into resource pool query-capacity should report total",
  "duration": 18,
  "err": {}
},
{
  "title": "should contain newly added capacity pool",
  "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly",
  "duration": 8,
  "err": {}
},
{
  "title": "should create a new server in target provider without error",
  "fullTitle": "promise allocation without reservation create-instance should create a new server",
  "duration": 1768,
  "err": {}
},
{
  "title": "should update promise.allocations with a new entry",
  "fullTitle": "promise allocation without reservation create-instance should update promise.all",
  "duration": 2,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation without reservation create-instance should contain a new Resou",
  "duration": 0,
  "err": {}
},
{

```



```

    "title": "should reference the created server ID from the provider",
    "fullTitle": "promise allocation without reservation create-instance should reference the creat
    "duration": 1,
    "err": {}
  },
  {
    "title": "should have low priority state",
    "fullTitle": "promise allocation without reservation create-instance should have low priority s
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (no start/end) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should
    "duration": 41,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should
    "duration": 7,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create a new server in target provider (with reservation) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should cre
    "duration": 1617,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should cor
    "duration": 1,
    "err": {}
  },
  {
    "title": "should be referenced in the reservation record",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should be
    "duration": 7,
    "err": {}
  },
  {
    "title": "should have high priority state",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should hav
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (for future) without error",
    "fullTitle": "promise reservation for future use create-reservation should create reservation
    "duration": 75,
    "err": {}
  }

```

```
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise reservation for future use create-reservation should update promise.reservations with a new entry",
  "duration": 17,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise reservation for future use create-reservation should contain a new ResourceReservation record in the store",
  "duration": 0,
  "err": {}
},
{
  "title": "should contain newly created future reservation",
  "fullTitle": "promise reservation for future use query-reservation should contain newly created future reservation",
  "duration": 61,
  "err": {}
},
{
  "title": "should modify existing reservation without error",
  "fullTitle": "promise reservation for future use update-reservation should modify existing reservation without error",
  "duration": 65,
  "err": {}
},
{
  "title": "should modify existing reservation without error",
  "fullTitle": "promise reservation for future use cancel-reservation should modify existing reservation without error",
  "duration": 17,
  "err": {}
},
{
  "title": "should no longer contain record of the deleted reservation",
  "fullTitle": "promise reservation for future use cancel-reservation should no longer contain record of the deleted reservation",
  "duration": 0,
  "err": {}
},
{
  "title": "should decrease available capacity from a provider in the future",
  "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity from a provider in the future",
  "duration": 15,
  "err": {}
},
{
  "title": "should increase available capacity from a provider in the future",
  "fullTitle": "promise capacity planning increase-capacity should increase available capacity from a provider in the future",
  "duration": 11,
  "err": {}
},
{
  "title": "should report available collections and utilizations",
  "fullTitle": "promise capacity planning query-capacity should report available collections and utilizations",
  "duration": 56,
  "err": {}
},
{
  "title": "should fail to create immediate reservation record with proper error",
  "fullTitle": "promise reservation with conflict create-reservation should fail to create immediate reservation record with proper error",
  "duration": 0,
  "err": {}
}
```

```

    "duration": 60,
    "err": {}
  },
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future",
    "duration": 38,
    "err": {}
  },
  {
    "title": "should successfully destroy all allocations",
    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all",
    "duration": 361,
    "err": {}
  }
],
"pending": [],
"failures": [],
"passes": [
  {
    "title": "should add a new OpenStack provider without error",
    "fullTitle": "promise register OpenStack into resource pool add-provider should add a new Open",
    "duration": 1217,
    "err": {}
  },
  {
    "title": "should update promise.providers with a new entry",
    "fullTitle": "promise register OpenStack into resource pool add-provider should update promise",
    "duration": 10,
    "err": {}
  },
  {
    "title": "should contain a new ResourceProvider record in the store",
    "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new R",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should add more capacity to the reservation service without error",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more c",
    "duration": 25,
    "err": {}
  },
  {
    "title": "should update promise.pools with a new entry",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should update pro",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should contain a ResourcePool record in the store",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should report total collections and utilizations",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should report total

```

```
"duration": 18,
"err": {}
},
{
  "title": "should contain newly added capacity pool",
  "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly",
  "duration": 8,
  "err": {}
},
{
  "title": "should create a new server in target provider without error",
  "fullTitle": "promise allocation without reservation create-instance should create a new server",
  "duration": 1768,
  "err": {}
},
{
  "title": "should update promise.allocations with a new entry",
  "fullTitle": "promise allocation without reservation create-instance should update promise.all",
  "duration": 2,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation without reservation create-instance should contain a new Resou",
  "duration": 0,
  "err": {}
},
{
  "title": "should reference the created server ID from the provider",
  "fullTitle": "promise allocation without reservation create-instance should reference the creat",
  "duration": 1,
  "err": {}
},
{
  "title": "should have low priority state",
  "fullTitle": "promise allocation without reservation create-instance should have low priority s",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (no start/end) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 41,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 7,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 0,
  "err": {}
},
{
```

```

    "title": "should create a new server in target provider (with reservation) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should create instance",
    "duration": 1617,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should contain a new ResourceAllocation record in the store",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should be referenced in the reservation record",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should be referenced in the reservation record",
    "duration": 7,
    "err": {}
  },
  {
    "title": "should have high priority state",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should have high priority state",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (for future) without error",
    "fullTitle": "promise reservation for future use create-reservation should create reservation record (for future) without error",
    "duration": 75,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise reservation for future use create-reservation should update promise.reservations with a new entry",
    "duration": 17,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise reservation for future use create-reservation should contain a new ResourceReservation record in the store",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should contain newly created future reservation",
    "fullTitle": "promise reservation for future use query-reservation should contain newly created future reservation",
    "duration": 61,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use update-reservation should modify existing reservation without error",
    "duration": 65,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use cancel-reservation should modify existing reservation without error",
    "duration": 17,
    "err": {}
  }

```

```
    },
    {
      "title": "should no longer contain record of the deleted reservation",
      "fullTitle": "promise reservation for future use cancel-reservation should no longer contain re",
      "duration": 0,
      "err": {}
    },
    {
      "title": "should decrease available capacity from a provider in the future",
      "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity fr",
      "duration": 15,
      "err": {}
    },
    {
      "title": "should increase available capacity from a provider in the future",
      "fullTitle": "promise capacity planning increase-capacity should increase available capacity fr",
      "duration": 11,
      "err": {}
    },
    {
      "title": "should report available collections and utilizations",
      "fullTitle": "promise capacity planning query-capacity should report available collections and",
      "duration": 56,
      "err": {}
    },
    {
      "title": "should fail to create immediate reservation record with proper error",
      "fullTitle": "promise reservation with conflict create-reservation should fail to create immedi",
      "duration": 60,
      "err": {}
    },
    {
      "title": "should fail to create future reservation record with proper error",
      "fullTitle": "promise reservation with conflict create-reservation should fail to create future",
      "duration": 38,
      "err": {}
    },
    {
      "title": "should successfully destroy all allocations",
      "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all",
      "duration": 361,
      "err": {}
    }
  ]
}
```

Promise- INFO -

\*\*\*\*\*

Promise test report

\*\*\*\*\*

```
Suites:    23
Tests:     33
Passes:    33
Pending:   0
Failures:  0
Start:     2016-02-18T13:37:06.661Z
End:       2016-02-18T13:37:12.962Z
Duration:  6.301
```

\*\*\*\*\*

## 3.17 Detailed test results for fuel-os-odl\_l2-nofeature-ha

### 3.18 VIM

#### 3.18.1 vping\_ssh

```

FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-18 13:27:35'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=fff41d5d-579a-4c26-844d-4e86700c44f6
  network=a5137d46-dea8-4f85-8872-08c4a5927182

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=fff41d5d-579a-4c26-844d-4e86700c44f6
  network=a5137d46-dea8-4f85-8872-08c4a5927182

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '10.118.101.200'
vPing_ssh- INFO - Associating floating ip: '10.118.101.200' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 10.118.101.200...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'42.1' s.
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK
    
```

#### 3.18.2 vping\_userdata

```

FUNCTEST.info: Running vPing-userdata test...
vPing_userdata- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-uec.tar.gz'...
vPing_userdata- INFO - Creating neutron network vping-net...
vPing_userdata- INFO - Creating security group 'vPing-sg'...
vPing_userdata- INFO - Flavor found 'm1.small'
vPing_userdata- INFO - vPing Start Time:'2016-02-18 13:29:00'
vPing_userdata- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=5e34c73d-91d0-4852-a407-5a4b4c1932c6
  network=a1efb318-1338-436f-8f26-3a1bacab0538
    
```







```
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_specify_keypair
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_with_existing_server_name
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_access_server_address
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_numeric_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_metadata
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_name_with_spaces
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_a_server_of_a_project
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_passing_force
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_passing_force
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_get_non_existent_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_invalid_ip_v6_address
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_resize_in_progress
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_resize_in_progress
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_existent_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_with_spaces
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_another_project
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_environment_variables
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_analt_user_tenant
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_id_is_not_specified
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_tenant_id
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_server
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_server
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
| tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_passing_force
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_update_delete
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
| tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete
| tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
| tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
```

```

| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixed_ip_address
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_floating_ip
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsIPv6TestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIPv6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIPv6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_list_security_groups
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds

```

```

| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_c
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_c
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_ima
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_ima
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basicops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-19 05:28:37.031139', 'duration': 730, 'tests': 2

```

### 3.18.4 Rally

```

FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate"...
run_rally - INFO -
  Preparing input task
  Task c7f4e0fd-a882-4e14-ba02-553118d0cb77: started
Task c7f4e0fd-a882-4e14-ba02-553118d0cb77: finished

test scenario Authenticate.validate_glance
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.535 | 0.78   | 0.847  | 0.86   | 0.874 | 0.74  | 100.0% | 10    |
| authenticate.validate_glance (2)    | 0.667 | 0.689  | 0.793  | 0.807  | 0.821 | 0.717 | 100.0% | 10    |
| total                                | 1.381 | 1.677  | 1.718  | 1.735  | 1.752 | 1.625 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.80417394638
Full duration: 12.8028140068

test scenario Authenticate.keystone
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| total  | 0.121 | 0.149  | 0.163  | 0.164  | 0.166 | 0.149 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.489310979843
Full duration: 7.96697187424

test scenario Authenticate.validate_heat
+-----+

```

FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_heat	0.259	0.318	0.482	0.511	0.539	0.371	100.0%	10	
authenticate.validate_heat (2)	0.051	0.287	0.385	0.386	0.387	0.24	100.0%	10	
total	0.512	0.771	0.957	0.996	1.035	0.776	100.0%	10	
Load duration: 2.53649091721									
Full duration: 10.2540290356									
test scenario Authenticate.validate_nova									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_nova	0.3	0.332	0.474	0.482	0.489	0.368	100.0%	10	
authenticate.validate_nova (2)	0.034	0.049	0.059	0.065	0.07	0.05	100.0%	10	
total	0.499	0.564	0.716	0.722	0.727	0.586	100.0%	10	
Load duration: 1.84303689003									
Full duration: 9.65319395065									
test scenario Authenticate.validate_cinder									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_cinder	0.274	0.428	0.475	0.509	0.543	0.405	100.0%	10	
authenticate.validate_cinder (2)	0.025	0.424	0.455	0.456	0.458	0.376	100.0%	10	
total	0.469	1.071	1.131	1.141	1.151	0.964	100.0%	10	
Load duration: 2.72650790215									
Full duration: 10.753674984									
test scenario Authenticate.validate_neutron									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_neutron	0.28	0.302	0.32	0.326	0.333	0.303	100.0%	10	
authenticate.validate_neutron (2)	0.046	0.31	0.334	0.34	0.346	0.262	100.0%	10	
total	0.467	0.764	0.81	0.838	0.866	0.728	100.0%	10	
Load duration: 2.37260484695									
Full duration: 9.99744796753									

run\_rally - INFO - Test scenario: "authenticate" OK.

run\_rally - INFO - Starting test scenario "glance" ...

run\_rally - INFO -

Preparing input task

Task d54fa25b-b992-4b4e-bef2-14425b86329c: started

Task d54fa25b-b992-4b4e-bef2-14425b86329c: finished

test scenario GlanceImages.list\_images

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
glance.list_images	0.877	0.902	0.997	0.998	0.999	0.932	100.0%	10	
total	0.877	0.902	0.997	0.998	0.999	0.932	100.0%	10	

Load duration: 2.92263484001

Full duration: 13.4585630894

test scenario GlanceImages.create\_image\_and\_boot\_instances

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
glance.create_image	7.386	7.929	8.381	8.481	8.581	7.97	100.0%	10	
nova.boot_servers	8.641	10.384	10.714	11.007	11.3	10.241	100.0%	10	
total	16.702	18.427	18.943	19.047	19.15	18.211	100.0%	10	

Load duration: 54.6946680546

Full duration: 110.071588039

test scenario GlanceImages.create\_and\_list\_image

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
glance.create_image	7.081	7.618	8.085	8.19	8.296	7.689	100.0%	10	
glance.list_images	0.324	0.573	0.642	0.714	0.786	0.573	100.0%	10	
total	7.612	8.241	8.722	8.902	9.082	8.262	100.0%	10	

Load duration: 24.6801600456

Full duration: 39.2870121002

test scenario GlanceImages.create\_and\_delete\_image

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

glance.create_image	7.449	7.593	7.856	8.073	8.289	7.673	100.0%	10	
glance.delete_image	2.001	2.442	12.75	13.42	14.089	5.507	100.0%	10	
total	9.487	10.064	20.503	21.441	22.378	13.18	100.0%	10	
-----+									
Load duration: 40.0675120354									
Full duration: 50.2370131016									
run_rally - INFO - Test scenario: "glance" OK.									
run_rally - INFO - Starting test scenario "cinder" ...									
run_rally - INFO -									
Preparing input task									
Task 6b2be534-fd42-4a5f-be0e-9a789027d4b3: started									
Task 6b2be534-fd42-4a5f-be0e-9a789027d4b3: finished									
test scenario CinderVolumes.create_and_attach_volume									
-----+									
Response Times (sec)									
-----+									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+									
nova.boot_server	7.135	7.936	8.663	8.672	8.68	7.941	100.0%	10	
cinder.create_volume	3.274	3.507	4.072	4.096	4.12	3.616	100.0%	10	
nova.attach_volume	4.012	4.845	6.553	6.624	6.694	5.31	100.0%	10	
nova.detach_volume	3.256	3.739	3.938	4.096	4.253	3.716	100.0%	10	
cinder.delete_volume	0.464	2.707	2.98	3.154	3.328	1.98	100.0%	10	
nova.delete_server	2.784	3.059	3.15	3.19	3.23	3.04	100.0%	10	
total	22.316	26.079	27.631	28.362	29.094	25.604	100.0%	10	
-----+									
Load duration: 73.9451169968									
Full duration: 116.516190052									
test scenario CinderVolumes.create_and_list_volume									
-----+									
Response Times (sec)									
-----+									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+									
cinder.create_volume	9.065	9.591	9.94	9.943	9.945	9.554	100.0%	10	
cinder.list_volumes	0.048	0.346	0.386	0.394	0.402	0.301	100.0%	10	
total	9.138	9.94	10.313	10.324	10.335	9.855	100.0%	10	
-----+									
Load duration: 28.8989629745									
Full duration: 51.7012848854									
test scenario CinderVolumes.create_and_list_volume									
-----+									
Response Times (sec)									
-----+									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+									
cinder.create_volume	3.251	3.883	4.897	4.899	4.901	4.006	100.0%	10	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

cinder.list_volumes	0.055	0.072	0.333	0.334	0.334	0.145	100.0%	10	
total	3.313	3.952	5.212	5.223	5.234	4.151	100.0%	10	
-----									
Load duration: 11.7280011177									
Full duration: 34.1200621128									
test scenario CinderVolumes.create_and_list_snapshots									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_snapshot	2.973	3.289	5.554	5.57	5.585	3.702	100.0%	10	
cinder.list_snapshots	0.027	0.162	0.313	0.32	0.326	0.168	100.0%	10	
total	3.001	3.593	5.586	5.601	5.616	3.871	100.0%	10	
-----									
Load duration: 10.6676809788									
Full duration: 51.8370318413									
test scenario CinderVolumes.create_and_delete_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	3.324	3.69	4.382	4.392	4.403	3.828	100.0%	10	
cinder.delete_volume	0.625	2.781	3.053	3.199	3.345	2.086	100.0%	10	
total	4.288	6.438	7.073	7.173	7.273	5.914	100.0%	10	
-----									
Load duration: 18.0577061176									
Full duration: 35.664162159									
test scenario CinderVolumes.create_and_delete_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	7.41	9.74	10.091	10.094	10.097	9.522	100.0%	10	
cinder.delete_volume	0.54	0.965	3.092	3.097	3.103	1.691	100.0%	10	
total	7.95	10.903	12.9	12.964	13.029	11.214	100.0%	10	
-----									
Load duration: 33.3823940754									
Full duration: 52.0277431011									
test scenario CinderVolumes.create_and_delete_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	



FuncTest test results, Release brahmaputra.3.0 (41850cb)

cinder.create_volume	3.681	3.946	4.01	4.051	4.092	3.903	100.0%	10	
cinder.delete_volume	0.506	2.848	3.217	3.222	3.228	2.122	100.0%	10	
total	4.188	6.787	7.161	7.175	7.189	6.026	100.0%	10	
Load duration: 18.0166649818									
Full duration: 35.4839038849									
test scenario CinderVolumes.create_and_upload_volume_to_image									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.672	4.074	4.522	4.546	4.57	4.114	100.0%	10	
cinder.upload_volume_to_image	21.673	31.257	31.931	31.979	32.027	29.253	100.0%	10	
cinder.delete_volume	0.56	2.568	3.011	3.067	3.123	2.293	100.0%	10	
nova.delete_image	2.137	2.51	2.606	2.681	2.756	2.451	100.0%	10	
total	28.587	39.952	40.849	41.35	41.852	38.112	100.0%	10	
Load duration: 110.444069147									
Full duration: 131.52224803									
test scenario CinderVolumes.create_and_delete_snapshot									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_snapshot	3.208	3.343	5.587	5.628	5.669	3.788	100.0%	10	
cinder.delete_snapshot	2.503	2.86	3.196	3.217	3.239	2.893	100.0%	10	
total	5.787	6.422	8.296	8.392	8.488	6.681	100.0%	10	
Load duration: 18.7773430347									
Full duration: 53.0582361221									
test scenario CinderVolumes.create_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.52	3.822	4.222	4.228	4.233	3.852	100.0%	10	
total	3.52	3.822	4.223	4.228	4.233	3.852	100.0%	10	
Load duration: 11.2881109715									
Full duration: 29.6710369587									
test scenario CinderVolumes.create_volume									

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.248	3.651	3.891	3.988	4.084	3.645	100.0%	10	
total	3.249	3.652	3.891	3.988	4.084	3.645	100.0%	10	
Load duration: 10.7785470486									
Full duration: 32.9540159702									
test scenario CinderVolumes.list_volumes									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.list_volumes	0.499	0.52	0.539	0.55	0.561	0.522	100.0%	10	
total	0.499	0.52	0.539	0.55	0.561	0.523	100.0%	10	
Load duration: 1.60948395729									
Full duration: 65.5444660187									
test scenario CinderVolumes.create_nested_snapshots_and_attach_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.547	3.82	3.891	3.927	3.962	3.787	100.0%	10	
cinder.create_snapshot	2.552	2.875	3.173	3.215	3.257	2.931	100.0%	10	
nova.attach_volume	3.633	5.774	8.279	8.853	9.427	6.038	100.0%	10	
nova.detach_volume	3.599	3.826	4.233	4.444	4.655	3.905	100.0%	10	
cinder.delete_snapshot	2.22	2.537	2.852	2.971	3.09	2.577	100.0%	10	
cinder.delete_volume	0.648	2.735	2.845	2.892	2.939	2.321	100.0%	10	
total	18.538	22.642	25.806	26.204	26.601	22.745	100.0%	10	
Load duration: 66.8299760818									
Full duration: 173.895985842									
test scenario CinderVolumes.create_from_volume_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.481	3.953	4.613	5.302	5.991	4.167	100.0%	10	
cinder.delete_volume	1.163	3.065	3.469	3.474	3.479	2.919	100.0%	10	
total	5.012	7.114	7.89	8.462	9.034	7.087	100.0%	10	
Load duration: 20.8082921505									
Full duration: 55.4062600136									

test scenario CinderVolumes.create\_and\_extend\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.417	3.839	3.908	3.925	3.941	3.742	100.0%	10
cinder.extend_volume	0.938	2.978	3.574	3.713	3.853	2.396	100.0%	10
cinder.delete_volume	0.577	1.808	3.066	3.146	3.225	1.858	100.0%	10
total	5.44	8.275	9.921	10.095	10.269	7.997	100.0%	10

Load duration: 23.5873560905

Full duration: 41.9279878139

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.668	3.89	4.255	4.266	4.277	3.937	100.0%	10
cinder.create_snapshot	2.268	2.949	3.306	3.36	3.414	2.903	100.0%	10
nova.attach_volume	3.471	4.393	7.358	8.251	9.145	5.113	100.0%	10
nova.detach_volume	3.277	3.925	4.509	4.566	4.622	3.926	100.0%	10
cinder.delete_snapshot	2.286	2.607	2.849	2.862	2.875	2.614	100.0%	10
cinder.delete_volume	0.591	2.677	2.96	3.019	3.078	2.352	100.0%	10
total	18.8	21.654	23.365	25.201	27.038	21.974	100.0%	10

Load duration: 65.2181398869

Full duration: 179.069041967

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.22	3.682	4.259	4.27	4.281	3.723	100.0%	10
cinder.create_snapshot	2.292	3.051	3.199	3.232	3.265	2.991	100.0%	10
nova.attach_volume	3.891	4.365	6.53	6.577	6.625	4.971	100.0%	10
nova.detach_volume	3.248	3.565	3.767	4.044	4.321	3.568	100.0%	10
cinder.delete_snapshot	2.258	2.551	2.836	2.87	2.904	2.609	100.0%	10
cinder.delete_volume	0.883	2.687	3.02	3.224	3.427	2.286	100.0%	10
total	19.132	21.712	23.229	23.566	23.904	21.677	100.0%	10

Load duration: 64.7866289616

Full duration: 180.275881052

run\_rally - INFO - Test scenario: "cinder" OK.

run\_rally - INFO - Starting test scenario "heat" ...

```

run_rally - INFO -
  Preparing input task
  Task 51925ef8-a527-44d2-8df3-6164af0ec62a: started
Task 51925ef8-a527-44d2-8df3-6164af0ec62a: finished

test scenario HeatStacks.create_suspend_resume_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.245 | 4.317 | 4.434 | 4.474 | 4.514 | 4.348 | 100.0% | 10   |
| heat.suspend_stack | 1.497 | 1.713 | 1.747 | 1.75  | 1.753 | 1.7   | 100.0% | 10   |
| heat.resume_stack  | 1.42  | 1.621 | 1.668 | 1.67  | 1.671 | 1.562 | 100.0% | 10   |
| heat.delete_stack  | 1.377 | 1.573 | 1.716 | 2.249 | 2.782 | 1.675 | 100.0% | 10   |
| total             | 8.851 | 9.198 | 9.402 | 9.981 | 10.56 | 9.285 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 27.3572640419
Full duration: 37.0984110832

test scenario HeatStacks.create_and_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 3.911 | 4.181 | 4.323 | 4.325 | 4.327 | 4.149 | 100.0% | 10   |
| heat.delete_stack | 1.392 | 1.426 | 1.744 | 1.776 | 1.808 | 1.491 | 100.0% | 10   |
| total             | 5.311 | 5.631 | 5.774 | 5.775 | 5.776 | 5.64  | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 16.9275529385
Full duration: 26.8473479748

test scenario HeatStacks.create_and_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 20.192 | 23.206 | 23.805 | 23.826 | 23.847 | 22.465 | 100.0% | 10   |
| heat.delete_stack | 11.755 | 11.868 | 12.963 | 13.0   | 13.036 | 12.282 | 100.0% | 10   |
| total             | 32.02  | 35.613 | 36.714 | 36.721 | 36.729 | 34.747 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 102.752908945
Full duration: 112.369065046

test scenario HeatStacks.create_and_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

heat.create_stack	16.808	18.33	20.748	20.751	20.755	18.654	100.0%	10	
heat.delete_stack	9.404	10.582	10.788	10.803	10.818	10.313	100.0%	10	
total	26.212	28.318	31.532	31.553	31.574	28.967	100.0%	10	

Load duration: 85.8598790169

Full duration: 95.2520959377

test scenario HeatStacks.list\_stacks\_and\_resources

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.list_stacks	0.45	0.485	0.512	0.512	0.512	0.487	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.45	0.485	0.512	0.512	0.512	0.487	100.0%	10	

Load duration: 1.48300600052

Full duration: 9.57427692413

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	3.727	4.075	4.288	4.337	4.386	4.085	100.0%	10	
heat.update_stack	3.549	3.676	3.903	3.972	4.042	3.704	100.0%	10	
heat.delete_stack	1.405	2.619	2.76	2.774	2.789	2.212	100.0%	10	
total	9.105	10.287	10.719	10.741	10.763	10.001	100.0%	10	

Load duration: 29.4346759319

Full duration: 39.5471699238

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	3.915	4.067	4.171	4.199	4.227	4.052	100.0%	10	
heat.update_stack	3.521	3.661	3.773	3.791	3.81	3.658	100.0%	10	
heat.delete_stack	1.38	1.477	1.612	1.618	1.624	1.492	100.0%	10	
total	8.916	9.128	9.484	9.493	9.503	9.203	100.0%	10	

Load duration: 27.5511319637

Full duration: 37.5252559185

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.023	4.301	4.59	5.029	5.468	4.38	100.0%	10
heat.update_stack	5.783	5.888	6.061	6.08	6.1	5.912	100.0%	10
heat.delete_stack	2.475	2.546	2.705	3.2	3.694	2.65	100.0%	10
total	12.613	12.74	13.76	13.912	14.064	12.942	100.0%	10

Load duration: 38.1860618591  
Full duration: 48.4381308556

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.094	5.24	5.479	5.528	5.577	5.17	100.0%	10
heat.update_stack	8.178	9.243	9.316	9.324	9.332	8.862	100.0%	10
heat.delete_stack	3.63	3.68	3.714	3.714	3.715	3.68	100.0%	10
total	16.974	17.76	18.444	18.466	18.488	17.713	100.0%	10

Load duration: 52.4500279427  
Full duration: 63.0265882015

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.113	4.273	4.647	4.934	5.22	4.362	100.0%	10
heat.update_stack	5.809	5.888	5.941	6.056	6.17	5.907	100.0%	10
heat.delete_stack	2.513	2.561	3.694	3.7	3.706	2.891	100.0%	10
total	12.55	12.759	14.013	14.546	15.079	13.161	100.0%	10

Load duration: 39.0816349983  
Full duration: 49.7756490707

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.762	4.115	4.19	4.27	4.35	4.062	100.0%	10
heat.update_stack	3.543	3.63	3.844	3.977	4.11	3.69	100.0%	10
heat.delete_stack	1.383	1.499	2.506	2.528	2.549	1.677	100.0%	10
total	8.868	9.275	10.208	10.225	10.242	9.429	100.0%	10

Load duration: 27.9543409348

Full duration: 38.8234701157

test scenario HeatStacks.create\_and\_list\_stack

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	4.005	4.128	4.199	4.234	4.27	4.127	100.0%	10	
heat.list_stacks	0.075	0.094	0.108	0.112	0.117	0.094	100.0%	10	
total	4.112	4.226	4.281	4.313	4.345	4.221	100.0%	10	

Load duration: 12.6059498787

Full duration: 27.8848700523

test scenario HeatStacks.create\_check\_delete\_stack

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	4.084	4.153	4.178	4.217	4.256	4.153	100.0%	10	
heat.check_stack	0.706	1.53	1.571	1.586	1.6	1.459	100.0%	10	
heat.delete_stack	1.375	1.432	2.542	2.546	2.55	1.763	100.0%	10	
total	7.01	7.159	8.25	8.279	8.309	7.375	100.0%	10	

Load duration: 22.5798799992

Full duration: 33.7318949699

run\_rally - INFO - Test scenario: "heat" OK.

run\_rally - INFO - Starting test scenario "keystone" ...

run\_rally - INFO -

Preparing input task

Task 98c40f01-0adc-48ce-91ca-105f22e60ec9: started

Task 98c40f01-0adc-48ce-91ca-105f22e60ec9: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.263	0.291	0.401	0.408	0.415	0.322	100.0%	10	
keystone.create_users	1.508	1.599	1.672	1.733	1.793	1.601	100.0%	10	
total	1.782	1.949	2.051	2.066	2.081	1.923	100.0%	10	

Load duration: 5.82497000694

Full duration: 20.636977911

test scenario KeystoneBasic.create_add_and_list_user_roles								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.256	0.273	0.292	0.296	0.3	0.274	100.0%	10
keystone.add_role	0.24	0.262	0.297	0.319	0.341	0.267	100.0%	10
keystone.list_roles	0.131	0.146	0.226	0.237	0.248	0.16	100.0%	10
total	0.636	0.682	0.774	0.78	0.786	0.702	100.0%	10
Load duration: 2.11375284195								
Full duration: 14.9668319225								
test scenario KeystoneBasic.add_and_remove_user_role								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.267	0.326	0.368	0.376	0.383	0.322	100.0%	10
keystone.add_role	0.244	0.255	0.278	0.302	0.326	0.263	100.0%	10
keystone.remove_role	0.149	0.163	0.191	0.244	0.296	0.177	100.0%	10
total	0.681	0.765	0.834	0.84	0.846	0.762	100.0%	10
Load duration: 2.33364892006								
Full duration: 14.8711419106								
test scenario KeystoneBasic.create_update_and_delete_tenant								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.272	0.316	0.391	0.394	0.396	0.327	100.0%	10
keystone.update_tenant	0.125	0.141	0.169	0.215	0.261	0.152	100.0%	10
keystone.delete_tenant	0.299	0.321	0.379	0.394	0.408	0.333	100.0%	10
total	0.745	0.81	0.859	0.915	0.971	0.812	100.0%	10
Load duration: 2.46658396721								
Full duration: 13.4442551136								
test scenario KeystoneBasic.create_and_delete_service								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_service	0.258	0.271	0.303	0.308	0.314	0.278	100.0%	10
keystone.delete_service	0.146	0.158	0.181	0.203	0.226	0.164	100.0%	10
total	0.408	0.442	0.464	0.475	0.487	0.442	100.0%	10



Load duration: 1.34449720383  
Full duration: 12.1886069775

test scenario KeystoneBasic.create\_tenant

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.253	0.302	0.319	0.324	0.328	0.297	100.0%	10	
total	0.253	0.302	0.319	0.324	0.329	0.298	100.0%	10	

Load duration: 0.912425994873  
Full duration: 8.74173903465

test scenario KeystoneBasic.create\_user

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.262	0.303	0.319	0.319	0.319	0.296	100.0%	10	
total	0.262	0.303	0.319	0.319	0.32	0.296	100.0%	10	

Load duration: 0.953788042068  
Full duration: 8.72430300713

test scenario KeystoneBasic.create\_and\_list\_tenants

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.247	0.28	0.302	0.304	0.307	0.281	100.0%	10	
keystone.list_tenants	0.121	0.129	0.224	0.225	0.225	0.147	100.0%	10	
total	0.392	0.42	0.476	0.493	0.511	0.428	100.0%	10	

Load duration: 1.32897400856  
Full duration: 13.584346056

test scenario KeystoneBasic.create\_and\_delete\_role

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_role	0.286	0.324	0.395	0.47	0.545	0.347	100.0%	10	
keystone.delete_role	0.25	0.32	0.487	0.522	0.557	0.344	100.0%	10	
total	0.546	0.62	0.889	0.913	0.936	0.691	100.0%	10	

Load duration: 2.18193697929  
 Full duration: 12.766493082

test scenario KeystoneBasic.get\_entities

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.271	0.283	0.299	0.311	0.322	0.287	100.0%	10
keystone.create_user	0.145	0.156	0.162	0.165	0.167	0.155	100.0%	10
keystone.create_role	0.122	0.133	0.155	0.183	0.211	0.141	100.0%	10
keystone.get_tenant	0.109	0.126	0.145	0.178	0.211	0.133	100.0%	10
keystone.get_user	0.12	0.133	0.2	0.205	0.21	0.148	100.0%	10
keystone.get_role	0.106	0.12	0.137	0.155	0.172	0.126	100.0%	10
keystone.service_list	0.112	0.126	0.144	0.178	0.212	0.134	100.0%	10
keystone.get_service	0.104	0.125	0.131	0.134	0.136	0.123	100.0%	10
total	1.177	1.23	1.321	1.328	1.334	1.248	100.0%	10

Load duration: 3.83582210541  
 Full duration: 20.6130208969

test scenario KeystoneBasic.create\_and\_list\_users

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_user	0.295	0.312	0.374	0.386	0.399	0.326	100.0%	10
keystone.list_users	0.114	0.129	0.148	0.148	0.149	0.133	100.0%	10
total	0.419	0.442	0.521	0.535	0.549	0.458	100.0%	10

Load duration: 1.37977695465  
 Full duration: 9.29229903221

run\_rally - INFO - Test scenario: "keystone" OK.

run\_rally - INFO - Starting test scenario "neutron" ...

run\_rally - INFO -

Preparing input task

Task 0a18c72f-b575-481a-8997-6d3d52130ede: started

Task 0a18c72f-b575-481a-8997-6d3d52130ede: finished

test scenario NeutronNetworks.create\_and\_delete\_ports

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.758	0.851	1.15	1.23	1.309	0.925	100.0%	10
neutron.delete_port	0.241	0.578	0.611	0.618	0.625	0.488	100.0%	10
total	0.998	1.415	1.73	1.808	1.886	1.414	100.0%	10

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.22447299957
Full duration: 51.8464670181

test scenario NeutronNetworks.create_and_list_routers
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.768 | 0.804  | 0.942  | 1.007  | 1.073 | 0.852 | 100.0% | 10    |
| neutron.create_router                 | 0.08  | 0.425  | 0.456  | 0.469  | 0.482 | 0.394 | 100.0% | 10    |
| neutron.add_interface_router          | 0.371 | 0.741  | 1.213  | 1.526  | 1.84  | 0.855 | 100.0% | 10    |
| neutron.list_routers                  | 0.048 | 0.405  | 0.478  | 0.502  | 0.527 | 0.286 | 100.0% | 10    |
| total                                 | 1.684 | 2.22   | 3.085  | 3.308  | 3.53  | 2.388 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 7.42530488968
Full duration: 57.8292651176

test scenario NeutronNetworks.create_and_delete_routers
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.689 | 0.768  | 0.931  | 0.941  | 0.95  | 0.811 | 100.0% | 10    |
| neutron.create_router                 | 0.408 | 0.421  | 0.457  | 0.547  | 0.636 | 0.441 | 100.0% | 10    |
| neutron.add_interface_router          | 0.363 | 0.702  | 0.802  | 0.807  | 0.813 | 0.653 | 100.0% | 10    |
| neutron.remove_interface_router       | 0.273 | 0.662  | 0.823  | 0.847  | 0.872 | 0.65  | 100.0% | 10    |
| neutron.delete_router                 | 0.178 | 0.557  | 0.661  | 0.665  | 0.669 | 0.541 | 100.0% | 10    |
| total                                 | 2.291 | 3.046  | 3.598  | 3.647  | 3.695 | 3.096 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 9.11136102676
Full duration: 56.6760940552

test scenario NeutronNetworks.create_and_list_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_port                  | 0.746 | 0.824  | 0.923  | 0.946  | 0.968 | 0.846 | 100.0% | 10    |
| neutron.list_ports                    | 0.157 | 0.57   | 0.629  | 0.663  | 0.697 | 0.481 | 100.0% | 10    |
| total                                 | 1.065 | 1.343  | 1.476  | 1.493  | 1.51  | 1.327 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 3.94901585579
Full duration: 52.597589016

test scenario NeutronNetworks.create_and_delete_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.701	0.757	1.049	1.144	1.238	0.835	100.0%	10	
neutron.delete_subnet	0.196	0.565	0.691	0.725	0.759	0.531	100.0%	10	
total	0.939	1.384	1.496	1.595	1.694	1.366	100.0%	10	
Load duration: 4.35806703568									
Full duration: 51.0885548592									
test scenario NeutronNetworks.create_and_delete_networks									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.614	0.675	0.811	0.817	0.823	0.692	100.0%	10	
neutron.delete_network	0.491	0.545	0.62	0.624	0.628	0.554	100.0%	10	
total	1.133	1.231	1.388	1.415	1.443	1.246	100.0%	10	
Load duration: 3.68652009964									
Full duration: 30.7036879063									
test scenario NeutronNetworks.create_and_list_networks									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.556	0.652	0.754	0.757	0.759	0.665	100.0%	10	
neutron.list_networks	0.361	0.383	0.478	0.503	0.528	0.403	100.0%	10	
total	0.917	1.027	1.231	1.252	1.273	1.068	100.0%	10	
Load duration: 3.11869502068									
Full duration: 33.6655409336									
test scenario NeutronNetworks.create_and_update_routers									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.718	0.757	0.921	0.922	0.923	0.795	100.0%	10	
neutron.create_router	0.073	0.405	0.44	0.448	0.455	0.38	100.0%	10	
neutron.add_interface_router	0.65	0.699	0.805	0.827	0.849	0.717	100.0%	10	
neutron.update_router	0.228	0.537	0.661	0.677	0.693	0.53	100.0%	10	
total	2.134	2.511	2.583	2.583	2.583	2.422	100.0%	10	
Load duration: 7.21204185486									
Full duration: 58.3329060078									

```

test scenario NeutronNetworks.create_and_update_networks
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_network | 0.59  | 0.678  | 0.77   | 0.785  | 0.8   | 0.684 | 100.0% | 10   |
| neutron.update_network | 0.452 | 0.51   | 0.55   | 0.569  | 0.587 | 0.514 | 100.0% | 10   |
| total           | 1.054 | 1.188  | 1.314  | 1.319  | 1.323 | 1.198 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 3.48062801361
Full duration: 33.7373108864

test scenario NeutronNetworks.create_and_update_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_port  | 0.724 | 0.911  | 1.036  | 1.046  | 1.055 | 0.915 | 100.0% | 10   |
| neutron.update_port  | 0.332 | 0.55   | 0.569  | 0.573  | 0.578 | 0.53  | 100.0% | 10   |
| total               | 1.173 | 1.466  | 1.591  | 1.607  | 1.623 | 1.445 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.40219402313
Full duration: 52.9743890762

test scenario NeutronNetworks.create_and_list_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet | 0.768 | 0.823  | 0.981  | 1.001  | 1.02  | 0.857 | 100.0% | 10   |
| neutron.list_subnets | 0.053 | 0.403  | 0.472  | 0.483  | 0.495 | 0.316 | 100.0% | 10   |
| total             | 0.821 | 1.249  | 1.342  | 1.384  | 1.426 | 1.173 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 3.63253998756
Full duration: 52.0335438251

test scenario NeutronNetworks.create_and_update_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet | 0.721 | 0.797  | 0.952  | 0.953  | 0.954 | 0.82  | 100.0% | 10   |
| neutron.update_subnet | 0.233 | 0.605  | 0.745  | 0.753  | 0.761 | 0.589 | 100.0% | 10   |
| total             | 1.002 | 1.432  | 1.561  | 1.638  | 1.715 | 1.409 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.58866596222
Full duration: 52.8035202026

```

```
run_rally - INFO - Test scenario: "neutron" OK.
run_rally - INFO - Starting test scenario "nova" ...
run_rally - INFO -
  Preparing input task
  Task 7bc9f24e-75ad-4e01-afd5-3647398a073e: started
Task 7bc9f24e-75ad-4e01-afd5-3647398a073e: finished
```

test scenario NovaKeypair.create\_and\_delete\_keypair

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.705	0.755	0.85	1.155	1.459	0.818	100.0%	10	
nova.delete_keypair	0.032	0.046	0.063	0.064	0.064	0.046	100.0%	10	
total	0.744	0.804	0.895	1.21	1.524	0.864	100.0%	10	

```
Load duration: 3.08747410774
Full duration: 41.9948050976
```

test scenario NovaServers.snapshot\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	8.021	10.195	10.572	10.642	10.713	9.936	100.0%	10	
nova.create_image	10.782	11.261	11.548	11.631	11.715	11.242	100.0%	10	
nova.delete_server	2.821	3.28	3.4	3.426	3.452	3.222	100.0%	10	
nova.boot_server (2)	6.39	8.069	9.073	9.382	9.691	7.984	100.0%	10	
nova.delete_server (2)	2.855	2.91	3.425	3.429	3.434	3.04	100.0%	10	
nova.delete_image	2.558	2.911	3.161	3.22	3.279	2.887	100.0%	10	
total	35.039	38.279	39.897	40.21	40.523	38.314	100.0%	10	

```
Load duration: 115.44729495
Full duration: 188.161262035
```

test scenario NovaKeypair.boot\_and\_delete\_server\_with\_keypair

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.64	0.869	1.365	1.399	1.433	0.948	100.0%	10	
nova.boot_server	7.047	8.139	10.062	10.11	10.159	8.606	100.0%	10	
nova.delete_server	2.522	3.1	3.242	3.267	3.292	3.041	100.0%	10	
nova.delete_keypair	0.042	0.051	0.061	0.068	0.075	0.052	100.0%	10	
total	11.115	12.323	14.176	14.258	14.341	12.648	100.0%	10	

```
Load duration: 39.1623878479
Full duration: 108.56980896
```

test scenario NovaKeypair.create\_and\_list\_keypairs

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.734	0.87	0.947	0.982	1.018	0.859	100.0%	10
nova.list_keypairs	0.022	0.034	0.042	0.044	0.046	0.033	100.0%	10
total	0.769	0.903	0.981	1.02	1.059	0.892	100.0%	10

Load duration: 2.59114599228

Full duration: 44.6869869232

test scenario NovaServers.list\_servers

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.list_servers	1.436	1.556	1.653	1.689	1.725	1.565	100.0%	10
total	1.436	1.557	1.653	1.689	1.726	1.565	100.0%	10

Load duration: 4.71795606613

Full duration: 123.497851133

test scenario NovaServers.resize\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.388	9.39	10.016	10.105	10.194	9.406	100.0%	10
nova.resize	40.666	42.089	46.186	46.669	47.151	42.721	100.0%	10
nova.resize_confirm	3.322	3.648	4.206	5.097	5.989	3.842	100.0%	10
nova.delete_server	2.499	2.977	3.32	3.383	3.446	3.012	100.0%	10
total	56.246	58.698	61.838	62.514	63.19	58.982	100.0%	10

Load duration: 180.054177999

Full duration: 221.624077082

test scenario NovaServers.boot\_server\_from\_volume\_and\_delete

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	9.965	10.647	11.15	11.275	11.4	10.648	100.0%	10
nova.boot_server	8.986	10.62	12.102	12.345	12.587	10.685	100.0%	10
nova.delete_server	3.355	5.419	5.857	5.908	5.96	5.311	100.0%	10
total	23.598	26.481	28.991	29.016	29.041	26.644	100.0%	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Load duration: 79.5105199814  
Full duration: 161.905633926

test scenario NovaServers.boot\_and\_migrate\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.833	10.242	11.298	11.673	12.049	10.106	100.0%	10
nova.stop_server	3.821	6.772	7.286	7.317	7.349	6.484	100.0%	10
nova.migrate	8.569	12.084	12.564	12.67	12.776	11.309	100.0%	10
nova.resize_confirm	2.922	3.398	4.001	4.054	4.107	3.49	100.0%	10
nova.delete_server	2.522	2.922	3.396	3.406	3.416	2.976	100.0%	10
total	29.694	34.582	36.24	36.517	36.795	34.367	100.0%	10

Load duration: 100.483532906  
Full duration: 141.506958961

test scenario NovaServers.boot\_and\_delete\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.586	9.397	10.198	10.288	10.378	9.508	100.0%	10
nova.delete_server	2.497	3.108	3.472	3.478	3.485	3.09	100.0%	10
total	11.39	12.555	13.374	13.612	13.849	12.598	100.0%	10

Load duration: 38.4852130413  
Full duration: 106.844094992

test scenario NovaServers.boot\_and\_rebuild\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.193	9.878	10.329	10.703	11.078	9.597	100.0%	10
nova.rebuild_server	8.434	9.946	10.942	11.066	11.191	9.967	100.0%	10
nova.delete_server	2.887	3.097	3.934	4.794	5.654	3.399	100.0%	10
total	20.573	22.393	25.427	25.892	26.357	22.963	100.0%	10

Load duration: 68.7611658573  
Full duration: 138.198104143

test scenario NovaSecGroup.create\_and\_list\_secgroups

Response Times (sec)



FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_10_security_groups	4.914	5.073	5.815	5.965	6.116	5.288	100.0%	10
nova.create_100_rules	41.66	44.384	45.431	45.816	46.201	44.305	100.0%	10
nova.list_security_groups	0.152	0.533	0.902	0.96	1.018	0.5	100.0%	10
total	47.592	50.13	51.2	51.527	51.854	50.094	100.0%	10

Load duration: 149.717460871  
Full duration: 216.41701889

test scenario NovaSecGroup.create\_and\_delete\_secgroups

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_10_security_groups	4.565	5.19	5.563	5.615	5.668	5.131	100.0%	10
nova.create_100_rules	41.981	43.448	44.817	44.926	45.034	43.666	100.0%	10
nova.delete_10_security_groups	2.07	2.522	2.976	3.171	3.366	2.551	100.0%	10
total	49.35	51.576	51.781	52.087	52.394	51.349	100.0%	10

Load duration: 154.714606047  
Full duration: 196.745972872

test scenario NovaServers.boot\_and\_bounce\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.097	9.924	11.182	11.428	11.673	10.029	100.0%	10
nova.reboot_server	5.363	6.246	8.84	8.907	8.973	7.049	100.0%	10
nova.soft_reboot_server	8.452	8.823	9.184	9.291	9.398	8.83	100.0%	10
nova.stop_server	3.808	6.394	7.284	7.3	7.316	6.358	100.0%	10
nova.start_server	3.677	5.011	5.706	5.852	5.997	4.954	100.0%	10
nova.rescue_server	7.752	8.674	11.07	11.07	11.071	9.269	100.0%	10
nova.unrescue_server	5.065	5.536	5.762	5.781	5.8	5.532	100.0%	10
nova.delete_server	2.485	2.546	3.501	4.347	5.194	2.952	100.0%	10
total	50.79	54.629	59.2	59.748	60.297	54.995	100.0%	10

Load duration: 166.248807907  
Full duration: 235.770923853

test scenario NovaServers.boot\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	6.916	9.539	12.275	12.369	12.464	9.975	100.0%	10
total	6.916	9.54	12.275	12.37	12.464	9.976	100.0%	10

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

```

+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 29.8727550507
Full duration: 87.0325229168

test scenario NovaSecGroup.boot_and_delete_server_with_secgroups
+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success |
+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.create_10_security_groups       | 5.065 | 5.392  | 5.642  | 5.731  | 5.819 | 5.4   | 100.0% |
| nova.create_100_rules                 | 42.116 | 43.904 | 45.452 | 45.794 | 46.137 | 44.057 | 100.0% |
| nova.boot_server                      | 6.906 | 7.809  | 8.73   | 8.911  | 9.092 | 7.954 | 100.0% |
| nova.get_attached_security_groups     | 0.209 | 0.264  | 0.361  | 0.463  | 0.565 | 0.289 | 100.0% |
| nova.delete_server                   | 2.508 | 2.562  | 2.7    | 2.829  | 2.959 | 2.607 | 100.0% |
| nova.delete_10_security_groups       | 1.784 | 2.564  | 3.087  | 3.153  | 3.218 | 2.561 | 100.0% |
| total                                 | 60.06 | 63.125 | 63.757 | 63.889 | 64.021 | 62.869 | 100.0% |
+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 188.221204996
Full duration: 257.303071976

test scenario NovaServers.pause_and_unpause_server
+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server                    | 7.896 | 9.252  | 10.006 | 10.25  | 10.494 | 9.303 | 100.0% | 10 |
| nova.pause_server                   | 2.784 | 3.19   | 3.465  | 3.487  | 3.509 | 3.226 | 100.0% | 10 |
| nova.unpause_server                 | 2.782 | 3.172  | 3.226  | 3.258  | 3.29  | 3.105 | 100.0% | 10 |
| nova.delete_server                  | 2.553 | 3.301  | 3.545  | 3.619  | 3.693 | 3.248 | 100.0% | 10 |
| total                               | 17.692 | 19.035 | 19.794 | 19.85  | 19.905 | 18.883 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 56.6791820526
Full duration: 126.811426163

test scenario NovaServers.boot_server_from_volume
+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume                | 9.412 | 10.207 | 10.376 | 10.441 | 10.505 | 10.131 | 100.0% | 10 |
| nova.boot_server                    | 8.849 | 10.342 | 11.591 | 11.741 | 11.892 | 10.423 | 100.0% | 10 |
| total                               | 18.922 | 20.498 | 21.854 | 21.976 | 22.099 | 20.555 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 60.9860489368
Full duration: 126.851632118

test scenario NovaServers.boot_and_list_server

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.227	8.931	10.864	10.959	11.054	9.41	100.0%	10
nova.list_servers	0.624	1.017	1.144	1.153	1.163	0.949	100.0%	10
total	8.969	9.945	11.851	11.89	11.928	10.359	100.0%	10

Load duration: 30.9555499554  
Full duration: 111.845392942

run\_rally - INFO - Test scenario: "nova" OK.

run\_rally - INFO - Starting test scenario "quotas" ...

run\_rally - INFO -  
Preparing input task  
Task 1b950d54-5c1a-4680-9d86-cbebdb0d1b72: started  
Task 1b950d54-5c1a-4680-9d86-cbebdb0d1b72: finished

test scenario Quotas.cinder\_update

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	1.138	1.278	1.336	1.347	1.357	1.267	100.0%	10
total	1.138	1.278	1.336	1.347	1.357	1.267	100.0%	10

Load duration: 3.75106191635  
Full duration: 16.480301857

test scenario Quotas.neutron\_update

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.406	0.441	0.5	0.501	0.502	0.454	100.0%	10
total	0.546	0.618	0.666	0.67	0.674	0.616	100.0%	10

Load duration: 1.8795170784  
Full duration: 13.8104491234

test scenario Quotas.cinder\_update\_and\_delete

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	1.178	1.264	1.311	1.344	1.378	1.26	100.0%	10
quotas.delete_quotas	0.89	0.996	1.091	1.115	1.138	1.003	100.0%	10

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

total	2.155	2.273	2.366	2.404	2.442	2.264	100.0%	10	
-------	-------	-------	-------	-------	-------	-------	--------	----	--

Load duration: 6.68874502182  
Full duration: 18.7547061443

test scenario Quotas.nova\_update\_and\_delete

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
quotas.update_quotas	0.559	0.615	0.666	0.669	0.671	0.616	100.0%	10	
quotas.delete_quotas	0.013	0.022	0.026	0.028	0.029	0.022	100.0%	10	
total	0.585	0.641	0.68	0.687	0.693	0.638	100.0%	10	

Load duration: 1.9670290947  
Full duration: 13.6480379105

test scenario Quotas.nova\_update

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
quotas.update_quotas	0.587	0.621	0.738	0.758	0.777	0.646	100.0%	10	
total	0.587	0.621	0.738	0.758	0.777	0.647	100.0%	10	

Load duration: 1.87492918968  
Full duration: 13.4147770405

run\_rally - INFO - Test scenario: "quotas" OK.

run\_rally - INFO - Starting test scenario "requests" ...

run\_rally - INFO -

Preparing input task

Task 21739b85-984f-45b9-ae85-066dbdladce3: started

Task 21739b85-984f-45b9-ae85-066dbdladce3: finished

test scenario HttpRequests.check\_random\_request

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
requests.check_request	5.047	5.181	5.389	5.395	5.401	5.204	100.0%	10	
total	5.047	5.181	5.39	5.395	5.401	5.205	100.0%	10	

Load duration: 15.7369980812  
Full duration: 20.6335179806

```
test scenario HttpRequests.check_request
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| requests.check_request | 5.048 | 5.052  | 5.058  | 5.058  | 5.058 | 5.053 | 100.0% | 10    |
| total           | 5.049 | 5.052  | 5.058  | 5.058  | 5.058 | 5.053 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 15.2042939663
Full duration: 20.2779421806

run_rally - INFO - Test scenario: "requests" OK.

run_rally - INFO -

Rally Summary Report
+-----+-----+-----+-----+-----+
| Module          | Duration | nb. Test Run | Success |
+-----+-----+-----+-----+-----+
| authenticate    | 01:01   | 10           | 100.00% |
+-----+-----+-----+-----+-----+
| glance          | 03:33   | 7            | 100.00% |
+-----+-----+-----+-----+-----+
| cinder           | 22:00   | 50           | 100.00% |
+-----+-----+-----+-----+-----+
| heat            | 10:19   | 35           | 100.00% |
+-----+-----+-----+-----+-----+
| keystone         | 02:29   | 29           | 100.00% |
+-----+-----+-----+-----+-----+
| neutron         | 09:44   | 31           | 100.00% |
+-----+-----+-----+-----+-----+
| nova            | 43:55   | 61           | 100.00% |
+-----+-----+-----+-----+-----+
| quotas          | 01:16   | 7            | 100.00% |
+-----+-----+-----+-----+-----+
| requests        | 00:40   | 2            | 100.00% |
+-----+-----+-----+-----+-----+
| TOTAL:         | 01:35:01 | 232          | 100.00% |
+-----+-----+-----+-----+-----+
```

## 3.19 SDN Controller

### 3.19.1 ODL

```
=====
Basic
=====
Basic.010 Restconf OK :: Test suite to verify Restconf is OK
=====
Get Controller Modules :: Get the controller modules via Restconf      | PASS |
```

```
-----
Basic.010 Restconf OK :: Test suite to verify Restconf is OK          | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Basic                                                                    | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Output:  /home/opnfv/repos/funcstest/output.xml
Log:     /home/opnfv/repos/funcstest/log.html
Report:  /home/opnfv/repos/funcstest/report.html
[1;32mStarting test: test/csit/suites/openstack/neutron/ [0m
=====
Neutron :: Test suite for Neutron Plugin
=====
Neutron.Networks :: Checking Network created in OpenStack are pushed to Ope...
=====
Check OpenStack Networks :: Checking OpenStack Neutron for known n... | PASS |
-----
Check OpenDaylight Networks :: Checking OpenDaylight Neutron API f... | PASS |
-----
Create Network :: Create new network in OpenStack                      | PASS |
-----
Check Network :: Check Network created in OpenDaylight                | PASS |
-----
Neutron.Networks :: Checking Network created in OpenStack are push... | PASS |
4 critical tests, 4 passed, 0 failed
4 tests total, 4 passed, 0 failed
=====
Neutron.Subnets :: Checking Subnets created in OpenStack are pushed to Open...
=====
Check OpenStack Subnets :: Checking OpenStack Neutron for known Su... | PASS |
-----
Check OpenDaylight subnets :: Checking OpenDaylight Neutron API fo... | PASS |
-----
Create New subnet :: Create new subnet in OpenStack                    | PASS |
-----
Check New subnet :: Check new subnet created in OpenDaylight           | PASS |
-----
Neutron.Subnets :: Checking Subnets created in OpenStack are pushe... | PASS |
4 critical tests, 4 passed, 0 failed
4 tests total, 4 passed, 0 failed
=====
Neutron.Ports :: Checking Port created in OpenStack are pushed to OpenDaylight
=====
Check OpenStack ports :: Checking OpenStack Neutron for known ports   | PASS |
-----
Check OpenDaylight ports :: Checking OpenDaylight Neutron API for ... | PASS |
-----
Create New Port :: Create new port in OpenStack                        | PASS |
-----
Check New Port :: Check new subnet created in OpenDaylight             | PASS |
-----
Neutron.Ports :: Checking Port created in OpenStack are pushed to ... | PASS |
4 critical tests, 4 passed, 0 failed
4 tests total, 4 passed, 0 failed
=====
```

```

Neutron.Delete Ports :: Checking Port deleted in OpenStack are deleted also...
=====
Delete New Port :: Delete previously created port in OpenStack          | PASS |
-----
Check Port Deleted :: Check port deleted in OpenDaylight              | PASS |
-----
Neutron.Delete Ports :: Checking Port deleted in OpenStack are del... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack are deleted...
=====
Delete New subnet :: Delete previously created subnet in OpenStack     | PASS |
-----
Check New subnet deleted :: Check subnet deleted in OpenDaylight       | PASS |
-----
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack ar... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron.Delete Networks :: Checking Network deleted in OpenStack are delete...
=====
Delete Network :: Delete network in OpenStack                          | PASS |
-----
Check Network deleted :: Check Network deleted in OpenDaylight        | PASS |
-----
Neutron.Delete Networks :: Checking Network deleted in OpenStack a... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron :: Test suite for Neutron Plugin                                | PASS |
18 critical tests, 18 passed, 0 failed
18 tests total, 18 passed, 0 failed
=====
Output: /home/opnfv/repos/funcstest/output.xml
Log:    /home/opnfv/repos/funcstest/log.html
Report: /home/opnfv/repos/funcstest/report.html
[0;32mFinal report is located:[0m
Log:    /home/opnfv/repos/funcstest/log.html
Report: /home/opnfv/repos/funcstest/report.html

```

## 3.20 Feature tests

### 3.20.1 vIMS

```

FUNCTEST.info: Running vIMS test...
vIMS - INFO - Prepare OpenStack platform (create tenant and user)
vIMS - INFO - Update OpenStack creds informations
vIMS - INFO - Upload some OS images if it doesn't exist
vIMS - INFO - centos_7 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - ubuntu_14.04 image doesn't exist on glance repository.
                Try downloading this image and upload on glance !
vIMS - INFO - Update security group quota for this tenant
vIMS - INFO - Update cinder quota for this tenant

```

```
vIMS - INFO - Collect flavor id for cloudify manager server
vIMS - INFO - Prepare virtualenv for cloudify-cli
vIMS - INFO - Downloading the cloudify manager server blueprint
vIMS - INFO - Cloudify deployment Start Time:'2016-02-19 05:44:47'
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the cloudify-manager deployment
vIMS - INFO - Cloudify-manager server is UP !
vIMS - INFO - Cloudify deployment duration:'1149.9'
vIMS - INFO - Collect flavor id for all clearwater vm
vIMS - INFO - vIMS VNF deployment Start Time:'2016-02-19 06:04:00'
vIMS - INFO - Downloading the openstack-blueprint.yaml blueprint
vIMS - INFO - Writing the inputs file
vIMS - INFO - Launching the clearwater deployment
vIMS - INFO - The deployment of clearwater-opnfv is ended
vIMS - INFO - vIMS VNF deployment duration:'1133.8'
vIMS - INFO - vIMS functional test Start Time:'2016-02-19 06:25:59'
vIMS - INFO - vIMS functional test duration:'2.9'
vIMS - INFO - Launching the clearwater-opnfv undeployment
vIMS - ERROR - Error when executing command /bin/bash -c 'source /home/opnfv/funcstest/data/vIMS/venv
vIMS - INFO - Launching the cloudify-manager undeployment
vIMS - INFO - Cloudify-manager server has been successfully removed!
vIMS - INFO - Removing vIMS tenant ..
vIMS - INFO - Removing vIMS user ..
```

### 3.20.2 Promise

```
FUNCTEST.info: Running PROMISE test case...
Promise- INFO - Creating tenant 'promise'...
Promise- INFO - Adding role '9d0a0a36d3d54cdb4cd3c29c5f79a28' to tenant 'promise'...
Promise- INFO - Creating user 'promiser'...
Promise- INFO - Updating OpenStack credentials...
Promise- INFO - Creating image 'promise-img' from '/home/opnfv/funcstest/data/cirros-0.3.4-x86_64-disk
Promise- INFO - Creating flavor 'promise-flavor'...
Promise- INFO - Exporting environment variables...
Promise- INFO - Running command: npm run -s test -- --reporter json
Promise- INFO - The test succeeded.
Promise- DEBUG -
{
  "stats": {
    "suites": 23,
    "tests": 33,
    "passes": 33,
    "pending": 0,
    "failures": 0,
    "start": "2016-02-19T05:41:25.739Z",
    "end": "2016-02-19T05:41:31.140Z",
    "duration": 5524
  },
  "tests": [
    {
      "title": "should add a new OpenStack provider without error",
      "fullTitle": "promise register OpenStack into resource pool add-provider should add a new Open
      "duration": 1217,
      "err": {}
    },
  ],
}
```



```

    "title": "should update promise.providers with a new entry",
    "fullTitle": "promise register OpenStack into resource pool add-provider should update promise",
    "duration": 10,
    "err": {}
  },
  {
    "title": "should contain a new ResourceProvider record in the store",
    "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new R",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should add more capacity to the reservation service without error",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more c",
    "duration": 25,
    "err": {}
  },
  {
    "title": "should update promise.pools with a new entry",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should update pr",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should contain a ResourcePool record in the store",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should report total collections and utilizations",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should report total",
    "duration": 18,
    "err": {}
  },
  {
    "title": "should contain newly added capacity pool",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly",
    "duration": 8,
    "err": {}
  },
  {
    "title": "should create a new server in target provider without error",
    "fullTitle": "promise allocation without reservation create-instance should create a new server",
    "duration": 1768,
    "err": {}
  },
  {
    "title": "should update promise.allocations with a new entry",
    "fullTitle": "promise allocation without reservation create-instance should update promise.all",
    "duration": 2,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation without reservation create-instance should contain a new Reso",
    "duration": 0,
    "err": {}
  }

```

```
},
{
  "title": "should reference the created server ID from the provider",
  "fullTitle": "promise allocation without reservation create-instance should reference the creat",
  "duration": 1,
  "err": {}
},
{
  "title": "should have low priority state",
  "fullTitle": "promise allocation without reservation create-instance should have low priority s",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (no start/end) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 41,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 7,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 0,
  "err": {}
},
{
  "title": "should create a new server in target provider (with reservation) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should cre",
  "duration": 1617,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should cor",
  "duration": 1,
  "err": {}
},
{
  "title": "should be referenced in the reservation record",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should be",
  "duration": 7,
  "err": {}
},
{
  "title": "should have high priority state",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should hav",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (for future) without error",
  "fullTitle": "promise reservation for future use create-reservation should create reservation r
```

```

    "duration": 75,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise reservation for future use create-reservation should update promise.reservations with a new entry",
    "duration": 17,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise reservation for future use create-reservation should contain a new ResourceReservation record in the store",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should contain newly created future reservation",
    "fullTitle": "promise reservation for future use query-reservation should contain newly created future reservation",
    "duration": 61,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use update-reservation should modify existing reservation without error",
    "duration": 65,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use cancel-reservation should modify existing reservation without error",
    "duration": 17,
    "err": {}
  },
  {
    "title": "should no longer contain record of the deleted reservation",
    "fullTitle": "promise reservation for future use cancel-reservation should no longer contain record of the deleted reservation",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should decrease available capacity from a provider in the future",
    "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity from a provider in the future",
    "duration": 15,
    "err": {}
  },
  {
    "title": "should increase available capacity from a provider in the future",
    "fullTitle": "promise capacity planning increase-capacity should increase available capacity from a provider in the future",
    "duration": 11,
    "err": {}
  },
  {
    "title": "should report available collections and utilizations",
    "fullTitle": "promise capacity planning query-capacity should report available collections and utilizations",
    "duration": 56,
    "err": {}
  },
  {

```

```

    "title": "should fail to create immediate reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create immedi
    "duration": 60,
    "err": {}
  },
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future
    "duration": 38,
    "err": {}
  },
  {
    "title": "should successfully destroy all allocations",
    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all
    "duration": 361,
    "err": {}
  }
],
"pending": [],
"failures": [],
"passes": [
  {
    "title": "should add a new OpenStack provider without error",
    "fullTitle": "promise register OpenStack into resource pool add-provider should add a new OpenS
    "duration": 1217,
    "err": {}
  },
  {
    "title": "should update promise.providers with a new entry",
    "fullTitle": "promise register OpenStack into resource pool add-provider should update promise
    "duration": 10,
    "err": {}
  },
  {
    "title": "should contain a new ResourceProvider record in the store",
    "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new R
    "duration": 0,
    "err": {}
  },
  {
    "title": "should add more capacity to the reservation service without error",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more c
    "duration": 25,
    "err": {}
  },
  {
    "title": "should update promise.pools with a new entry",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should update pro
    "duration": 1,
    "err": {}
  },
  {
    "title": "should contain a ResourcePool record in the store",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a
    "duration": 0,
    "err": {}
  },
  {

```

```

    "title": "should report total collections and utilizations",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should report total",
    "duration": 18,
    "err": {}
  },
  {
    "title": "should contain newly added capacity pool",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly",
    "duration": 8,
    "err": {}
  },
  {
    "title": "should create a new server in target provider without error",
    "fullTitle": "promise allocation without reservation create-instance should create a new server",
    "duration": 1768,
    "err": {}
  },
  {
    "title": "should update promise.allocations with a new entry",
    "fullTitle": "promise allocation without reservation create-instance should update promise.all",
    "duration": 2,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation without reservation create-instance should contain a new Resou",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should reference the created server ID from the provider",
    "fullTitle": "promise allocation without reservation create-instance should reference the creat",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should have low priority state",
    "fullTitle": "promise allocation without reservation create-instance should have low priority s",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (no start/end) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 41,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 7,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 0,
    "err": {}
  }

```

```
    },
    {
      "title": "should create a new server in target provider (with reservation) without error",
      "fullTitle": "promise allocation using reservation for immediate use create-instance should create reservation",
      "duration": 1617,
      "err": {}
    },
    {
      "title": "should contain a new ResourceAllocation record in the store",
      "fullTitle": "promise allocation using reservation for immediate use create-instance should contain a new ResourceAllocation",
      "duration": 1,
      "err": {}
    },
    {
      "title": "should be referenced in the reservation record",
      "fullTitle": "promise allocation using reservation for immediate use create-instance should be referenced in the reservation record",
      "duration": 7,
      "err": {}
    },
    {
      "title": "should have high priority state",
      "fullTitle": "promise allocation using reservation for immediate use create-instance should have high priority state",
      "duration": 0,
      "err": {}
    },
    {
      "title": "should create reservation record (for future) without error",
      "fullTitle": "promise reservation for future use create-reservation should create reservation record",
      "duration": 75,
      "err": {}
    },
    {
      "title": "should update promise.reservations with a new entry",
      "fullTitle": "promise reservation for future use create-reservation should update promise.reservations with a new entry",
      "duration": 17,
      "err": {}
    },
    {
      "title": "should contain a new ResourceReservation record in the store",
      "fullTitle": "promise reservation for future use create-reservation should contain a new ResourceReservation",
      "duration": 0,
      "err": {}
    },
    {
      "title": "should contain newly created future reservation",
      "fullTitle": "promise reservation for future use query-reservation should contain newly created future reservation",
      "duration": 61,
      "err": {}
    },
    {
      "title": "should modify existing reservation without error",
      "fullTitle": "promise reservation for future use update-reservation should modify existing reservation",
      "duration": 65,
      "err": {}
    },
    {
      "title": "should modify existing reservation without error",
      "fullTitle": "promise reservation for future use cancel-reservation should modify existing reservation",
      "duration": 0,
      "err": {}
    }
  ]
}
```

```

    "duration": 17,
    "err": {}
  },
  {
    "title": "should no longer contain record of the deleted reservation",
    "fullTitle": "promise reservation for future use cancel-reservation should no longer contain record of the deleted reservation",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should decrease available capacity from a provider in the future",
    "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity from a provider in the future",
    "duration": 15,
    "err": {}
  },
  {
    "title": "should increase available capacity from a provider in the future",
    "fullTitle": "promise capacity planning increase-capacity should increase available capacity from a provider in the future",
    "duration": 11,
    "err": {}
  },
  {
    "title": "should report available collections and utilizations",
    "fullTitle": "promise capacity planning query-capacity should report available collections and utilizations",
    "duration": 56,
    "err": {}
  },
  {
    "title": "should fail to create immediate reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create immediate reservation record with proper error",
    "duration": 60,
    "err": {}
  },
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future reservation record with proper error",
    "duration": 38,
    "err": {}
  },
  {
    "title": "should successfully destroy all allocations",
    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all allocations",
    "duration": 361,
    "err": {}
  }
]
}
Promise- INFO -
*****
      Promise test report
*****
Suites:    23
Tests:     33
Passes:    33
Pending:   0
Failures:  0
Start:     2016-02-19T05:41:25.739Z

```

```
End:          2016-02-19T05:41:31.140Z
Duration:    6.301
*****
```

## 3.21 Detailed test results for fuel-os-onos-nofeature-ha

### 3.22 VIM

#### 3.22.1 vping\_ssh

```
FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-21 09:42:15'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=c921bde1-b564-4670-9801-7607bb7dd5f9
  network=ddbf909c-8936-4d5a-b499-ae5bc6e4981f

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=c921bde1-b564-4670-9801-7607bb7dd5f9
  network=ddbf909c-8936-4d5a-b499-ae5bc6e4981f

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '10.118.101.200'
vPing_ssh- INFO - Associating floating ip: '10.118.101.200' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 10.118.101.200...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'267.2' s.
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK
```

#### 3.22.2 Tempest

```
+-----+
| name                                     |
+-----+
| tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_get_flavor    |
| tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_list_flavors   |
| tempest.api.compute.images.test_images.ImagesTestJSON.test_delete_saving_image |
| tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_delete_image |
| tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_image_specify |
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filters |
+-----+
```





```
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_lock_unlock_server
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_reboot_server_hard
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_reboot_server_soft
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_rebuild_server
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_confirm
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_revert
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_stop_start_server
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_delete_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_get_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_list_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_update_server_metadata
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_server_with_admin_password
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_specify_keypair
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_with_existing_server_name
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_access_server_address
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_numeric_serv
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_metada
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_name_1
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_a_server_of_a
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_1
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_1
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_get_non_existent_ser
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_invalid_ip_v6_addres
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_se
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_e
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_1
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_and
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_er
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_alt_user_ten
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_serv
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_serv
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
| tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_pass
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
```

```

| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
| tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete
| tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
| tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixed
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_float
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIpV6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIpV6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIpV6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIpV6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPV6Test.test_create_list_update_show_delete_secu

```

```

| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_list_security_groups
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_notification
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basicops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-2109:47:08.529077', 'duration': 512, 'tests': 23}

```

### 3.22.3 Rally

```

FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...
run_rally - INFO -
  Preparing input task
  Task 938ee7f4-76f5-42f3-a908-9eb3557dac60: started
Task 938ee7f4-76f5-42f3-a908-9eb3557dac60: finished

test scenario Authenticate.validate_glance
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.528 | 0.563  | 0.576  | 0.577  | 0.578 | 0.558 | 100.0%  | 10    |
| authenticate.validate_glance (2)    | 0.524 | 0.536  | 0.584  | 0.646  | 0.707 | 0.556 | 100.0%  | 10    |
| total                                | 1.209 | 1.274  | 1.348  | 1.391  | 1.434 | 1.285 | 100.0%  | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 3.82395505905
Full duration: 11.5060088634

```



```

test scenario Authenticate.validate_neutron
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_neutron       | 0.289 | 0.309  | 0.329  | 0.334  | 0.34  | 0.31  | 100.0% | 10    |
| authenticate.validate_neutron (2)  | 0.044 | 0.294  | 0.324  | 0.365  | 0.406 | 0.265 | 100.0% | 10    |
| total                               | 0.533 | 0.752  | 0.809  | 0.831  | 0.854 | 0.734 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.165102005
Full duration: 9.4830288887

run_rally - INFO - Test scenario: "authenticate" OK.

run_rally - INFO - Starting test scenario "glance" ...
run_rally - INFO -
  Preparing input task
  Task 158cf9e7-5336-4cfc-be40-3e75d061e99a: started
Task 158cf9e7-5336-4cfc-be40-3e75d061e99a: finished

test scenario GlanceImages.list_images
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.list_images                  | 0.726 | 0.781  | 0.882  | 0.891  | 0.899 | 0.807 | 100.0% | 10    |
| total                               | 0.726 | 0.783  | 0.882  | 0.891  | 0.899 | 0.807 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.53244495392
Full duration: 12.5428349972

test scenario GlanceImages.create_image_and_boot_instances
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| glance.create_image                 | 6.979 | 7.618  | 7.794  | 7.829  | 7.863 | 7.563 | 100.0% | 10    |
| nova.boot_servers                   | 8.651 | 10.765 | 11.756 | 11.781 | 11.807 | 10.556 | 100.0% | 10    |
| total                               | 15.879 | 18.421 | 19.261 | 19.311 | 19.36  | 18.119 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 53.8314111233
Full duration: 120.073235035

test scenario GlanceImages.create_and_list_image
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

glance.create_image	7.329	7.6	7.99	8.113	8.236	7.653	100.0%	10	
glance.list_images	0.333	0.582	0.613	0.646	0.679	0.566	100.0%	10	
total	7.902	8.164	8.547	8.674	8.802	8.219	100.0%	10	

Load duration: 24.6576690674  
Full duration: 38.7420179844

test scenario GlanceImages.create\_and\_delete\_image

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	7.217	7.695	7.985	8.039	8.092	7.694	100.0%	10
glance.delete_image	1.995	2.137	2.493	2.608	2.722	2.22	100.0%	10
total	9.374	10.024	10.211	10.289	10.367	9.914	100.0%	10

Load duration: 29.6123759747  
Full duration: 39.9493000507

run\_rally - INFO - Test scenario: "glance" OK.

run\_rally - INFO - Starting test scenario "cinder" ...

run\_rally - INFO -

Preparing input task

Task blaa2d13-0f7a-4bff-8331-81336fed8893: started

Task blaa2d13-0f7a-4bff-8331-81336fed8893: finished

test scenario CinderVolumes.create\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	6.503	8.078	8.609	8.703	8.796	7.961	100.0%	10
cinder.create_volume	3.188	3.68	3.956	3.978	4.0	3.679	100.0%	10
nova.attach_volume	3.64	4.357	6.302	6.474	6.646	4.857	100.0%	10
nova.detach_volume	3.578	3.916	4.783	4.818	4.854	4.034	100.0%	10
cinder.delete_volume	0.561	1.816	3.1	3.132	3.165	1.823	100.0%	10
nova.delete_server	2.774	2.91	3.153	3.263	3.373	2.961	100.0%	10
total	22.849	25.428	26.942	27.99	29.037	25.315	100.0%	10

Load duration: 75.149212122  
Full duration: 118.157259941

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	7.83	9.929	10.531	10.536	10.541	9.772	100.0%	10

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

cinder.list_volumes	0.08	0.374	0.44	0.453	0.465	0.361	100.0%	10
total	8.172	10.346	10.952	10.96	10.967	10.134	100.0%	10

Load duration: 29.4478600025  
Full duration: 52.5886940956

test scenario CinderVolumes.create\_and\_list\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.301	3.843	4.226	4.357	4.488	3.882	100.0%	10
cinder.list_volumes	0.053	0.331	0.398	0.398	0.398	0.273	100.0%	10
total	3.637	4.144	4.619	4.733	4.847	4.156	100.0%	10

Load duration: 12.4273290634  
Full duration: 34.9144048691

test scenario CinderVolumes.create\_and\_list\_snapshots

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_snapshot	2.946	3.307	3.538	3.549	3.56	3.273	100.0%	10
cinder.list_snapshots	0.028	0.295	0.328	0.338	0.348	0.201	100.0%	10
total	3.176	3.555	3.638	3.662	3.686	3.474	100.0%	10

Load duration: 10.5382380486  
Full duration: 51.362334013

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.624	3.895	4.231	4.281	4.331	3.947	100.0%	10
cinder.delete_volume	0.812	1.949	3.114	3.122	3.131	1.972	100.0%	10
total	4.618	5.84	7.204	7.278	7.351	5.92	100.0%	10

Load duration: 16.7822580338  
Full duration: 34.5782420635

test scenario CinderVolumes.create\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count



FuncTest test results, Release brahmaputra.3.0 (41850cb)

cinder.create_volume	9.294	9.687	9.755	9.776	9.798	9.602	100.0%	10	
cinder.delete_volume	0.832	2.037	2.912	3.099	3.287	1.974	100.0%	10	
total	10.153	11.549	12.579	12.706	12.832	11.576	100.0%	10	
Load duration: 33.8279159069									
Full duration: 52.5032699108									
test scenario CinderVolumes.create_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.531	3.917	4.114	4.116	4.119	3.89	100.0%	10	
cinder.delete_volume	0.795	0.992	3.094	3.232	3.371	1.405	100.0%	10	
total	4.55	4.893	6.895	7.065	7.235	5.295	100.0%	10	
Load duration: 14.6577680111									
Full duration: 32.7706868649									
test scenario CinderVolumes.create_and_upload_volume_to_image									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.529	3.821	4.216	4.22	4.223	3.861	100.0%	10	
cinder.upload_volume_to_image	19.02	29.858	31.714	31.91	32.105	28.579	100.0%	10	
cinder.delete_volume	0.778	2.823	3.199	3.243	3.288	2.495	100.0%	10	
nova.delete_image	2.394	2.794	4.071	9.486	14.9	3.949	100.0%	10	
total	28.359	39.027	42.376	45.938	49.5	38.885	100.0%	10	
Load duration: 119.134256124									
Full duration: 139.814013958									
test scenario CinderVolumes.create_and_delete_snapshot									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_snapshot	3.047	3.312	3.751	4.588	5.426	3.504	100.0%	10	
cinder.delete_snapshot	2.515	2.959	3.129	3.134	3.139	2.904	100.0%	10	
total	5.93	6.273	6.77	7.355	7.941	6.408	100.0%	10	
Load duration: 18.6710958481									
Full duration: 52.810079813									
test scenario CinderVolumes.create_volume									

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.645	3.983	4.278	4.284	4.291	4.015	100.0%	10
total	3.645	3.983	4.278	4.284	4.291	4.015	100.0%	10
Load duration: 11.9593629837								
Full duration: 30.0458798409								
test scenario CinderVolumes.create_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.5	4.11	4.423	4.479	4.535	4.045	100.0%	10
total	3.5	4.11	4.423	4.479	4.535	4.045	100.0%	10
Load duration: 11.9883899689								
Full duration: 34.5793349743								
test scenario CinderVolumes.list_volumes								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.list_volumes	0.527	0.566	0.622	0.634	0.647	0.579	100.0%	10
total	0.527	0.566	0.622	0.635	0.647	0.579	100.0%	10
Load duration: 1.71377515793								
Full duration: 66.8403449059								
test scenario CinderVolumes.create_nested_snapshots_and_attach_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.423	3.79	4.204	4.228	4.253	3.832	100.0%	10
cinder.create_snapshot	2.595	2.914	3.105	3.107	3.109	2.93	100.0%	10
nova.attach_volume	3.943	6.629	7.921	8.552	9.183	6.368	100.0%	10
nova.detach_volume	3.275	3.933	4.098	4.151	4.204	3.813	100.0%	10
cinder.delete_snapshot	2.26	2.576	3.109	3.173	3.237	2.627	100.0%	10
cinder.delete_volume	0.572	2.766	2.935	3.011	3.086	2.543	100.0%	10
total	20.778	22.953	25.368	26.28	27.193	23.194	100.0%	10
Load duration: 69.8529119492								
Full duration: 173.89911294								

```

test scenario CinderVolumes.create_from_volume_and_delete_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.664 | 3.994  | 4.4    | 4.405  | 4.411 | 4.043 | 100.0% | 10    |
| cinder.delete_volume | 2.706 | 3.262  | 3.503  | 3.525  | 3.547 | 3.211 | 100.0% | 10    |
| total           | 6.956 | 7.239  | 7.437  | 7.513  | 7.589 | 7.254 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 21.7929730415
Full duration: 56.4282138348

test scenario CinderVolumes.create_and_extend_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.519 | 3.91   | 4.25   | 4.293  | 4.336 | 3.898 | 100.0% | 10    |
| cinder.extend_volume | 0.954 | 3.479  | 3.822  | 3.974  | 4.126 | 3.266 | 100.0% | 10    |
| cinder.delete_volume | 2.743 | 3.002  | 3.324  | 3.34   | 3.356 | 3.018 | 100.0% | 10    |
| total           | 8.353 | 10.523 | 10.792 | 10.838 | 10.885 | 10.182 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 30.6360728741
Full duration: 49.9283909798

test scenario CinderVolumes.create_snapshot_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.39  | 3.97   | 4.263  | 4.45   | 4.638 | 3.957 | 100.0% | 10    |
| cinder.create_snapshot | 2.608 | 3.069  | 3.308  | 3.31   | 3.312 | 3.012 | 100.0% | 10    |
| nova.attach_volume   | 4.043 | 5.478  | 7.465  | 8.181  | 8.896 | 5.734 | 100.0% | 10    |
| nova.detach_volume   | 3.111 | 3.712  | 4.231  | 4.297  | 4.362 | 3.748 | 100.0% | 10    |
| cinder.delete_snapshot | 2.272 | 2.63   | 2.889  | 3.032  | 3.174 | 2.679 | 100.0% | 10    |
| cinder.delete_volume | 0.594 | 2.64   | 3.158  | 3.173  | 3.187 | 2.251 | 100.0% | 10    |
| total           | 18.408 | 23.294 | 24.568 | 24.632 | 24.697 | 22.576 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 68.1245191097
Full duration: 178.916586161

test scenario CinderVolumes.create_snapshot_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 3.136 | 3.923  | 4.27   | 4.334  | 4.398 | 3.903 | 100.0% | 10    |

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

cinder.create_snapshot	2.708	2.894	3.269	3.309	3.348	2.997	100.0%	10	
nova.attach_volume	3.853	5.659	9.176	9.424	9.673	6.046	100.0%	10	
nova.detach_volume	3.349	3.857	4.334	4.582	4.829	3.88	100.0%	10	
cinder.delete_snapshot	2.261	2.578	3.148	3.183	3.219	2.687	100.0%	10	
cinder.delete_volume	2.584	2.856	3.08	3.208	3.335	2.877	100.0%	10	
total	21.769	23.113	27.189	27.9	28.611	24.037	100.0%	10	

Load duration: 69.8956279755  
 Full duration: 185.589872122

run\_rally - INFO - Test scenario: "cinder" OK.

run\_rally - INFO - Starting test scenario "heat" ...

run\_rally - INFO -

Preparing input task

Task 6323c0be-a020-4b31-99f0-846288593cf5: started

Task 6323c0be-a020-4b31-99f0-846288593cf5: finished

test scenario HeatStacks.create\_suspend\_resume\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.897	4.064	4.38	4.573	4.766	4.148	100.0%	10
heat.suspend_stack	0.856	1.754	2.035	2.047	2.058	1.584	100.0%	10
heat.resume_stack	1.455	1.659	1.714	1.716	1.718	1.62	100.0%	10
heat.delete_stack	1.394	1.581	2.739	2.752	2.765	1.784	100.0%	10
total	8.071	9.183	10.285	10.314	10.344	9.135	100.0%	10

Load duration: 27.614921093  
 Full duration: 38.014703989

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.032	4.108	4.322	4.37	4.419	4.169	100.0%	10
heat.delete_stack	1.408	1.463	1.821	2.204	2.588	1.599	100.0%	10
total	5.497	5.706	5.963	6.33	6.698	5.768	100.0%	10

Load duration: 17.1844079494  
 Full duration: 27.193780899

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

heat.create_stack	22.283	23.81	24.26	24.642	25.023	23.576	100.0%	10	
heat.delete_stack	10.675	11.83	13.071	13.072	13.073	12.167	100.0%	10	
total	33.542	35.738	36.805	36.843	36.881	35.743	100.0%	10	

Load duration: 107.773921967  
Full duration: 118.200341225

test scenario HeatStacks.create\_and\_delete\_stack

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	18.184	20.407	21.635	21.85	22.065	20.2	100.0%	10	
heat.delete_stack	10.601	10.722	11.882	11.945	12.008	11.03	100.0%	10	
total	28.903	31.02	33.025	33.24	33.455	31.23	100.0%	10	

Load duration: 92.4247808456  
Full duration: 102.624263048

test scenario HeatStacks.list\_stacks\_and\_resources

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.list_stacks	0.493	0.534	0.591	0.604	0.617	0.542	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.493	0.534	0.592	0.604	0.617	0.542	100.0%	10	

Load duration: 1.70831894875  
Full duration: 10.6722428799

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	4.142	4.331	4.481	4.527	4.573	4.327	100.0%	10	
heat.update_stack	3.575	3.673	3.746	3.752	3.758	3.674	100.0%	10	
heat.delete_stack	1.9	2.609	2.795	2.836	2.877	2.6	100.0%	10	
total	9.714	10.635	10.858	10.879	10.899	10.601	100.0%	10	

Load duration: 32.1056320667  
Full duration: 42.6386361122

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)									
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**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.12	4.273	4.323	4.33	4.336	4.247	100.0%	10
heat.update_stack	3.504	3.594	3.722	3.741	3.76	3.615	100.0%	10
heat.delete_stack	1.391	1.433	1.71	2.139	2.568	1.584	100.0%	10
total	9.04	9.38	9.599	10.09	10.581	9.447	100.0%	10

Load duration: 29.2272830009  
Full duration: 40.1677620411

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.97	4.292	4.415	4.448	4.481	4.271	100.0%	10
heat.update_stack	5.842	5.898	5.997	6.123	6.248	5.932	100.0%	10
heat.delete_stack	2.495	2.556	3.706	3.713	3.721	2.769	100.0%	10
total	12.606	12.776	13.842	13.936	14.029	12.972	100.0%	10

Load duration: 39.4572560787  
Full duration: 50.1925730705

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.629	5.407	5.516	5.7	5.884	5.364	100.0%	10
heat.update_stack	8.444	9.309	9.353	9.359	9.365	9.16	100.0%	10
heat.delete_stack	3.645	3.715	3.749	3.76	3.771	3.715	100.0%	10
total	17.585	18.448	18.542	18.731	18.92	18.239	100.0%	10

Load duration: 54.5839819908  
Full duration: 66.1476221085

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.153	4.42	4.537	4.626	4.716	4.414	100.0%	10
heat.update_stack	5.756	5.867	5.968	5.986	6.003	5.879	100.0%	10
heat.delete_stack	2.537	2.569	3.682	3.771	3.859	2.812	100.0%	10
total	12.735	12.934	13.781	13.841	13.901	13.105	100.0%	10

Load duration: 39.6327600479  
Full duration: 51.5351819992

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.216	4.41	4.524	4.563	4.602	4.398	100.0%	10
heat.update_stack	3.532	3.608	3.773	3.784	3.795	3.634	100.0%	10
heat.delete_stack	1.377	1.48	2.549	2.553	2.557	1.868	100.0%	10
total	9.266	9.676	10.603	10.665	10.728	9.9	100.0%	10

Load duration: 29.3563029766

Full duration: 41.178768158

test scenario HeatStacks.create\_and\_list\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.154	4.25	4.32	4.358	4.396	4.255	100.0%	10
heat.list_stacks	0.074	0.097	0.126	0.128	0.13	0.104	100.0%	10
total	4.279	4.357	4.412	4.448	4.484	4.359	100.0%	10

Load duration: 13.1276688576

Full duration: 29.3930869102

test scenario HeatStacks.create\_check\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.092	4.317	4.556	4.566	4.577	4.328	100.0%	10
heat.check_stack	1.476	1.524	1.598	1.722	1.845	1.56	100.0%	10
heat.delete_stack	1.38	2.515	2.587	2.689	2.791	2.103	100.0%	10
total	7.059	8.243	8.619	8.666	8.713	7.99	100.0%	10

Load duration: 24.3825399876

Full duration: 35.8954949379

run\_rally - INFO - Test scenario: "heat" OK.

run\_rally - INFO - Starting test scenario "keystone" ...

run\_rally - INFO -

Preparing input task

Task 01416586-e6ad-4e3a-ala2-6fc6305bbaea: started

Task 01416586-e6ad-4e3a-ala2-6fc6305bbaea: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

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+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| keystone.create_tenant | 0.27  | 0.298  | 0.409  | 0.435  | 0.46  | 0.321 | 100.0% | 10    |
| keystone.create_users  | 1.62  | 1.702  | 1.784  | 1.8    | 1.816 | 1.71  | 100.0% | 10    |
| total              | 1.925 | 2.027  | 2.126  | 2.152  | 2.178 | 2.031 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 6.16570997238  
Full duration: 22.7167549133

test scenario KeystoneBasic.create\_add\_and\_list\_user\_roles

```

+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| keystone.create_role  | 0.266 | 0.303  | 0.411  | 0.414  | 0.418 | 0.326 | 100.0% | 10    |
| keystone.add_role     | 0.268 | 0.295  | 0.314  | 0.344  | 0.373 | 0.3   | 100.0% | 10    |
| keystone.list_roles   | 0.148 | 0.159  | 0.168  | 0.169  | 0.17  | 0.158 | 100.0% | 10    |
| total                | 0.695 | 0.767  | 0.865  | 0.868  | 0.872 | 0.784 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 2.35486006737  
Full duration: 15.306978941

test scenario KeystoneBasic.add\_and\_remove\_user\_role

```

+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| keystone.create_role  | 0.29  | 0.387  | 0.421  | 0.453  | 0.485 | 0.366 | 100.0% | 10    |
| keystone.add_role     | 0.258 | 0.281  | 0.337  | 0.355  | 0.373 | 0.294 | 100.0% | 10    |
| keystone.remove_role  | 0.164 | 0.171  | 0.231  | 0.302  | 0.373 | 0.197 | 100.0% | 10    |
| total                | 0.747 | 0.827  | 0.964  | 1.078  | 1.191 | 0.857 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 2.82508516312  
Full duration: 16.1954729557

test scenario KeystoneBasic.create\_update\_and\_delete\_tenant

```

+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| keystone.create_tenant | 0.258 | 0.319  | 0.527  | 0.533  | 0.538 | 0.37  | 100.0% | 10    |
| keystone.update_tenant | 0.138 | 0.159  | 0.258  | 0.263  | 0.269 | 0.18  | 100.0% | 10    |
| keystone.delete_tenant | 0.319 | 0.34   | 0.454  | 0.455  | 0.455 | 0.371 | 100.0% | 10    |
| total              | 0.776 | 0.89   | 1.119  | 1.121  | 1.124 | 0.922 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Load duration: 2.63998699188



Full duration: 14.1927289963

test scenario KeystoneBasic.create\_and\_delete\_service

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_service	0.278	0.299	0.315	0.315	0.316	0.3	100.0%	10	
keystone.delete_service	0.15	0.17	0.241	0.247	0.253	0.182	100.0%	10	
total	0.434	0.481	0.533	0.538	0.544	0.482	100.0%	10	

Load duration: 1.47481298447

Full duration: 13.4397730827

test scenario KeystoneBasic.create\_tenant

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.301	0.315	0.339	0.384	0.429	0.325	100.0%	10	
total	0.301	0.316	0.339	0.384	0.429	0.325	100.0%	10	

Load duration: 0.985784053802

Full duration: 9.20213198662

test scenario KeystoneBasic.create\_user

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.31	0.315	0.333	0.333	0.333	0.32	100.0%	10	
total	0.31	0.315	0.333	0.333	0.333	0.32	100.0%	10	

Load duration: 1.00818705559

Full duration: 9.22635006905

test scenario KeystoneBasic.create\_and\_list\_tenants

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.287	0.304	0.325	0.327	0.329	0.306	100.0%	10	
keystone.list_tenants	0.127	0.136	0.153	0.157	0.16	0.139	100.0%	10	
total	0.42	0.445	0.462	0.466	0.469	0.445	100.0%	10	

Load duration: 1.36337804794

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Full duration: 14.8872029781

test scenario KeystoneBasic.create\_and\_delete\_role

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_role	0.282	0.386	0.408	0.422	0.436	0.365	100.0%	10	
keystone.delete_role	0.268	0.3	0.401	0.491	0.581	0.334	100.0%	10	
total	0.575	0.677	0.804	0.911	1.018	0.699	100.0%	10	

Load duration: 2.04137206078

Full duration: 14.1024041176

test scenario KeystoneBasic.get\_entities

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.286	0.308	0.319	0.328	0.336	0.307	100.0%	10	
keystone.create_user	0.143	0.156	0.164	0.167	0.17	0.157	100.0%	10	
keystone.create_role	0.135	0.143	0.175	0.19	0.204	0.151	100.0%	10	
keystone.get_tenant	0.117	0.13	0.135	0.136	0.138	0.129	100.0%	10	
keystone.get_user	0.127	0.15	0.222	0.227	0.232	0.162	100.0%	10	
keystone.get_role	0.12	0.132	0.144	0.154	0.164	0.134	100.0%	10	
keystone.service_list	0.125	0.138	0.243	0.244	0.245	0.164	100.0%	10	
keystone.get_service	0.124	0.133	0.153	0.194	0.235	0.143	100.0%	10	
total	1.279	1.333	1.411	1.47	1.528	1.345	100.0%	10	

Load duration: 4.00930905342

Full duration: 20.4269800186

test scenario KeystoneBasic.create\_and\_list\_users

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.295	0.304	0.332	0.342	0.351	0.311	100.0%	10	
keystone.list_users	0.127	0.146	0.162	0.201	0.24	0.151	100.0%	10	
total	0.422	0.458	0.506	0.523	0.539	0.462	100.0%	10	

Load duration: 1.42111587524

Full duration: 9.87036585808

run\_rally - INFO - Test scenario: "keystone" OK.

run\_rally - INFO - Starting test scenario "neutron" ...

```

run_rally - INFO -
  Preparing input task
  Task 31a75089-836c-4dd2-bea5-146049608ff3: started
Task 31a75089-836c-4dd2-bea5-146049608ff3: finished

test scenario NeutronNetworks.create_and_delete_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_port | 0.763 | 0.911 | 1.019 | 1.048 | 1.078 | 0.909 | 100.0% | 10   |
| neutron.delete_port | 0.237 | 0.633 | 0.682 | 0.717 | 0.752 | 0.534 | 100.0% | 10   |
| total           | 1.07  | 1.489 | 1.683 | 1.704 | 1.726 | 1.443 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.20432686806
Full duration: 54.8132340908

test scenario NeutronNetworks.create_and_list_routers
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet | 0.762 | 0.836 | 0.949 | 0.98  | 1.011 | 0.863 | 100.0% | 10   |
| neutron.create_router | 0.066 | 0.493 | 0.686 | 0.691 | 0.695 | 0.459 | 100.0% | 10   |
| neutron.add_interface_router | 0.262 | 0.695 | 0.795 | 0.844 | 0.892 | 0.637 | 100.0% | 10   |
| neutron.list_routers  | 0.039 | 0.407 | 0.441 | 0.452 | 0.462 | 0.308 | 100.0% | 10   |
| total           | 1.54  | 2.352 | 2.744 | 2.824 | 2.904 | 2.268 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 7.36094808578
Full duration: 61.3011310101

test scenario NeutronNetworks.create_and_delete_routers
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet | 0.79  | 0.836 | 0.945 | 1.009 | 1.072 | 0.868 | 100.0% | 10   |
| neutron.create_router | 0.074 | 0.436 | 0.479 | 0.499 | 0.518 | 0.377 | 100.0% | 10   |
| neutron.add_interface_router | 0.284 | 0.545 | 0.739 | 0.812 | 0.886 | 0.527 | 100.0% | 10   |
| neutron.remove_interface_router | 0.221 | 0.615 | 0.709 | 0.724 | 0.739 | 0.518 | 100.0% | 10   |
| neutron.delete_router | 0.187 | 0.566 | 0.709 | 0.751 | 0.793 | 0.508 | 100.0% | 10   |
| total           | 2.124 | 2.811 | 3.347 | 3.379 | 3.412 | 2.799 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 8.68784189224
Full duration: 59.8806409836

test scenario NeutronNetworks.create_and_list_ports
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.777	0.895	0.981	1.01	1.039	0.89	100.0%	10
neutron.list_ports	0.525	0.678	0.726	0.735	0.743	0.65	100.0%	10
total	1.351	1.564	1.694	1.729	1.764	1.54	100.0%	10

Load duration: 4.66481399536  
Full duration: 56.677120924

test scenario NeutronNetworks.create\_and\_delete\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.785	0.926	1.065	1.065	1.065	0.914	100.0%	10
neutron.delete_subnet	0.193	0.762	0.952	1.035	1.117	0.745	100.0%	10
total	1.258	1.702	1.876	1.903	1.929	1.659	100.0%	10

Load duration: 5.09031915665  
Full duration: 56.7336909771

test scenario NeutronNetworks.create\_and\_delete\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.614	0.708	0.774	0.81	0.847	0.712	100.0%	10
neutron.delete_network	0.144	0.554	0.592	0.645	0.698	0.489	100.0%	10
total	0.809	1.248	1.41	1.418	1.427	1.202	100.0%	10

Load duration: 3.66986989975  
Full duration: 34.80159688

test scenario NeutronNetworks.create\_and\_list\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.627	0.707	0.85	0.851	0.853	0.719	100.0%	10
neutron.list_networks	0.059	0.439	0.513	0.515	0.518	0.413	100.0%	10
total	0.909	1.126	1.242	1.306	1.371	1.132	100.0%	10

Load duration: 3.38921308517  
Full duration: 36.8345379829

test scenario NeutronNetworks.create\_and\_update\_routers

FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.751	0.824	0.876	0.921	0.967	0.832	100.0%	10
neutron.create_router	0.431	0.473	0.541	0.577	0.613	0.489	100.0%	10
neutron.add_interface_router	0.301	0.711	0.928	1.08	1.231	0.684	100.0%	10
neutron.update_router	0.48	0.514	0.703	0.74	0.778	0.579	100.0%	10
total	2.062	2.629	2.871	3.084	3.298	2.584	100.0%	10

Load duration: 7.65487504005  
Full duration: 63.1229610443

test scenario NeutronNetworks.create\_and\_update\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.656	0.719	1.152	1.152	1.153	0.796	100.0%	10
neutron.update_network	0.136	0.33	0.656	0.684	0.711	0.37	100.0%	10
total	0.793	1.067	1.71	1.757	1.803	1.166	100.0%	10

Load duration: 3.25723409653  
Full duration: 35.7245519161

test scenario NeutronNetworks.create\_and\_update\_ports

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.757	0.871	0.937	0.949	0.961	0.872	100.0%	10
neutron.update_port	0.152	0.553	0.69	0.695	0.7	0.449	100.0%	10
total	1.013	1.374	1.562	1.591	1.621	1.322	100.0%	10

Load duration: 4.26963686943  
Full duration: 56.3142960072

test scenario NeutronNetworks.create\_and\_list\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.759	0.838	0.884	0.921	0.959	0.833	100.0%	10
neutron.list_subnets	0.419	0.437	0.474	0.504	0.535	0.447	100.0%	10
total	1.205	1.29	1.325	1.352	1.379	1.281	100.0%	10

Load duration: 3.90167307854  
Full duration: 56.5125339031

```

test scenario NeutronNetworks.create_and_update_subnets
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.739 | 0.86   | 0.894  | 0.899  | 0.904 | 0.847 | 100.0% | 10    |
| neutron.update_subnet                 | 0.215 | 0.626  | 0.747  | 0.751  | 0.754 | 0.619 | 100.0% | 10    |
| total                                 | 0.992 | 1.503  | 1.597  | 1.604  | 1.611 | 1.466 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.40182685852
Full duration: 57.6830070019

run_rally - INFO - Test scenario: "neutron" OK.

run_rally - INFO - Starting test scenario "nova" ...
run_rally - INFO -
  Preparing input task
  Task 584052d3-7a9b-44cb-b72b-0fa69c80ff0f: started
  Task 584052d3-7a9b-44cb-b72b-0fa69c80ff0f: finished

test scenario NovaKeypair.create_and_delete_keypair
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.create_keypair                   | 0.784 | 0.836  | 1.474  | 1.484  | 1.495 | 0.974 | 100.0% | 10    |
| nova.delete_keypair                   | 0.034 | 0.05   | 0.055  | 0.057  | 0.058 | 0.047 | 100.0% | 10    |
| total                                 | 0.832 | 0.883  | 1.529  | 1.541  | 1.553 | 1.022 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 3.34695100784
Full duration: 45.7756779194

test scenario NovaServers.snapshot_server
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server                       | 7.554 | 10.346 | 11.835 | 11.965 | 12.095 | 10.244 | 100.0% | 10    |
| nova.create_image                       | 11.631 | 12.185 | 12.844 | 13.707 | 14.57  | 12.355 | 100.0% | 10    |
| nova.delete_server                      | 2.863 | 3.258  | 3.364  | 3.387  | 3.409  | 3.184  | 100.0% | 10    |
| nova.boot_server (2)                    | 7.672 | 8.531  | 9.58   | 9.806  | 10.032 | 8.647  | 100.0% | 10    |
| nova.delete_server (2)                  | 2.536 | 2.983  | 3.338  | 3.367  | 3.396  | 3.003  | 100.0% | 10    |
| nova.delete_image                       | 2.294 | 3.138  | 3.917  | 3.949  | 3.981  | 3.199  | 100.0% | 10    |
| total                                   | 37.226 | 39.77  | 43.868 | 44.502 | 45.136 | 40.632 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 120.862003088
Full duration: 196.742653131

```

```
test scenario NovaKeypair.boot_and_delete_server_with_keypair
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.722	0.911	1.196	1.303	1.41	0.932	100.0%	10
nova.boot_server	8.584	9.058	10.234	10.397	10.559	9.363	100.0%	10
nova.delete_server	2.535	3.3	3.362	3.407	3.453	3.174	100.0%	10
nova.delete_keypair	0.037	0.048	0.055	0.057	0.059	0.049	100.0%	10
total	12.316	13.426	14.867	14.936	15.006	13.518	100.0%	10

Load duration: 39.9865550995  
Full duration: 111.508669853

```
test scenario NovaKeypair.create_and_list_keypairs
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.648	0.815	1.082	1.098	1.113	0.837	100.0%	10
nova.list_keypairs	0.019	0.028	0.042	0.042	0.042	0.03	100.0%	10
total	0.674	0.84	1.113	1.126	1.139	0.868	100.0%	10

Load duration: 2.55701994896  
Full duration: 46.8838369846

```
test scenario NovaServers.list_servers
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.list_servers	1.225	1.717	2.028	2.148	2.269	1.703	100.0%	10
total	1.225	1.717	2.028	2.149	2.269	1.703	100.0%	10

Load duration: 5.18592405319  
Full duration: 131.096873999

```
test scenario NovaServers.resize_server
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	7.681	9.106	9.667	9.855	10.043	8.967	100.0%	10
nova.resize	41.039	42.444	47.666	47.89	48.113	43.647	100.0%	10
nova.resize_confirm	3.05	3.839	5.756	5.796	5.836	4.129	100.0%	10
nova.delete_server	2.538	2.977	3.37	3.436	3.502	2.99	100.0%	10
total	56.14	58.909	63.601	64.059	64.517	59.734	100.0%	10

Load duration: 175.1216681  
Full duration: 218.552350998

test scenario NovaServers.boot\_server\_from\_volume\_and\_delete

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	10.051	10.651	11.762	11.824	11.885	10.8	100.0%	10
nova.boot_server	9.377	9.86	11.429	11.996	12.563	10.33	100.0%	10
nova.delete_server	3.706	5.644	6.192	6.201	6.209	5.374	100.0%	10
total	23.576	26.289	28.117	28.514	28.911	26.505	100.0%	10

Load duration: 78.3103020191  
Full duration: 163.452836037

test scenario NovaServers.boot\_and\_migrate\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.257	9.346	10.61	10.662	10.713	9.544	100.0%	10
nova.stop_server	4.295	6.497	7.089	7.118	7.147	6.056	100.0%	10
nova.migrate	9.675	12.304	13.12	13.229	13.338	12.161	100.0%	10
nova.resize_confirm	3.122	3.507	4.272	4.364	4.457	3.653	100.0%	10
nova.delete_server	2.554	3.188	3.429	3.496	3.562	3.139	100.0%	10
total	32.033	35.063	36.096	36.58	37.064	34.553	100.0%	10

Load duration: 105.193811893  
Full duration: 148.141517878

test scenario NovaServers.boot\_and\_delete\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.014	9.185	9.831	10.523	11.215	9.243	100.0%	10
nova.delete_server	2.908	3.295	3.466	3.472	3.478	3.254	100.0%	10
total	11.295	12.557	13.028	13.839	14.649	12.498	100.0%	10

Load duration: 36.6073288918  
Full duration: 109.97128582

test scenario NovaServers.boot\_and\_rebuild\_server

Response Times (sec)								
----------------------	--	--	--	--	--	--	--	--



FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	7.698	9.483	10.427	10.794	11.162	9.37	100.0%	10
nova.rebuild_server	8.598	9.448	10.319	10.378	10.438	9.551	100.0%	10
nova.delete_server	2.858	3.099	3.428	3.623	3.817	3.161	100.0%	10
total	20.044	22.42	23.365	23.559	23.752	22.083	100.0%	10

Load duration: 64.9432969093  
Full duration: 139.465661049

test scenario NovaSecGroup.create\_and\_list\_secgroups

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	4.683	5.344	5.852	5.859	5.866	5.356	100.0%	10	
nova.create_100_rules	42.414	45.678	47.163	47.368	47.574	45.254	100.0%	10	
nova.list_security_groups	0.175	0.212	0.354	0.608	0.863	0.283	100.0%	10	
total	47.348	51.421	52.56	52.638	52.716	50.893	100.0%	10	

Load duration: 151.312942028  
Full duration: 221.151799202

test scenario NovaSecGroup.create\_and\_delete\_secgroups

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	4.207	5.153	5.865	6.016	6.167	5.223	100.0%	10	
nova.create_100_rules	44.426	45.496	46.391	46.57	46.749	45.514	100.0%	10	
nova.delete_10_security_groups	1.719	2.314	3.033	3.409	3.786	2.461	100.0%	10	
total	51.911	53.27	54.098	54.11	54.121	53.199	100.0%	10	

Load duration: 158.767210007  
Full duration: 204.404190063

test scenario NovaServers.boot\_and\_bounce\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	8.232	10.238	11.257	11.387	11.516	9.989	100.0%	10	
nova.reboot_server	5.292	6.196	8.351	8.675	8.999	6.856	100.0%	10	
nova.soft_reboot_server	7.958	8.738	8.914	8.918	8.923	8.624	100.0%	10	
nova.stop_server	3.374	6.332	7.13	7.453	7.776	5.867	100.0%	10	
nova.start_server	2.904	4.376	4.992	5.042	5.093	4.338	100.0%	10	
nova.rescue_server	7.695	9.49	10.886	11.148	11.409	9.448	100.0%	10	
nova.unrescue_server	5.081	5.557	7.819	8.065	8.31	5.985	100.0%	10	
nova.delete_server	2.544	3.077	3.429	3.523	3.617	3.093	100.0%	10	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

total	49.625	55.207	55.707	56.454	57.202	54.222	100.0%	10	
-------	--------	--------	--------	--------	--------	--------	--------	----	--

Load duration: 163.818984032  
Full duration: 233.215523958

test scenario NovaServers.boot\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	8.48	8.958	10.243	10.531	10.819	9.243	100.0%	10	
total	8.481	8.958	10.244	10.531	10.819	9.244	100.0%	10	

Load duration: 27.3609120846  
Full duration: 84.3593919277

test scenario NovaSecGroup.boot\_and\_delete\_server\_with\_secgroups

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	4.247	5.184	5.369	5.396	5.424	5.095	100.0%		
nova.create_100_rules	40.661	43.059	43.938	44.458	44.978	42.794	100.0%		
nova.boot_server	6.947	8.26	9.169	9.358	9.548	8.098	100.0%		
nova.get_attached_security_groups	0.225	0.263	0.273	0.293	0.313	0.26	100.0%		
nova.delete_server	2.528	2.586	2.843	2.904	2.965	2.638	100.0%		
nova.delete_10_security_groups	1.791	2.426	2.99	3.057	3.123	2.475	100.0%		
total	59.505	61.408	62.425	63.244	64.063	61.363	100.0%		

Load duration: 184.570534945  
Full duration: 253.34465313

test scenario NovaServers.pause\_and\_unpause\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	7.448	9.26	10.374	10.502	10.629	9.397	100.0%	10	
nova.pause_server	2.424	3.161	3.286	3.379	3.472	3.026	100.0%	10	
nova.unpause_server	2.773	3.096	3.242	3.272	3.303	3.035	100.0%	10	
nova.delete_server	2.878	3.224	3.526	3.553	3.58	3.191	100.0%	10	
total	15.943	18.76	19.747	19.77	19.793	18.65	100.0%	10	

Load duration: 56.3870060444  
Full duration: 124.540560007

test scenario NovaServers.boot\_server\_from\_volume

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	9.453	10.083	10.563	10.801	11.039	10.104	100.0%	10
nova.boot_server	9.213	10.415	10.885	11.116	11.346	10.301	100.0%	10
total	18.667	20.779	21.44	21.628	21.816	20.405	100.0%	10

Load duration: 60.3854188919  
Full duration: 124.319462061

test scenario NovaServers.boot\_and\_list\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	8.037	9.396	10.043	10.516	10.989	9.351	100.0%	10
nova.list_servers	0.654	1.026	1.113	1.156	1.198	0.988	100.0%	10
total	8.984	10.311	11.119	11.575	12.032	10.339	100.0%	10

Load duration: 31.5458390713  
Full duration: 114.252287149

run\_rally - INFO - Test scenario: "nova" OK.

run\_rally - INFO - Starting test scenario "quotas" ...  
run\_rally - INFO -  
Preparing input task  
Task 5d3885f2-1759-48e8-9284-c14f3492c4f3: started  
Task 5d3885f2-1759-48e8-9284-c14f3492c4f3: finished

test scenario Quotas.cinder\_update

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	1.126	1.235	1.607	1.612	1.618	1.297	100.0%	10
total	1.126	1.235	1.607	1.613	1.618	1.297	100.0%	10

Load duration: 3.74135613441  
Full duration: 16.1623110771

test scenario Quotas.neutron\_update

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.407	0.429	0.526	0.528	0.531	0.447	100.0%	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

```
| total          | 0.552 | 0.586 | 0.666 | 0.671 | 0.676 | 0.599 | 100.0% | 10 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.82448792458
Full duration: 13.357311964

test scenario Quotas.cinder_update_and_delete
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     | Response Times (sec) |                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min    | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 1.093 | 1.146 | 1.27   | 1.276  | 1.282  | 1.177  | 100.0% | 10    |
| quotas.delete_quotas | 0.536 | 0.907 | 0.975  | 1.01   | 1.046  | 0.862  | 100.0% | 10    |
| total          | 1.67   | 2.089 | 2.177  | 2.184  | 2.192  | 2.039  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 6.09977889061
Full duration: 18.3411080837

test scenario Quotas.nova_update_and_delete
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     | Response Times (sec) |                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min    | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.58   | 0.636 | 0.718  | 0.764  | 0.81   | 0.652  | 100.0% | 10    |
| quotas.delete_quotas | 0.018  | 0.026 | 0.035  | 0.039  | 0.043  | 0.028  | 100.0% | 10    |
| total          | 0.616  | 0.657 | 0.741  | 0.793  | 0.844  | 0.68   | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.00378704071
Full duration: 13.8784749508

test scenario Quotas.nova_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     | Response Times (sec) |                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min    | median | 90%ile | 95%ile | max    | avg    | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.583  | 0.637 | 0.914  | 1.049  | 1.185  | 0.713  | 100.0% | 10    |
| total          | 0.583  | 0.637 | 0.914  | 1.05   | 1.186  | 0.713  | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.00103402138
Full duration: 13.8432979584

run_rally - INFO - Test scenario: "quotas" OK.

run_rally - INFO - Starting test scenario "requests" ...
run_rally - INFO -
  Preparing input task
  Task 6e9ed029-0497-4707-a4d4-c83a848e12e4: started
  Task 6e9ed029-0497-4707-a4d4-c83a848e12e4: finished
```

```

test scenario HttpRequests.check_random_request
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| requests.check_request | 0.044 | 0.183  | 0.349  | 0.376  | 0.402 | 0.201 | 100.0% | 10   |
| total          | 0.045 | 0.183  | 0.349  | 0.376  | 0.403 | 0.201 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.716305971146
Full duration: 5.89718389511

test scenario HttpRequests.check_request
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| requests.check_request | 0.044 | 0.046  | 0.052  | 0.053  | 0.054 | 0.048 | 100.0% | 10   |
| total          | 0.044 | 0.046  | 0.052  | 0.053  | 0.054 | 0.048 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.182355165482
Full duration: 5.23191189766

run_rally - INFO - Test scenario: "requests" OK.

run_rally - INFO -

Rally Summary Report
+-----+-----+-----+-----+-----+
| Module          | Duration | nb. Test Run | Success |
+-----+-----+-----+-----+-----+
| authenticate    | 00:58   | 10           | 100.00% |
+-----+-----+-----+-----+-----+
| glance          | 03:31   | 7           | 100.00% |
+-----+-----+-----+-----+-----+
| cinder          | 22:25   | 50          | 100.00% |
+-----+-----+-----+-----+-----+
| heat            | 10:53   | 35          | 100.00% |
+-----+-----+-----+-----+-----+
| keystone        | 02:39   | 29          | 100.00% |
+-----+-----+-----+-----+-----+
| neutron         | 10:30   | 31          | 100.00% |
+-----+-----+-----+-----+-----+
| nova            | 44:31   | 61          | 100.00% |
+-----+-----+-----+-----+-----+
| quotas          | 01:15   | 7           | 100.00% |
+-----+-----+-----+-----+-----+
| requests        | 00:11   | 2           | 100.00% |
+-----+-----+-----+-----+-----+
| TOTAL:          | 01:36:57 | 232        | 100.00% |
+-----+-----+-----+-----+-----+

```

## 3.23 SDN Controller

### 3.23.1 ONOS

```
FUNCTEST.info: Running ONOS test case...
FUNCvirNetNB - INFO - Creating component Handle: ONOSrest
*****
CASE INIT
*****

['ONOSrest']

*****
Result summary for Testcase2
*****

[2016-02-21 09:55:56.965174] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Network Post
[2016-02-21 09:55:56.965727] [FUNCvirNetNB] [STEP] 2.1: Generate Post Data
[2016-02-21 09:55:56.966454] [FUNCvirNetNB] [STEP] 2.2: Post Data via HTTP
[2016-02-21 09:55:57.006264] [FUNCvirNetNB] [STEP] 2.3: Get Data via HTTP
[2016-02-21 09:55:57.037745] [FUNCvirNetNB] [STEP] 2.4: Compare Send Id and Get Id

*****
Result: Pass
*****

*****
Result summary for Testcase3
*****

[2016-02-21 09:55:57.048240] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Network Update
[2016-02-21 09:55:57.048783] [FUNCvirNetNB] [STEP] 3.1: Generate Post Data
[2016-02-21 09:55:57.049571] [FUNCvirNetNB] [STEP] 3.2: Post Data via HTTP
[2016-02-21 09:55:57.056744] [FUNCvirNetNB] [STEP] 3.3: Update Data via HTTP
[2016-02-21 09:55:57.064248] [FUNCvirNetNB] [STEP] 3.4: Get Data via HTTP
[2016-02-21 09:55:57.072845] [FUNCvirNetNB] [STEP] 3.5: Compare Update data.

*****
Result: Pass
*****

*****
Result summary for Testcase4
*****

[2016-02-21 09:55:57.084363] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Network Delete
[2016-02-21 09:55:57.084882] [FUNCvirNetNB] [STEP] 4.1: Generate Post Data
[2016-02-21 09:55:57.085617] [FUNCvirNetNB] [STEP] 4.2: Post Data via HTTP
[2016-02-21 09:55:57.093018] [FUNCvirNetNB] [STEP] 4.3: Delete Data via HTTP
[2016-02-21 09:55:57.099770] [FUNCvirNetNB] [STEP] 4.4: Get Data is NULL

*****
Result: Pass
*****
```

```
*****
Result summary for Testcase5
*****
```

```
[2016-02-21 09:56:02.115745] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Subnet Post
[2016-02-21 09:56:02.116339] [FUNCvirNetNB] [STEP] 5.1: Generate Post Data
[2016-02-21 09:56:02.117459] [FUNCvirNetNB] [STEP] 5.2: Post Network Data via HTTP(Post Subnet need
[2016-02-21 09:56:02.126052] [FUNCvirNetNB] [STEP] 5.3: Post Subnet Data via HTTP
[2016-02-21 09:56:02.159577] [FUNCvirNetNB] [STEP] 5.4: Get Subnet Data via HTTP
[2016-02-21 09:56:02.172655] [FUNCvirNetNB] [STEP] 5.5: Compare Post Subnet Data via HTTP
```

```
*****
Result: Pass
*****
```

```
*****
Result summary for Testcase6
*****
```

```
[2016-02-21 09:56:02.183187] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Subnet Update
[2016-02-21 09:56:02.183876] [FUNCvirNetNB] [STEP] 6.1: Generate Post Data
[2016-02-21 09:56:02.184887] [FUNCvirNetNB] [STEP] 6.2: Post Network Data via HTTP(Post Subnet need
[2016-02-21 09:56:02.192777] [FUNCvirNetNB] [STEP] 6.3: Post Subnet Data via HTTP
[2016-02-21 09:56:02.201349] [FUNCvirNetNB] [STEP] 6.4: Update Subnet Data via HTTP
[2016-02-21 09:56:02.209629] [FUNCvirNetNB] [STEP] 6.5: Get Subnet Data via HTTP
[2016-02-21 09:56:02.216700] [FUNCvirNetNB] [STEP] 6.6: Compare Subnet Data
[2016-02-21 09:56:02.217492] [FUNCvirNetNB] [STEP] 6.7: Delete Subnet via HTTP
```

```
*****
Result: Pass
*****
```

```
*****
Result summary for Testcase7
*****
```

```
[2016-02-21 09:56:02.227738] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Subnet Delete
[2016-02-21 09:56:02.228309] [FUNCvirNetNB] [STEP] 7.1: Generate Post Data
[2016-02-21 09:56:02.229188] [FUNCvirNetNB] [STEP] 7.2: Post Network Data via HTTP(Post Subnet need
[2016-02-21 09:56:02.237036] [FUNCvirNetNB] [STEP] 7.3: Post Subnet Data via HTTP
[2016-02-21 09:56:02.245482] [FUNCvirNetNB] [STEP] 7.4: Delete Subnet Data via HTTP
[2016-02-21 09:56:02.253076] [FUNCvirNetNB] [STEP] 7.5: Get Subnet Data is NULL
```

```
*****
Result: Pass
*****
```

```
*****
Result summary for Testcase8
*****
```

```
[2016-02-21 09:56:07.269037] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Port Post
[2016-02-21 09:56:07.269689] [FUNCvirNetNB] [STEP] 8.1: Generate Post Data
[2016-02-21 09:56:07.270772] [FUNCvirNetNB] [STEP] 8.2: Post Network Data via HTTP(Post port need po
[2016-02-21 09:56:07.279440] [FUNCvirNetNB] [STEP] 8.3: Post Subnet Data via HTTP(Post port need po
```

```
[2016-02-21 09:56:07.287800] [FUNCvirNetNB] [STEP] 8.4: Post Port Data via HTTP
[2016-02-21 09:56:07.296863] [FUNCvirNetNB] [STEP] 8.5: Get Port Data via HTTP
[2016-02-21 09:56:07.306388] [FUNCvirNetNB] [STEP] 8.6: Compare Post Port Data
[2016-02-21 09:56:07.307677] [FUNCvirNetNB] [STEP] 8.7: Clean Data via HTTP
```

```
*****
Result: Pass
*****
```

```
*****
Result summary for Testcase9
*****
```

```
[2016-02-21 09:56:07.318023] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Port Update
[2016-02-21 09:56:07.318708] [FUNCvirNetNB] [STEP] 9.1: Generate Post Data
[2016-02-21 09:56:07.320149] [FUNCvirNetNB] [STEP] 9.2: Post Network Data via HTTP(Post port need po
[2016-02-21 09:56:07.327326] [FUNCvirNetNB] [STEP] 9.3: Post Subnet Data via HTTP(Post port need po
[2016-02-21 09:56:07.336517] [FUNCvirNetNB] [STEP] 9.4: Post Port Data via HTTP
[2016-02-21 09:56:07.345702] [FUNCvirNetNB] [STEP] 9.5: Update Port Data via HTTP
[2016-02-21 09:56:07.354021] [FUNCvirNetNB] [STEP] 9.6: Get Port Data via HTTP
[2016-02-21 09:56:07.360429] [FUNCvirNetNB] [STEP] 9.7: Compare Update Port Data
[2016-02-21 09:56:07.361666] [FUNCvirNetNB] [STEP] 9.8: Clean Data via HTTP
```

```
*****
Result: Pass
*****
```

```
*****
Result summary for Testcase10
*****
```

```
[2016-02-21 09:56:07.372086] [FUNCvirNetNB] [CASE] Virtual Network NBI Test - Port Delete
[2016-02-21 09:56:07.372739] [FUNCvirNetNB] [STEP] 10.1: Generate Post Data
[2016-02-21 09:56:07.373778] [FUNCvirNetNB] [STEP] 10.2: Post Network Data via HTTP(Post port need p
[2016-02-21 09:56:07.380739] [FUNCvirNetNB] [STEP] 10.3: Post Subnet Data via HTTP(Post port need p
[2016-02-21 09:56:07.388862] [FUNCvirNetNB] [STEP] 10.4: Post Port Data via HTTP
[2016-02-21 09:56:07.396014] [FUNCvirNetNB] [STEP] 10.5: Delete Port Data via HTTP
[2016-02-21 09:56:07.417621] [FUNCvirNetNB] [STEP] 10.6: Get Port Data is NULL
[2016-02-21 09:56:12.430407] [FUNCvirNetNB] [STEP] 10.7: Clean Data via HTTP
```

```
*****
Result: Pass
*****
```

```
*****
Test Execution Summary
*****
```

```
Test Start      : 21 Feb 2016 09:55:56
Test End        : 21 Feb 2016 09:56:12
Execution Time   : 0:00:15.628718
Total tests planned : 9
Total tests RUN   : 9
```



```

Total Pass          : 9
Total Fail          : 0
Total No Result     : 0
Success Percentage  : 100%
Execution Result    : 100%

*****
CASE INIT
*****

['ONOSrest']

*****
Result summary for Testcase2
*****

[2016-02-21 09:56:12.836955] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - Router Post
[2016-02-21 09:56:12.838221] [FUNCvirNetNBL3] [STEP] 2.1: Post Network Data via HTTP(Post Router nee
[2016-02-21 09:56:12.873649] [FUNCvirNetNBL3] [STEP] 2.2: Post Router Data via HTTP
[2016-02-21 09:56:12.881751] [FUNCvirNetNBL3] [STEP] 2.3: Get Router Data via HTTP
[2016-02-21 09:56:12.914578] [FUNCvirNetNBL3] [STEP] 2.4: Compare Post Router Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase3
*****

[2016-02-21 09:56:12.930658] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - Router Update
[2016-02-21 09:56:12.931841] [FUNCvirNetNBL3] [STEP] 3.1: Post Network Data via HTTP(Post Router nee
[2016-02-21 09:56:12.939584] [FUNCvirNetNBL3] [STEP] 3.2: Post Router Data via HTTP
[2016-02-21 09:56:12.946895] [FUNCvirNetNBL3] [STEP] 3.3: Update Router Data via HTTP
[2016-02-21 09:56:12.953601] [FUNCvirNetNBL3] [STEP] 3.4: Get Router Data via HTTP
[2016-02-21 09:56:12.959887] [FUNCvirNetNBL3] [STEP] 3.5: Compare Router Data
[2016-02-21 09:56:12.961048] [FUNCvirNetNBL3] [STEP] 3.6: Delete Router via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase4
*****

[2016-02-21 09:56:12.970433] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - Router Delete
[2016-02-21 09:56:12.971622] [FUNCvirNetNBL3] [STEP] 4.1: Post Network Data via HTTP(Post Router nee
[2016-02-21 09:56:12.979473] [FUNCvirNetNBL3] [STEP] 4.2: Post Router Data via HTTP
[2016-02-21 09:56:12.986263] [FUNCvirNetNBL3] [STEP] 4.3: Delete Router Data via HTTP
[2016-02-21 09:56:12.992190] [FUNCvirNetNBL3] [STEP] 4.4: Get Router Data is NULL
Verify the Router status

*****

```

```
Result: Pass
*****

*****
Result summary for Testcase5
*****

[2016-02-21 09:56:18.008957] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - RouterInterface Post
[2016-02-21 09:56:18.010175] [FUNCvirNetNBL3] [STEP] 5.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:18.018296] [FUNCvirNetNBL3] [STEP] 5.2: Post Subnet Data via HTTP(Post port need p
[2016-02-21 09:56:18.026382] [FUNCvirNetNBL3] [STEP] 5.3: Post Port Data via HTTP
[2016-02-21 09:56:18.034099] [FUNCvirNetNBL3] [STEP] 5.4: Post Router Data via HTTP
[2016-02-21 09:56:18.040193] [FUNCvirNetNBL3] [STEP] 5.5: Put RouterInterface Data via HTTP
[2016-02-21 09:56:18.047317] [FUNCvirNetNBL3] [STEP] 5.6: Get RouterInterface Data via HTTP
[2016-02-21 09:56:18.053592] [FUNCvirNetNBL3] [STEP] 5.7: Compare Post Port Data
[2016-02-21 09:56:18.055253] [FUNCvirNetNBL3] [STEP] 5.8: Del RouterInterface Data via HTTP
[2016-02-21 09:56:18.062038] [FUNCvirNetNBL3] [STEP] 5.9: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase6
*****

[2016-02-21 09:56:18.078391] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - RouterInterface Dele
[2016-02-21 09:56:18.079883] [FUNCvirNetNBL3] [STEP] 6.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:18.087420] [FUNCvirNetNBL3] [STEP] 6.2: Post Subnet Data via HTTP(Post port need p
[2016-02-21 09:56:18.095337] [FUNCvirNetNBL3] [STEP] 6.3: Post Port Data via HTTP
[2016-02-21 09:56:18.103345] [FUNCvirNetNBL3] [STEP] 6.4: Post Router Data via HTTP
[2016-02-21 09:56:18.109767] [FUNCvirNetNBL3] [STEP] 6.5: Post RouterInterface Data via HTTP
[2016-02-21 09:56:18.116024] [FUNCvirNetNBL3] [STEP] 6.6: Del RouterInterface Data via HTTP
[2016-02-21 09:56:18.122686] [FUNCvirNetNBL3] [STEP] 6.7: Delete Port Data via HTTP
[2016-02-21 09:56:18.129655] [FUNCvirNetNBL3] [STEP] 6.8: Get Port Data is NULL
[2016-02-21 09:56:23.145559] [FUNCvirNetNBL3] [STEP] 6.9: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase7
*****

[2016-02-21 09:56:23.164294] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - FloatingIp Post
[2016-02-21 09:56:23.165631] [FUNCvirNetNBL3] [STEP] 7.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:23.173909] [FUNCvirNetNBL3] [STEP] 7.2: Post Subnet Data via HTTP(Post port need p
[2016-02-21 09:56:23.182105] [FUNCvirNetNBL3] [STEP] 7.3: Post Port Data via HTTP
[2016-02-21 09:56:23.189623] [FUNCvirNetNBL3] [STEP] 7.4: Post Router Data via HTTP
[2016-02-21 09:56:23.196108] [FUNCvirNetNBL3] [STEP] 7.5: Get Port Data via HTTP
[2016-02-21 09:56:23.204332] [FUNCvirNetNBL3] [STEP] 7.6: Post FloatingIp Data via HTTP
[2016-02-21 09:56:23.211580] [FUNCvirNetNBL3] [STEP] 7.7: Get Port Data via HTTP
[2016-02-21 09:56:23.218993] [FUNCvirNetNBL3] [STEP] 7.8: Get FloatingIp Data via HTTP
[2016-02-21 09:56:23.251318] [FUNCvirNetNBL3] [STEP] 7.9: Get FloatingIp Data via HTTP
```

```

[2016-02-21 09:56:23.259068] [FUNCvirNetNBL3] [STEP] 7.10: Compare Post FloatingIp Data
[2016-02-21 09:56:23.260001] [FUNCvirNetNBL3] [STEP] 7.11: Post FloatingIp Clean Data via HTTP
[2016-02-21 09:56:23.266784] [FUNCvirNetNBL3] [STEP] 7.12: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase8
*****

[2016-02-21 09:56:23.289110] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - FloatingIp Update
[2016-02-21 09:56:23.291300] [FUNCvirNetNBL3] [STEP] 8.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:23.299318] [FUNCvirNetNBL3] [STEP] 8.2: Post Subnet Data via HTTP(Post port need p
[2016-02-21 09:56:23.307738] [FUNCvirNetNBL3] [STEP] 8.3: Post Port Data via HTTP
[2016-02-21 09:56:23.315822] [FUNCvirNetNBL3] [STEP] 8.4: Post Router Data via HTTP
[2016-02-21 09:56:23.322853] [FUNCvirNetNBL3] [STEP] 8.5: Post FloatingIp Data via HTTP
[2016-02-21 09:56:23.329316] [FUNCvirNetNBL3] [STEP] 8.6: Post Delete Data via HTTP
[2016-02-21 09:56:23.337183] [FUNCvirNetNBL3] [STEP] 8.7: Post NewPort Data via HTTP
[2016-02-21 09:56:23.345756] [FUNCvirNetNBL3] [STEP] 8.8: Post NewFloatingIp Data via HTTP
[2016-02-21 09:56:23.353311] [FUNCvirNetNBL3] [STEP] 8.9: Get NewFloatingIp Data via HTTP
[2016-02-21 09:56:23.384949] [FUNCvirNetNBL3] [STEP] 8.10: Compare Post FloatingIp Data
[2016-02-21 09:56:23.385934] [FUNCvirNetNBL3] [STEP] 8.11: Post FloatingIp Clean Data via HTTP
[2016-02-21 09:56:23.392515] [FUNCvirNetNBL3] [STEP] 8.12: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase9
*****

[2016-02-21 09:56:23.416898] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - FloatingIp Delete
[2016-02-21 09:56:23.418399] [FUNCvirNetNBL3] [STEP] 9.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:23.425551] [FUNCvirNetNBL3] [STEP] 9.2: Post Subnet Data via HTTP(Post port need p
[2016-02-21 09:56:23.433217] [FUNCvirNetNBL3] [STEP] 9.3: Post Port Data via HTTP
[2016-02-21 09:56:23.440717] [FUNCvirNetNBL3] [STEP] 9.4: Post Router Data via HTTP
[2016-02-21 09:56:23.447116] [FUNCvirNetNBL3] [STEP] 9.5: Post FloatingIp Data via HTTP
[2016-02-21 09:56:23.454356] [FUNCvirNetNBL3] [STEP] 9.6: Post FloatingIp Clean Data via HTTP
[2016-02-21 09:56:23.465800] [FUNCvirNetNBL3] [STEP] 9.7: Get FloatingIp Data is NULL
[2016-02-21 09:56:28.479269] [FUNCvirNetNBL3] [STEP] 9.8: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase10
*****

[2016-02-21 09:56:28.496538] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - Gateway Post
[2016-02-21 09:56:28.498465] [FUNCvirNetNBL3] [STEP] 10.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:28.507466] [FUNCvirNetNBL3] [STEP] 10.2: Post Subnet Data via HTTP(Post port need

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

```
[2016-02-21 09:56:28.515564] [FUNCvirNetNBL3] [STEP] 10.3: Post Port Data via HTTP
[2016-02-21 09:56:28.522598] [FUNCvirNetNBL3] [STEP] 10.4: Post Router Data via HTTP
[2016-02-21 09:56:28.528755] [FUNCvirNetNBL3] [STEP] 10.5: Get Gateway Data via HTTP
[2016-02-21 09:56:28.536142] [FUNCvirNetNBL3] [STEP] 10.6: Compare Post Gateway Data
[2016-02-21 09:56:28.537198] [FUNCvirNetNBL3] [STEP] 10.7: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase11
*****

[2016-02-21 09:56:28.553805] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - Gateway Update
[2016-02-21 09:56:28.555461] [FUNCvirNetNBL3] [STEP] 11.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:28.562664] [FUNCvirNetNBL3] [STEP] 11.2: Post Subnet Data via HTTP(Post port need
[2016-02-21 09:56:28.570094] [FUNCvirNetNBL3] [STEP] 11.3: Post Port Data via HTTP
[2016-02-21 09:56:28.577203] [FUNCvirNetNBL3] [STEP] 11.4: Post Router Data via HTTP
[2016-02-21 09:56:28.583265] [FUNCvirNetNBL3] [STEP] 11.5: Post New Router Data via HTTP
[2016-02-21 09:56:28.589203] [FUNCvirNetNBL3] [STEP] 11.6: Get Gateway Data via HTTP
[2016-02-21 09:56:28.594700] [FUNCvirNetNBL3] [STEP] 11.7: Compare Post Gateway Data
[2016-02-21 09:56:28.595799] [FUNCvirNetNBL3] [STEP] 11.8: Clean Data via HTTP

*****
Result: Pass
*****

*****
Result summary for Testcase12
*****

[2016-02-21 09:56:28.611322] [FUNCvirNetNBL3] [CASE] Virtual Network NBI Test - Gateway Delete
[2016-02-21 09:56:28.612734] [FUNCvirNetNBL3] [STEP] 12.1: Post Network Data via HTTP(Post port need
[2016-02-21 09:56:28.620160] [FUNCvirNetNBL3] [STEP] 12.2: Post Subnet Data via HTTP(Post port need
[2016-02-21 09:56:28.628079] [FUNCvirNetNBL3] [STEP] 12.3: Post Port Data via HTTP
[2016-02-21 09:56:28.635761] [FUNCvirNetNBL3] [STEP] 12.4: Post Router Data via HTTP
[2016-02-21 09:56:28.642664] [FUNCvirNetNBL3] [STEP] 12.5: Post Del Gateway Data via HTTP
[2016-02-21 09:56:28.648775] [FUNCvirNetNBL3] [STEP] 12.6: Get Gateway Data via HTTP
[2016-02-21 09:56:28.654590] [FUNCvirNetNBL3] [STEP] 12.7: If Gateway Data is NULL
[2016-02-21 09:56:33.660980] [FUNCvirNetNBL3] [STEP] 12.8: Clean Data via HTTP

*****
Result: Pass
*****

*****
Test Execution Summary
*****

Test Start      : 21 Feb 2016 09:56:12
Test End        : 21 Feb 2016 09:56:33
Execution Time  : 0:00:20.999784
```

```
Total tests planned : 11
Total tests RUN      : 11
Total Pass           : 11
Total Fail           : 0
Total No Result      : 0
Success Percentage   : 100%
Execution Result     : 100%
```

## 3.24 Feature tests

### 3.24.1 Promise

```
FUNCTEST.info: Running PROMISE test case...
Promise- INFO - Creating tenant 'promise'...
Promise- INFO - Adding role '9d0a0a36d3d54cdcb4cd3c29c5f79a28' to tenant 'promise'...
Promise- INFO - Creating user 'promiser'...
Promise- INFO - Updating OpenStack credentials...
Promise- INFO - Creating image 'promise-img' from '/home/opnfv/funcstest/data/cirros-0.3.4-x86_64-disk.img'...
Promise- INFO - Creating flavor 'promise-flavor'...
Promise- INFO - Exporting environment variables...
Promise- INFO - Running command: npm run -s test -- --reporter json
Promise- INFO - The test succeeded.
Promise- DEBUG -
{
  "stats": {
    "suites": 23,
    "tests": 33,
    "passes": 33,
    "pending": 0,
    "failures": 0,
    "start": "2016-02-21T09:56:46.846Z",
    "end": "2016-02-21T09:56:51.847Z",
    "duration": 5524
  },
  "tests": [
    {
      "title": "should add a new OpenStack provider without error",
      "fullTitle": "promise register OpenStack into resource pool add-provider should add a new OpenStack provider without error",
      "duration": 1217,
      "err": {}
    },
    {
      "title": "should update promise.providers with a new entry",
      "fullTitle": "promise register OpenStack into resource pool add-provider should update promise.providers with a new entry",
      "duration": 10,
      "err": {}
    },
    {
      "title": "should contain a new ResourceProvider record in the store",
      "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new ResourceProvider record in the store",
      "duration": 0,
      "err": {}
    },
    {
      "title": "should add more capacity to the reservation service without error",
      "fullTitle": "promise register OpenStack into resource pool add-provider should add more capacity to the reservation service without error",
      "duration": 0,
      "err": {}
    }
  ]
}
```

```
"fullTitle": "promise register OpenStack into resource pool increase-capacity should add more o
"duration": 25,
"err": {}
},
{
  "title": "should update promise.pools with a new entry",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should update pro
  "duration": 1,
  "err": {}
},
{
  "title": "should contain a ResourcePool record in the store",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a
  "duration": 0,
  "err": {}
},
{
  "title": "should report total collections and utilizations",
  "fullTitle": "promise register OpenStack into resource pool query-capacity should report total
  "duration": 18,
  "err": {}
},
{
  "title": "should contain newly added capacity pool",
  "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly
  "duration": 8,
  "err": {}
},
{
  "title": "should create a new server in target provider without error",
  "fullTitle": "promise allocation without reservation create-instance should create a new server
  "duration": 1768,
  "err": {}
},
{
  "title": "should update promise.allocations with a new entry",
  "fullTitle": "promise allocation without reservation create-instance should update promise.all
  "duration": 2,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation without reservation create-instance should contain a new Resou
  "duration": 0,
  "err": {}
},
{
  "title": "should reference the created server ID from the provider",
  "fullTitle": "promise allocation without reservation create-instance should reference the creat
  "duration": 1,
  "err": {}
},
{
  "title": "should have low priority state",
  "fullTitle": "promise allocation without reservation create-instance should have low priority s
  "duration": 0,
  "err": {}
},
},
```

```

{
  "title": "should create reservation record (no start/end) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 41,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 7,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
  "duration": 0,
  "err": {}
},
{
  "title": "should create a new server in target provider (with reservation) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should cr",
  "duration": 1617,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should co",
  "duration": 1,
  "err": {}
},
{
  "title": "should be referenced in the reservation record",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should be",
  "duration": 7,
  "err": {}
},
{
  "title": "should have high priority state",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should hav",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (for future) without error",
  "fullTitle": "promise reservation for future use create-reservation should create reservation r",
  "duration": 75,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise reservation for future use create-reservation should update promise.reser",
  "duration": 17,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise reservation for future use create-reservation should contain a new Resour",
  "duration": 0,

```

```

    "err": {}
  },
  {
    "title": "should contain newly created future reservation",
    "fullTitle": "promise reservation for future use query-reservation should contain newly created",
    "duration": 61,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use update-reservation should modify existing res",
    "duration": 65,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use cancel-reservation should modify existing res",
    "duration": 17,
    "err": {}
  },
  {
    "title": "should no longer contain record of the deleted reservation",
    "fullTitle": "promise reservation for future use cancel-reservation should no longer contain re",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should decrease available capacity from a provider in the future",
    "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity fr",
    "duration": 15,
    "err": {}
  },
  {
    "title": "should increase available capacity from a provider in the future",
    "fullTitle": "promise capacity planning increase-capacity should increase available capacity fr",
    "duration": 11,
    "err": {}
  },
  {
    "title": "should report available collections and utilizations",
    "fullTitle": "promise capacity planning query-capacity should report available collections and",
    "duration": 56,
    "err": {}
  },
  {
    "title": "should fail to create immediate reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create immedi",
    "duration": 60,
    "err": {}
  },
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future",
    "duration": 38,
    "err": {}
  },
  {
    "title": "should successfully destroy all allocations",

```



```

    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all",
    "duration": 361,
    "err": {}
  }
],
"pending": [],
"failures": [],
"passes": [
  {
    "title": "should add a new OpenStack provider without error",
    "fullTitle": "promise register OpenStack into resource pool add-provider should add a new OpenS",
    "duration": 1217,
    "err": {}
  },
  {
    "title": "should update promise.providers with a new entry",
    "fullTitle": "promise register OpenStack into resource pool add-provider should update promise",
    "duration": 10,
    "err": {}
  },
  {
    "title": "should contain a new ResourceProvider record in the store",
    "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new R",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should add more capacity to the reservation service without error",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more c",
    "duration": 25,
    "err": {}
  },
  {
    "title": "should update promise.pools with a new entry",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should update pro",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should contain a ResourcePool record in the store",
    "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should report total collections and utilizations",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should report total",
    "duration": 18,
    "err": {}
  },
  {
    "title": "should contain newly added capacity pool",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly",
    "duration": 8,
    "err": {}
  },
  {
    "title": "should create a new server in target provider without error",

```

```

    "fullTitle": "promise allocation without reservation create-instance should create a new server",
    "duration": 1768,
    "err": {}
  },
  {
    "title": "should update promise.allocations with a new entry",
    "fullTitle": "promise allocation without reservation create-instance should update promise.all",
    "duration": 2,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation without reservation create-instance should contain a new Resou",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should reference the created server ID from the provider",
    "fullTitle": "promise allocation without reservation create-instance should reference the creat",
    "duration": 1,
    "err": {}
  },
  {
    "title": "should have low priority state",
    "fullTitle": "promise allocation without reservation create-instance should have low priority s",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (no start/end) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 41,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 7,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create a new server in target provider (with reservation) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should cre",
    "duration": 1617,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should con",
    "duration": 1,
    "err": {}
  },
  },

```

```

{
  "title": "should be referenced in the reservation record",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should be",
  "duration": 7,
  "err": {}
},
{
  "title": "should have high priority state",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should hav",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (for future) without error",
  "fullTitle": "promise reservation for future use create-reservation should create reservation r",
  "duration": 75,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise reservation for future use create-reservation should update promise.reser",
  "duration": 17,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise reservation for future use create-reservation should contain a new Resour",
  "duration": 0,
  "err": {}
},
{
  "title": "should contain newly created future reservation",
  "fullTitle": "promise reservation for future use query-reservation should contain newly create",
  "duration": 61,
  "err": {}
},
{
  "title": "should modify existing reservation without error",
  "fullTitle": "promise reservation for future use update-reservation should modify existing res",
  "duration": 65,
  "err": {}
},
{
  "title": "should modify existing reservation without error",
  "fullTitle": "promise reservation for future use cancel-reservation should modify existing res",
  "duration": 17,
  "err": {}
},
{
  "title": "should no longer contain record of the deleted reservation",
  "fullTitle": "promise reservation for future use cancel-reservation should no longer contain re",
  "duration": 0,
  "err": {}
},
{
  "title": "should decrease available capacity from a provider in the future",
  "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity fr",
  "duration": 15,

```

```
    "err": {}
  },
  {
    "title": "should increase available capacity from a provider in the future",
    "fullTitle": "promise capacity planning increase-capacity should increase available capacity fr",
    "duration": 11,
    "err": {}
  },
  {
    "title": "should report available collections and utilizations",
    "fullTitle": "promise capacity planning query-capacity should report available collections and",
    "duration": 56,
    "err": {}
  },
  {
    "title": "should fail to create immediate reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create immedi",
    "duration": 60,
    "err": {}
  },
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future",
    "duration": 38,
    "err": {}
  },
  {
    "title": "should successfully destroy all allocations",
    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all",
    "duration": 361,
    "err": {}
  }
]
}
Promise- INFO -
*****
      Promise test report
*****
Suites:    23
Tests:    33
Passes:    33
Pending:   0
Failures:  0
Start:    2016-02-21T09:56:46.846Z
End:      2016-02-21T09:56:51.847Z
Duration: 6.301
*****
```

## 3.25 Detailed test results for apex-os-odl\_l2-nofeature-ha

### 3.26 VIM

#### 3.26.1 vping\_ssh

```

FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-23 07:43:00'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
    name=opnfv-vping-1
    flavor=<Flavor: m1.small>
    image=a0698b8a-e881-4b84-b540-a0324d671c5a
    network=df3509f4-ef3d-4264-9293-9e0688a5c38e
vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
    name=opnfv-vping-2
    flavor=<Flavor: m1.small>
    image=a0698b8a-e881-4b84-b540-a0324d671c5a
    network=df3509f4-ef3d-4264-9293-9e0688a5c38e
vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '172.30.9.201'
vPing_ssh- INFO - Associating floating ip: '172.30.9.201' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 172.30.9.201...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'82.0' s.
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK

```

#### 3.26.2 vping\_userdata

```

FUNCTEST.info: Running vPing-userdata test...
vPing_userdata- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_userdata- INFO - Creating neutron network vping-net...
vPing_userdata- INFO - Creating security group 'vPing-sg'...
vPing_userdata- INFO - Flavor found 'm1.small'
vPing_userdata- INFO - vPing Start Time:'2016-02-23 07:44:41'
vPing_userdata- INFO - Creating instance 'opnfv-vping-1'...
    name=opnfv-vping-1
    flavor=<Flavor: m1.small>
    image=78cd8dbf-54fb-43ce-9f19-7801130b5a99
    network=a030c4ca-00ea-4913-bbec-505eaca9f5ff
vPing_userdata- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_userdata- INFO - Creating instance 'opnfv-vping-2'...
    name=opnfv-vping-2
    flavor=<Flavor: m1.small>
    image=78cd8dbf-54fb-43ce-9f19-7801130b5a99

```



```

| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_with_
| tempest.api.compute.security_groups.test_security_groups.SecurityGroupsTestJSON.test_security_group
| tempest.api.compute.servers.test_create_server.ServersTestManualDisk.test_host_name_is_same_as_serv
| tempest.api.compute.servers.test_create_server.ServersTestManualDisk.test_list_servers
| tempest.api.compute.servers.test_create_server.ServersTestManualDisk.test_list_servers_with_detail
| tempest.api.compute.servers.test_create_server.ServersTestManualDisk.test_verify_created_server_vcp
| tempest.api.compute.servers.test_create_server.ServersTestManualDisk.test_verify_server_details
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_server_with_admin_password
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_specify_keypair
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_with_existing_server_name
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_access_server_address
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_server_name
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_services.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixe
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_float
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIPv6TestAttrs.test_show_subnet
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_list_update_show_delete_secur
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_create_show_delete_security_group_ru
| tempest.api.network.test_security_groups.SecGroupIPv6Test.test_list_security_groups
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_ima
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern

```

```

+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-2307:46:13.668289', 'duration': 695, 'tests': 70}
run_tempest - INFO - Pushing results to DB: 'http://testresults.opnfv.org/testapi/results'.
run_tempest - INFO - Deleting tenant and user for Tempest suite)
    
```

### 3.26.4 Rally

```

FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...

Preparing input task
Task 7ac7e940-ea41-4f7d-9cca-facd241c0d42: started
Task 7ac7e940-ea41-4f7d-9cca-facd241c0d42: finished

test scenario Authenticate.validate_glance
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.14  | 0.147  | 0.19   | 0.23   | 0.27  | 0.164 | 100.0% | 10    |
| authenticate.validate_glance (2)    | 0.027 | 0.085  | 0.091  | 0.097  | 0.103 | 0.081 | 100.0% | 10    |
| total                                | 0.24  | 0.324  | 0.449  | 0.497  | 0.544 | 0.354 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.991291999817
Full duration: 3.52114295959

test scenario Authenticate.keystone
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| total  | 0.062 | 0.071  | 0.092  | 0.093  | 0.093 | 0.075 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.256750106812
Full duration: 3.22034788132

test scenario Authenticate.validate_heat
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_heat           | 0.079 | 0.083  | 0.086  | 0.089  | 0.091 | 0.083 | 100.0% | 10    |
| authenticate.validate_heat (2)      | 0.073 | 0.083  | 0.088  | 0.088  | 0.088 | 0.082 | 100.0% | 10    |
| total                                | 0.219 | 0.235  | 0.273  | 0.281  | 0.289 | 0.247 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 0.758399963379
Full duration: 3.36240792274

test scenario Authenticate.validate_nova
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    
```



FuncTest test results, Release brahmaputra.3.0 (41850cb)

authenticate.validate_nova	0.08	0.095	0.164	0.194	0.225	0.116	100.0%	10
authenticate.validate_nova (2)	0.018	0.024	0.032	0.035	0.037	0.025	100.0%	10
total	0.172	0.198	0.261	0.297	0.333	0.221	100.0%	10
-----								
Load duration: 0.659279108047								
Full duration: 3.35535907745								
test scenario Authenticate.validate_cinder								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
authenticate.validate_cinder	0.073	0.079	0.092	0.094	0.097	0.082	100.0%	10
authenticate.validate_cinder (2)	0.013	0.082	0.149	0.265	0.381	0.106	100.0%	10
total	0.152	0.241	0.344	0.464	0.585	0.272	100.0%	10
-----								
Load duration: 0.793002128601								
Full duration: 3.46288895607								
test scenario Authenticate.validate_neutron								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
authenticate.validate_neutron	0.082	0.095	0.115	0.137	0.159	0.1	100.0%	10
authenticate.validate_neutron (2)	0.018	0.089	0.103	0.104	0.105	0.072	100.0%	10
total	0.177	0.243	0.29	0.321	0.353	0.247	100.0%	10
-----								
Load duration: 0.788791894913								
Full duration: 3.39974403381								
run_rally - INFO - Test scenario: "authenticate" OK.								
run_rally - INFO - Starting test scenario "glance" ...								
Preparing input task								
Task 56b5e198-2c90-4440-a9bf-b098659c5783: started								
Task 56b5e198-2c90-4440-a9bf-b098659c5783: finished								
test scenario GlanceImages.list_images								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								
glance.list_images	0.226	0.256	0.328	0.335	0.343	0.268	100.0%	10
total	0.226	0.256	0.328	0.336	0.343	0.268	100.0%	10
-----								
Load duration: 0.82669711113								
Full duration: 4.65047502518								
test scenario GlanceImages.create_image_and_boot_instances								
-----								
Response Times (sec)								
-----								
action	min	median	90%ile	95%ile	max	avg	success	count
-----								

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

glance.create_image	3.917	4.559	4.731	4.819	4.906	4.469	100.0%	10	
nova.boot_servers	5.082	8.269	10.835	11.119	11.402	8.596	100.0%	10	
total	9.684	12.929	15.683	15.704	15.725	13.065	100.0%	10	

Load duration: 38.0555651188  
Full duration: 65.7321281433

test scenario GlanceImages.create\_and\_list\_image

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
glance.create_image	3.631	4.223	4.681	4.717	4.753	4.26	100.0%	10	
glance.list_images	0.03	0.1	0.11	0.132	0.153	0.085	100.0%	10	
total	3.731	4.287	4.781	4.817	4.854	4.345	100.0%	10	

Load duration: 13.4343621731  
Full duration: 20.5471830368

test scenario GlanceImages.create\_and\_delete\_image

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
glance.create_image	3.679	4.522	4.775	4.781	4.786	4.475	100.0%	10	
glance.delete_image	0.68	1.416	1.924	1.945	1.966	1.355	100.0%	10	
total	4.359	5.895	6.659	6.682	6.706	5.83	100.0%	10	

Load duration: 17.0444431305  
Full duration: 21.4709100723

run\_rally - INFO - Test scenario: "glance" OK.  
run\_rally - INFO - Starting test scenario "cinder" ...

Preparing input task

Task 30bb498c-6dda-4d30-bf2d-cf3979a83615: started  
Task 30bb498c-6dda-4d30-bf2d-cf3979a83615: finished

test scenario CinderVolumes.create\_and\_attach\_volume

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	3.361	5.067	5.688	5.748	5.808	4.948	100.0%	10	
cinder.create_volume	2.56	2.856	3.04	3.098	3.156	2.872	100.0%	10	
nova.attach_volume	3.018	3.376	4.145	5.024	5.903	3.65	100.0%	10	
nova.detach_volume	2.643	2.895	3.093	3.156	3.219	2.912	100.0%	10	
cinder.delete_volume	0.517	2.429	2.538	2.676	2.814	2.268	100.0%	10	
nova.delete_server	2.329	2.456	2.645	2.656	2.667	2.468	100.0%	10	
total	17.686	19.384	20.284	20.286	20.288	19.117	100.0%	10	

Load duration: 56.4022140503  
Full duration: 68.9135789871

test scenario CinderVolumes.create\_and\_list\_volume

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	5.146	5.432	5.632	5.652	5.673	5.415	100.0%	10
cinder.list_volumes	0.034	0.115	0.135	0.135	0.135	0.096	100.0%	10
total	5.18	5.507	5.747	5.772	5.797	5.511	100.0%	10
Load duration: 16.3556389809								
Full duration: 27.6093170643								
test scenario CinderVolumes.create_and_list_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.773	2.959	3.11	3.137	3.165	2.955	100.0%	10
cinder.list_volumes	0.028	0.127	0.202	0.219	0.237	0.111	100.0%	10
total	2.812	3.033	3.293	3.298	3.302	3.066	100.0%	10
Load duration: 9.06200098991								
Full duration: 19.9587731361								
test scenario CinderVolumes.create_and_list_snapshots								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_snapshot	2.482	4.642	4.889	4.91	4.931	4.296	100.0%	10
cinder.list_snapshots	0.013	0.096	0.107	0.134	0.162	0.079	100.0%	10
total	2.583	4.772	4.95	4.967	4.984	4.375	100.0%	10
Load duration: 12.2352650166								
Full duration: 44.3921279907								
test scenario CinderVolumes.create_and_delete_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.707	2.813	2.903	2.956	3.009	2.825	100.0%	10
cinder.delete_volume	2.407	2.548	2.613	2.626	2.638	2.55	100.0%	10
total	5.191	5.377	5.507	5.532	5.558	5.375	100.0%	10
Load duration: 16.1588079929								
Full duration: 22.6795511246								
test scenario CinderVolumes.create_and_delete_volume								
Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	5.089	5.255	5.753	6.601	7.449	5.494	100.0%	10

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

cinder.delete_volume	2.343	2.456	2.615	2.688	2.761	2.496	100.0%	10	
total	7.471	7.795	8.253	9.073	9.893	7.991	100.0%	10	
-----									
Load duration: 23.303401947									
Full duration: 30.3196620941									
test scenario CinderVolumes.create_and_delete_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	2.724	2.844	2.939	2.963	2.986	2.856	100.0%	10	
cinder.delete_volume	2.353	2.519	2.659	2.718	2.778	2.525	100.0%	10	
total	5.147	5.393	5.45	5.541	5.633	5.381	100.0%	10	
-----									
Load duration: 16.1724491119									
Full duration: 22.9236290455									
test scenario CinderVolumes.create_and_upload_volume_to_image									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	2.726	2.886	3.014	3.047	3.08	2.888	100.0%	10	
cinder.upload_volume_to_image	28.041	44.016	44.644	44.698	44.751	40.726	100.0%	10	
cinder.delete_volume	2.34	2.458	2.551	2.622	2.692	2.452	100.0%	10	
nova.delete_image	0.846	1.837	2.379	2.418	2.456	1.73	100.0%	10	
total	34.983	51.394	51.872	51.877	51.881	47.796	100.0%	10	
-----									
Load duration: 136.222712994									
Full duration: 144.124747038									
test scenario CinderVolumes.create_and_delete_snapshot									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_snapshot	2.51	4.611	4.709	4.787	4.865	4.288	100.0%	10	
cinder.delete_snapshot	2.233	4.443	4.619	4.627	4.634	3.882	100.0%	10	
total	4.981	9.079	9.333	9.362	9.39	8.17	100.0%	10	
-----									
Load duration: 23.2197830677									
Full duration: 42.1724328995									
test scenario CinderVolumes.create_volume									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
cinder.create_volume	2.725	2.887	3.064	3.106	3.149	2.895	100.0%	10	
total	2.725	2.887	3.064	3.106	3.149	2.895	100.0%	10	
-----									
Load duration: 8.62664198875									
Full duration: 18.587531805									

test scenario CinderVolumes.create\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.696	2.857	2.932	2.943	2.954	2.838	100.0%	10
total	2.696	2.857	2.932	2.943	2.954	2.838	100.0%	10

Load duration: 8.48678183556

Full duration: 20.6692960262

test scenario CinderVolumes.list\_volumes

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.list_volumes	0.202	0.275	0.381	0.408	0.435	0.283	100.0%	10
total	0.202	0.275	0.381	0.408	0.435	0.284	100.0%	10

Load duration: 0.910716056824

Full duration: 47.5472760201

test scenario CinderVolumes.create\_nested\_snapshots\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.74	2.894	3.015	3.036	3.056	2.893	100.0%	10
cinder.create_snapshot	2.407	2.549	4.689	4.745	4.802	3.163	100.0%	10
nova.attach_volume	2.856	3.305	5.42	5.647	5.874	3.866	100.0%	10
nova.detach_volume	2.746	3.092	3.492	4.368	5.245	3.261	100.0%	10
cinder.delete_snapshot	2.347	2.508	4.471	4.534	4.596	2.868	100.0%	10
cinder.delete_volume	2.418	2.546	2.956	3.852	4.748	2.758	100.0%	10
total	16.42	18.913	21.766	22.976	24.185	19.181	100.0%	10

Load duration: 55.4410011768

Full duration: 103.909024954

test scenario CinderVolumes.create\_from\_volume\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.821	4.176	7.514	7.588	7.662	4.605	100.0%	10
cinder.delete_volume	2.451	4.688	4.929	4.955	4.981	4.087	100.0%	10
total	5.373	8.93	12.095	12.233	12.37	8.692	100.0%	10

Load duration: 24.4642841816

Full duration: 44.0787379742

test scenario CinderVolumes.create\_and\_extend\_volume

Response Times (sec)								
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## FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.58	2.854	3.055	3.19	3.325	2.89	100.0%	10
cinder.extend_volume	2.55	2.699	2.795	2.849	2.903	2.705	100.0%	10
cinder.delete_volume	2.458	2.516	2.674	2.786	2.898	2.573	100.0%	10
total	7.82	8.198	8.396	8.442	8.488	8.169	100.0%	10

Load duration: 24.4196460247  
Full duration: 31.8590240479

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.748	2.952	3.137	3.199	3.261	2.978	100.0%	10
cinder.create_snapshot	2.472	2.569	4.675	4.696	4.717	3.178	100.0%	10
nova.attach_volume	3.051	3.462	5.38	5.41	5.439	3.956	100.0%	10
nova.detach_volume	2.802	3.058	3.281	3.413	3.546	3.096	100.0%	10
cinder.delete_snapshot	2.255	2.431	4.385	4.44	4.496	2.984	100.0%	10
cinder.delete_volume	2.341	2.485	2.773	3.721	4.67	2.693	100.0%	10
total	16.553	19.163	21.677	21.681	21.686	19.224	100.0%	10

Load duration: 55.8534150124  
Full duration: 107.20220089

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	2.655	2.924	3.771	3.779	3.786	3.159	100.0%	10
cinder.create_snapshot	2.411	2.565	4.602	4.659	4.716	3.157	100.0%	10
nova.attach_volume	3.053	3.236	5.158	5.352	5.546	3.726	100.0%	10
nova.detach_volume	2.752	2.964	3.54	4.371	5.201	3.196	100.0%	10
cinder.delete_snapshot	2.147	2.424	4.491	4.497	4.503	2.802	100.0%	10
cinder.delete_volume	2.484	2.574	2.677	2.726	2.775	2.582	100.0%	10
total	17.334	19.301	20.332	21.118	21.904	19.2	100.0%	10

Load duration: 56.6079628468  
Full duration: 108.998883963

run\_rally - INFO - Test scenario: "cinder" OK.  
run\_rally - INFO - Starting test scenario "heat" ...

Preparing input task  
Task aae5a92c-66ff-4c8c-b4a3-0957baac4610: started  
Task aae5a92c-66ff-4c8c-b4a3-0957baac4610: finished

test scenario HeatStacks.create\_suspend\_resume\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.922	3.271	3.354	3.38	3.406	3.229	100.0%	10

FuncTest test results, Release brahmaputra.3.0 (41850cb)

heat.suspend_stack	1.21	1.305	1.397	1.4	1.403	1.31	100.0%	10	
heat.resume_stack	1.183	1.318	1.348	1.352	1.356	1.301	100.0%	10	
heat.delete_stack	1.161	1.306	2.368	2.383	2.398	1.68	100.0%	10	
total	6.612	7.196	8.411	8.476	8.541	7.519	100.0%	10	
-----									
Load duration: 21.979665041									
Full duration: 25.784487009									
test scenario HeatStacks.create_and_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	2.8	2.896	3.053	3.136	3.219	2.929	100.0%	10	
heat.delete_stack	1.167	1.185	1.272	1.284	1.296	1.202	100.0%	10	
total	3.967	4.11	4.26	4.334	4.409	4.13	100.0%	10	
-----									
Load duration: 12.3352811337									
Full duration: 16.1414811611									
test scenario HeatStacks.create_and_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	13.463	15.842	17.472	17.519	17.565	15.768	100.0%	10	
heat.delete_stack	8.575	9.635	10.691	10.703	10.714	9.537	100.0%	10	
total	22.054	25.534	27.126	27.181	27.236	25.305	100.0%	10	
-----									
Load duration: 74.6174178123									
Full duration: 78.7209010124									
test scenario HeatStacks.create_and_delete_stack									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.create_stack	9.848	12.353	14.548	14.574	14.6	12.757	100.0%	10	
heat.delete_stack	6.448	7.541	8.549	8.581	8.612	7.65	100.0%	10	
total	17.369	19.894	23.098	23.155	23.212	20.407	100.0%	10	
-----									
Load duration: 61.6486670971									
Full duration: 65.8705642223									
test scenario HeatStacks.list_stacks_and_resources									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
heat.list_stacks	0.198	0.23	0.268	0.302	0.337	0.238	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.198	0.231	0.268	0.302	0.337	0.238	100.0%	10	
-----									
Load duration: 0.700455904007									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Full duration: 4.55407810211

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.01	3.109	3.377	3.561	3.744	3.173	100.0%	10
heat.update_stack	3.232	3.408	4.335	4.354	4.374	3.612	100.0%	10
heat.delete_stack	1.146	1.207	2.478	2.887	3.296	1.721	100.0%	10
total	7.423	7.67	9.921	10.311	10.702	8.505	100.0%	10

Load duration: 24.7915220261

Full duration: 29.4085850716

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.881	3.066	3.233	3.377	3.52	3.09	100.0%	10
heat.update_stack	3.212	3.254	3.48	3.507	3.535	3.303	100.0%	10
heat.delete_stack	1.154	1.167	1.188	1.194	1.201	1.17	100.0%	10
total	7.263	7.498	7.904	7.912	7.921	7.563	100.0%	10

Load duration: 22.4006979465

Full duration: 26.8767819405

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.972	4.032	6.634	6.716	6.798	4.942	100.0%	10
heat.update_stack	5.327	5.354	5.482	5.548	5.614	5.388	100.0%	10
heat.delete_stack	2.19	2.207	2.213	2.214	2.215	2.203	100.0%	10
total	11.521	11.583	14.284	14.325	14.367	12.534	100.0%	10

Load duration: 37.184043169

Full duration: 41.6411378384

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
total	n/a	n/a	n/a	n/a	n/a	n/a	0.0%	8

Load duration: 8.45521402359

Full duration: 17.6498777866

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
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FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.971	5.16	5.356	5.407	5.459	4.973	100.0%	10
heat.update_stack	5.318	5.359	5.382	5.394	5.405	5.358	100.0%	10
heat.delete_stack	2.188	2.198	2.266	2.267	2.267	2.211	100.0%	10
total	11.488	12.723	12.979	13.011	13.043	12.543	100.0%	10

Load duration: 37.0396420956  
Full duration: 41.5464501381

test scenario HeatStacks.create\_update\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.829	3.044	3.212	3.247	3.283	3.029	100.0%	10
heat.update_stack	3.215	3.228	3.295	3.317	3.339	3.248	100.0%	10
heat.delete_stack	1.144	1.154	1.183	1.191	1.198	1.161	100.0%	10
total	7.202	7.41	7.611	7.692	7.774	7.438	100.0%	10

Load duration: 22.2332119942  
Full duration: 26.9551222324

test scenario HeatStacks.create\_and\_list\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.901	3.019	3.106	3.131	3.157	3.024	100.0%	10
heat.list_stacks	0.026	0.033	0.038	0.039	0.039	0.032	100.0%	10
total	2.94	3.049	3.139	3.163	3.188	3.056	100.0%	10

Load duration: 9.14466500282  
Full duration: 16.6371269226

test scenario HeatStacks.create\_check\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	2.988	3.093	3.17	3.178	3.187	3.087	100.0%	10
heat.check_stack	1.182	1.191	1.218	1.227	1.235	1.197	100.0%	10
heat.delete_stack	1.135	1.146	1.159	1.163	1.167	1.148	100.0%	10
total	5.315	5.451	5.54	5.549	5.558	5.432	100.0%	10

Load duration: 16.1800320148  
Full duration: 20.4218199253

run\_rally - INFO - Test scenario: "heat" Failed.  
run\_rally - INFO - Starting test scenario "keystone" ...

Preparing input task  
Task a2566777-434b-4a10-8720-118485a7d427: started  
Task a2566777-434b-4a10-8720-118485a7d427: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.129	0.152	0.179	0.185	0.19	0.153	100.0%	10
keystone.create_users	1.041	1.142	1.45	1.48	1.509	1.211	100.0%	10
total	1.177	1.295	1.637	1.653	1.668	1.363	100.0%	10

Load duration: 4.19324994087

Full duration: 15.3481221199

test scenario KeystoneBasic.create\_add\_and\_list\_user\_roles

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.126	0.137	0.15	0.155	0.16	0.138	100.0%	10
keystone.add_role	0.116	0.123	0.145	0.158	0.171	0.128	100.0%	10
keystone.list_roles	0.055	0.064	0.076	0.093	0.11	0.068	100.0%	10
total	0.308	0.334	0.36	0.362	0.364	0.335	100.0%	10

Load duration: 1.02259397507

Full duration: 7.21977186203

test scenario KeystoneBasic.add\_and\_remove\_user\_role

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.127	0.155	0.187	0.19	0.192	0.159	100.0%	10
keystone.add_role	0.117	0.131	0.161	0.175	0.188	0.137	100.0%	10
keystone.remove_role	0.089	0.104	0.137	0.161	0.184	0.113	100.0%	10
total	0.352	0.4	0.454	0.471	0.487	0.408	100.0%	10

Load duration: 1.2577559948

Full duration: 7.18419408798

test scenario KeystoneBasic.create\_update\_and\_delete\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.131	0.147	0.168	0.175	0.181	0.15	100.0%	10
keystone.update_tenant	0.073	0.081	0.138	0.138	0.138	0.094	100.0%	10
keystone.delete_tenant	0.146	0.181	0.212	0.215	0.218	0.182	100.0%	10
total	0.356	0.436	0.488	0.501	0.514	0.426	100.0%	10

Load duration: 1.28746080399

Full duration: 5.78163409233

test scenario KeystoneBasic.create\_and\_delete\_service

Response Times (sec)								
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FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_service	0.136	0.149	0.185	0.201	0.217	0.158	100.0%	10
keystone.delete_service	0.079	0.081	0.094	0.105	0.116	0.086	100.0%	10
total	0.22	0.233	0.267	0.288	0.309	0.244	100.0%	10

Load duration: 0.732470035553  
Full duration: 5.50471711159

test scenario KeystoneBasic.create\_tenant

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.135	0.141	0.177	0.184	0.19	0.151	100.0%	10
total	0.135	0.141	0.177	0.184	0.191	0.152	100.0%	10

Load duration: 0.47666311264  
Full duration: 4.65166783333

test scenario KeystoneBasic.create\_user

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_user	0.145	0.17	0.2	0.206	0.211	0.174	100.0%	10
total	0.145	0.171	0.2	0.206	0.212	0.174	100.0%	10

Load duration: 0.544457912445  
Full duration: 4.52855014801

test scenario KeystoneBasic.create\_and\_list\_tenants

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.139	0.151	0.184	0.204	0.224	0.161	100.0%	10
keystone.list_tenants	0.054	0.062	0.076	0.095	0.115	0.067	100.0%	10
total	0.201	0.213	0.277	0.286	0.295	0.227	100.0%	10

Load duration: 0.684409141541  
Full duration: 7.2159280777

test scenario KeystoneBasic.create\_and\_delete\_role

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.131	0.156	0.212	0.213	0.215	0.167	100.0%	10
keystone.delete_role	0.132	0.159	0.222	0.244	0.266	0.174	100.0%	10
total	0.276	0.349	0.375	0.409	0.444	0.341	100.0%	10

Load duration: 1.00079798698

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Full duration: 5.79344797134

test scenario KeystoneBasic.get\_entities

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_tenant	0.14	0.148	0.211	0.214	0.216	0.161	100.0%	10	
keystone.create_user	0.083	0.09	0.105	0.122	0.138	0.094	100.0%	10	
keystone.create_role	0.065	0.081	0.12	0.126	0.131	0.087	100.0%	10	
keystone.get_tenant	0.054	0.064	0.115	0.117	0.119	0.078	100.0%	10	
keystone.get_user	0.055	0.062	0.081	0.104	0.127	0.069	100.0%	10	
keystone.get_role	0.055	0.062	0.096	0.109	0.121	0.071	100.0%	10	
keystone.service_list	0.053	0.06	0.069	0.072	0.074	0.061	100.0%	10	
keystone.get_service	0.054	0.059	0.068	0.087	0.105	0.063	100.0%	10	
total	0.577	0.674	0.806	0.815	0.825	0.685	100.0%	10	

Load duration: 1.99226713181

Full duration: 11.5220220089

test scenario KeystoneBasic.create\_and\_list\_users

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.148	0.173	0.197	0.206	0.215	0.175	100.0%	10	
keystone.list_users	0.059	0.062	0.068	0.068	0.069	0.063	100.0%	10	
total	0.207	0.238	0.259	0.267	0.275	0.238	100.0%	10	

Load duration: 0.724813938141

Full duration: 4.96498990059

run\_rally - INFO - Test scenario: "keystone" OK.

run\_rally - INFO - Starting test scenario "neutron" ...

Preparing input task

Task 54896a60-668a-4109-89ce-b6be1526b03c: started

Task 54896a60-668a-4109-89ce-b6be1526b03c: finished

test scenario NeutronNetworks.create\_and\_delete\_ports

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.495	0.647	0.86	0.862	0.864	0.662	100.0%	10	
neutron.delete_port	0.138	0.389	0.568	0.757	0.946	0.413	100.0%	10	
total	0.633	0.994	1.292	1.551	1.809	1.075	100.0%	10	

Load duration: 3.11711192131

Full duration: 33.0977571011

test scenario NeutronNetworks.create\_and\_list\_routers

Response Times (sec)									
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## FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.499	0.61	0.652	0.678	0.704	0.602	100.0%	10
neutron.create_router	0.146	0.344	0.458	0.463	0.467	0.349	100.0%	10
neutron.add_interface_router	0.258	0.522	0.604	0.672	0.739	0.519	100.0%	10
neutron.list_routers	0.026	0.282	0.457	0.501	0.545	0.272	100.0%	10
total	1.316	1.657	1.975	2.111	2.247	1.742	100.0%	10

Load duration: 5.24421405792  
Full duration: 37.3269040585

test scenario NeutronNetworks.create\_and\_delete\_routers

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.563	0.666	0.868	1.002	1.136	0.721	100.0%	10
neutron.create_router	0.13	0.373	0.573	0.595	0.616	0.384	100.0%	10
neutron.add_interface_router	0.274	0.505	0.574	0.605	0.637	0.471	100.0%	10
neutron.remove_interface_router	0.234	0.492	0.66	0.676	0.692	0.512	100.0%	10
neutron.delete_router	0.117	0.329	0.731	0.744	0.756	0.341	100.0%	10
total	1.572	2.372	2.966	3.156	3.347	2.43	100.0%	10

Load duration: 7.02413988113  
Full duration: 37.7696969509

test scenario NeutronNetworks.create\_and\_list\_ports

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.507	0.678	0.859	0.871	0.883	0.7	100.0%	10
neutron.list_ports	0.131	0.305	0.497	0.512	0.526	0.325	100.0%	10
total	0.792	1.051	1.18	1.187	1.193	1.025	100.0%	10

Load duration: 3.00920605659  
Full duration: 34.7632040977

test scenario NeutronNetworks.create\_and\_delete\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.505	0.561	0.698	0.722	0.747	0.592	100.0%	10
neutron.delete_subnet	0.141	0.477	0.75	0.785	0.82	0.516	100.0%	10
total	0.759	1.066	1.367	1.429	1.491	1.108	100.0%	10

Load duration: 3.30927801132  
Full duration: 34.2646439075

test scenario NeutronNetworks.create\_and\_delete\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

neutron.create_network	0.368	0.511	0.727	0.746	0.765	0.541	100.0%	10	
neutron.delete_network	0.115	0.331	0.399	0.421	0.443	0.328	100.0%	10	
total	0.519	0.876	1.09	1.149	1.209	0.87	100.0%	10	

Load duration: 2.45112395287  
 Full duration: 17.3522310257

test scenario NeutronNetworks.create\_and\_list\_networks

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.376	0.514	51.874	51.881	51.887	21.012	100.0%	10	
neutron.list_networks	0.048	0.264	0.303	0.312	0.32	0.246	100.0%	10	
total	0.644	0.78	52.142	52.175	52.208	21.258	100.0%	10	

Load duration: 53.5037658215  
 Full duration: 70.7888660431

test scenario NeutronNetworks.create\_and\_update\_routers

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.457	0.651	0.738	0.757	0.777	0.631	100.0%	10	
neutron.create_router	0.144	0.334	0.45	0.477	0.504	0.349	100.0%	10	
neutron.add_interface_router	0.286	0.546	0.676	0.685	0.695	0.555	100.0%	10	
neutron.update_router	0.099	0.36	0.43	0.438	0.446	0.312	100.0%	10	
total	1.176	1.895	2.106	2.13	2.155	1.848	100.0%	10	

Load duration: 5.49681401253  
 Full duration: 37.4188079834

test scenario NeutronNetworks.create\_and\_update\_networks

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.36	0.471	0.71	0.73	0.75	0.528	100.0%	10	
neutron.update_network	0.123	0.355	0.42	0.426	0.431	0.336	100.0%	10	
total	0.651	0.826	1.115	1.126	1.137	0.863	100.0%	10	

Load duration: 2.45435285568  
 Full duration: 19.8497779369

test scenario NeutronNetworks.create\_and\_update\_ports

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.522	0.606	0.691	0.706	0.721	0.612	100.0%	10	
neutron.update_port	0.187	0.343	0.388	0.389	0.39	0.336	100.0%	10	
total	0.756	0.965	1.027	1.044	1.061	0.948	100.0%	10	

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.89304494858
Full duration: 35.0843141079

test scenario NeutronNetworks.create_and_list_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.435 | 0.561  | 0.697  | 0.716  | 0.735 | 0.584 | 100.0% | 10    |
| neutron.list_subnets                 | 0.259 | 0.312  | 0.4     | 0.427  | 0.455 | 0.331 | 100.0% | 10    |
| total                                 | 0.785 | 0.877  | 1.111  | 1.12   | 1.129 | 0.915 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.61414718628
Full duration: 34.7340919971

test scenario NeutronNetworks.create_and_update_subnets
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| neutron.create_subnet                | 0.496 | 0.57   | 0.724  | 0.732  | 0.741 | 0.598 | 100.0% | 10    |
| neutron.update_subnet                | 0.356 | 0.433  | 0.584  | 0.599  | 0.615 | 0.47  | 100.0% | 10    |
| total                                 | 0.889 | 1.045  | 1.22   | 1.231  | 1.242 | 1.068 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 3.22795987129
Full duration: 33.4197108746

run_rally - INFO - Test scenario: "neutron" OK.
run_rally - INFO - Starting test scenario "nova" ...

Preparing input task
Task d97765c7-bb1a-461c-8a74-ade03e3cc05a: started
Task d97765c7-bb1a-461c-8a74-ade03e3cc05a: finished

test scenario NovaKeypair.create_and_delete_keypair
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.create_keypair                  | 0.404 | 0.52   | 1.075  | 1.084  | 1.093 | 0.647 | 100.0% | 10    |
| nova.delete_keypair                  | 0.021 | 0.023  | 0.03   | 0.036  | 0.041 | 0.026 | 100.0% | 10    |
| total                                 | 0.432 | 0.546  | 1.099  | 1.11   | 1.122 | 0.673 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.18305206299
Full duration: 18.7849049568

test scenario NovaServers.snapshot_server
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server                     | 4.34  | 6.072  | 6.37   | 6.458  | 6.546 | 5.696 | 100.0% | 10    |
| nova.create_image                    | 26.042 | 43.405 | 45.329 | 45.435 | 45.541 | 40.593 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

nova.delete_server	2.313	2.59	2.699	2.859	3.019	2.586	100.0%	10	
nova.boot_server (2)	8.297	11.985	12.916	13.279	13.642	11.495	100.0%	10	
nova.delete_server (2)	2.4	2.622	2.761	2.777	2.792	2.638	100.0%	10	
nova.delete_image	1.443	2.236	2.891	3.258	3.626	2.279	100.0%	10	
total	45.514	69.068	71.631	72.478	73.326	65.288	100.0%	10	

Load duration: 189.056165934  
Full duration: 227.369397879

test scenario NovaKeypair.boot\_and\_delete\_server\_with\_keypair

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.393	0.542	0.682	0.906	1.129	0.575	100.0%	10
nova.boot_server	5.333	6.169	7.894	7.9	7.907	6.354	100.0%	10
nova.delete_server	2.343	2.689	2.83	2.847	2.864	2.658	100.0%	10
nova.delete_keypair	0.02	0.025	0.032	0.034	0.035	0.026	100.0%	10
total	8.385	9.359	11.149	11.258	11.367	9.613	100.0%	10

Load duration: 29.3410420418  
Full duration: 66.8611400127

test scenario NovaKeypair.create\_and\_list\_keypairs

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.4	0.494	0.589	0.867	1.146	0.544	100.0%	10
nova.list_keypairs	0.01	0.014	0.017	0.018	0.019	0.013	100.0%	10
total	0.41	0.508	0.603	0.884	1.165	0.558	100.0%	10

Load duration: 1.71813702583  
Full duration: 20.3168940544

test scenario NovaServers.list\_servers

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.list_servers	0.64	0.917	1.069	1.117	1.165	0.895	100.0%	10
total	0.64	0.917	1.07	1.117	1.165	0.895	100.0%	10

Load duration: 2.65287709236  
Full duration: 66.0498650074

test scenario NovaServers.resize\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
total	n/a	n/a	n/a	n/a	n/a	n/a	0.0%	6

Load duration: 815.834815979



FuncTest test results, Release brahmaputra.3.0 (41850cb)

Full duration: 839.469985008

test scenario NovaServers.boot\_server\_from\_volume\_and\_delete

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	5.574	6.234	8.567	8.613	8.66	6.605	100.0%	10	
nova.boot_server	4.812	6.08	6.59	6.789	6.988	6.029	100.0%	10	
nova.delete_server	2.339	2.631	2.668	2.687	2.707	2.602	100.0%	10	
total	13.379	15.107	16.804	16.977	17.15	15.236	100.0%	10	

Load duration: 45.449835062

Full duration: 88.6502871513

test scenario NovaServers.boot\_and\_migrate\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
total	n/a	n/a	n/a	n/a	n/a	n/a	0.0%	5	

Load duration: 824.306979895

Full duration: 846.910109043

test scenario NovaServers.boot\_and\_delete\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	4.471	5.91	6.147	6.182	6.217	5.681	100.0%	10	
nova.delete_server	2.378	2.586	2.707	2.746	2.785	2.579	100.0%	10	
total	7.061	8.47	8.67	8.754	8.839	8.26	100.0%	10	

Load duration: 24.1857261658

Full duration: 60.5944719315

test scenario NovaServers.boot\_and\_rebuild\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	4.333	5.804	6.335	6.417	6.498	5.565	100.0%	10	
nova.rebuild_server	7.496	8.885	9.786	9.911	10.036	8.862	100.0%	10	
nova.delete_server	2.289	2.614	2.738	2.741	2.744	2.563	100.0%	10	
total	14.866	17.495	18.471	18.474	18.476	16.99	100.0%	10	

Load duration: 49.6322209835

Full duration: 85.0604588985

test scenario NovaSecGroup.create\_and\_list\_secgroups

Response Times (sec)									
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**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_10_security_groups	3.185	3.686	3.987	4.312	4.638	3.699	100.0%	10
nova.create_100_rules	18.567	26.267	26.534	26.699	26.865	24.773	100.0%	10
nova.list_security_groups	0.078	0.128	0.182	0.185	0.187	0.13	100.0%	10
total	22.414	29.93	30.82	30.98	31.14	28.603	100.0%	10

Load duration: 82.9733760357  
Full duration: 116.589685917

test scenario NovaSecGroup.create\_and\_delete\_secgroups

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_10_security_groups	2.944	3.432	3.733	3.782	3.831	3.421	100.0%	10
nova.create_100_rules	16.376	21.41	22.17	22.462	22.754	20.611	100.0%	10
nova.delete_10_security_groups	0.917	1.088	1.275	1.303	1.332	1.093	100.0%	10
total	20.695	25.965	26.896	26.95	27.004	25.125	100.0%	10

Load duration: 72.9624798298  
Full duration: 89.82077384

test scenario NovaServers.boot\_and\_bounce\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	4.125	4.583	6.312	6.519	6.725	5.156	100.0%	10
nova.reboot_server	2.419	2.493	2.871	3.889	4.906	2.736	100.0%	10
nova.soft_reboot_server	4.365	4.758	16.946	70.03	123.114	16.564	100.0%	10
nova.stop_server	5.106	14.074	15.736	15.772	15.808	13.538	100.0%	10
nova.start_server	1.398	1.653	1.789	2.027	2.264	1.691	100.0%	10
nova.rescue_server	6.466	6.855	15.712	16.593	17.474	8.701	100.0%	10
nova.unrescue_server	2.236	2.258	2.473	2.501	2.529	2.318	100.0%	10
nova.delete_server	2.302	2.339	2.497	2.533	2.568	2.392	100.0%	10
total	30.075	40.221	65.737	113.006	160.274	53.112	100.0%	10

Load duration: 160.307124138  
Full duration: 195.760754108

test scenario NovaServers.boot\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	4.346	5.987	7.641	7.662	7.683	6.099	100.0%	10
total	4.346	5.987	7.641	7.662	7.684	6.099	100.0%	10

Load duration: 17.5887329578  
Full duration: 42.9464931488

test scenario NovaSecGroup.boot\_and\_delete\_server\_with\_secgroups

Response Times (sec)								
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FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success
nova.create_10_security_groups	2.723	3.726	4.171	4.216	4.261	3.683	100.0%
nova.create_100_rules	18.505	26.114	26.91	26.926	26.943	24.62	100.0%
nova.boot_server	3.627	4.946	5.965	6.019	6.073	4.932	100.0%
nova.get_attached_security_groups	0.108	0.131	0.253	0.324	0.396	0.166	100.0%
nova.delete_server	2.334	2.379	2.491	2.512	2.533	2.396	100.0%
nova.delete_10_security_groups	0.973	1.409	1.639	1.832	2.026	1.399	100.0%
total	28.564	39.133	39.77	39.952	40.134	37.197	100.0%

Load duration: 107.169257164  
Full duration: 144.236375093

test scenario NovaServers.pause\_and\_unpause\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	4.178	6.265	6.892	7.037	7.182	6.066	100.0%	10
nova.pause_server	2.287	2.526	2.683	2.743	2.804	2.548	100.0%	10
nova.unpause_server	2.436	2.503	2.571	2.571	2.572	2.507	100.0%	10
nova.delete_server	2.294	2.606	2.995	3.945	4.895	2.755	100.0%	10
total	11.529	13.896	14.859	15.712	16.564	13.876	100.0%	10

Load duration: 40.5261249542  
Full duration: 76.823114872

test scenario NovaServers.boot\_server\_from\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	5.836	6.478	9.07	9.177	9.283	7.115	100.0%	10
nova.boot_server	5.52	6.079	6.596	7.362	8.128	6.22	100.0%	10
total	11.526	12.516	15.434	15.438	15.442	13.335	100.0%	10

Load duration: 39.5622808933  
Full duration: 73.6733939648

test scenario NovaServers.boot\_and\_list\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	4.694	6.002	6.133	6.249	6.365	5.738	100.0%	10
nova.list_servers	0.141	0.377	0.551	0.599	0.646	0.376	100.0%	10
total	5.074	6.186	6.707	6.807	6.906	6.114	100.0%	10

Load duration: 17.6599957943  
Full duration: 64.1471071243

run\_rally - INFO - Test scenario: "nova" Failed.  
run\_rally - INFO - Starting test scenario "quotas" ...

```

Preparing input task
Task 5eda6eal-f001-4a0e-b6cd-7685d1803fd5: started
Task 5eda6eal-f001-4a0e-b6cd-7685d1803fd5: finished

test scenario Quotas.cinder_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.692 | 0.867  | 1.007  | 1.025  | 1.043 | 0.869 | 100.0% | 10   |
| total          | 0.692 | 0.867  | 1.007  | 1.025  | 1.043 | 0.869 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.54990196228
Full duration: 9.24233794212

test scenario Quotas.neutron_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.318 | 0.578  | 0.742  | 0.759  | 0.776 | 0.558 | 100.0% | 10   |
| total          | 0.384 | 0.669  | 0.825  | 0.837  | 0.848 | 0.646 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 1.74635910988
Full duration: 8.15396595001

test scenario Quotas.cinder_update_and_delete
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.686 | 0.867  | 1.072  | 1.087  | 1.102 | 0.87  | 100.0% | 10   |
| quotas.delete_quotas | 0.563 | 0.613  | 0.737  | 0.75   | 0.763 | 0.631 | 100.0% | 10   |
| total          | 1.274 | 1.453  | 1.698  | 1.782  | 1.865 | 1.501 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 4.41035509109
Full duration: 11.0862941742

test scenario Quotas.nova_update_and_delete
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| quotas.update_quotas | 0.48  | 0.753  | 1.082  | 1.107  | 1.133 | 0.811 | 100.0% | 10   |
| quotas.delete_quotas | 0.025 | 0.066  | 0.091  | 0.114  | 0.138 | 0.066 | 100.0% | 10   |
| total          | 0.505 | 0.812  | 1.14   | 1.173  | 1.206 | 0.878 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.45851612091
Full duration: 8.88383197784

test scenario Quotas.nova_update
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
quotas.update_quotas	0.516	0.798	1.182	1.19	1.198	0.829	100.0%	10
total	0.516	0.798	1.182	1.19	1.198	0.829	100.0%	10

Load duration: 2.38111186028  
Full duration: 8.62598204613

run\_rally - INFO - Test scenario: "quotas" OK.  
run\_rally - INFO - Starting test scenario "requests" ...

Preparing input task  
Task 6afaa02c-ce64-423c-8af7-1f3436c08dbd: started  
Task 6afaa02c-ce64-423c-8af7-1f3436c08dbd: finished

test scenario HttpRequests.check\_random\_request

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
requests.check_request	5.022	5.033	5.491	5.493	5.495	5.191	100.0%	10	
total	5.022	5.034	5.491	5.493	5.495	5.191	100.0%	10	

Load duration: 15.5716190338  
Full duration: 18.0286371708

test scenario HttpRequests.check\_request

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
requests.check_request	5.021	5.026	5.03	5.032	5.033	5.026	100.0%	10	
total	5.021	5.026	5.03	5.032	5.033	5.026	100.0%	10	

Load duration: 15.1103169918  
Full duration: 17.6116039753

run\_rally - INFO - Test scenario: "requests" OK.

Rally Summary Report

Module	Duration	nb. Test Run	Success
authenticate	00:20	10	100.00%
glance	01:52	7	100.00%
cinder	15:05	50	100.00%
heat	06:52	32	92.31%
keystone	01:19	29	100.00%
neutron	07:05	31	100.00%
nova	52:04	52	88.89%

quotas	00:45	7	100.00%
requests	00:35	2	100.00%
TOTAL:	01:26:02	220	97.91%

## 3.27 SDN Controller

### 3.27.1 ODL

```

FUNCTEST.info: Running ODL test...
=====
Basic
=====
Basic.010 Restconf OK :: Test suite to verify Restconf is OK
=====
Get Controller Modules :: Get the controller modules via Restconf      | PASS |
-----
Basic.010 Restconf OK :: Test suite to verify Restconf is OK          | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Basic                                                                    | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Output:  /home/opnfv/output.xml
Log:     /home/opnfv/log.html
Report:  /home/opnfv/report.html
=====
Neutron :: Test suite for Neutron Plugin
=====
Neutron.Networks :: Checking Network created in OpenStack are pushed to Ope...
=====
Check OpenStack Networks :: Checking OpenStack Neutron for known n... | PASS |
-----
Check OpenDaylight Networks :: Checking OpenDaylight Neutron API f... | PASS |
-----
Create Network :: Create new network in OpenStack                       | PASS |
-----
Check Network :: Check Network created in OpenDaylight                  | FAIL |
404 != 200
-----
Neutron.Networks :: Checking Network created in OpenStack are push... | FAIL |
4 critical tests, 3 passed, 1 failed
4 tests total, 3 passed, 1 failed
=====
Neutron.Subnets :: Checking Subnets created in OpenStack are pushed to Open...
=====
Check OpenStack Subnets :: Checking OpenStack Neutron for known Su... | PASS |
-----
Check OpenDaylight subnets :: Checking OpenDaylight Neutron API fo... | PASS |

```

```

-----
Create New subnet :: Create new subnet in OpenStack | PASS |
-----
Check New subnet :: Check new subnet created in OpenDaylight | FAIL |
404 != 200
-----
Neutron.Subnets :: Checking Subnets created in OpenStack are pushe... | FAIL |
4 critical tests, 3 passed, 1 failed
4 tests total, 3 passed, 1 failed
=====
Neutron.Ports :: Checking Port created in OpenStack are pushed to OpenDaylight
=====
Check OpenStack ports :: Checking OpenStack Neutron for known ports | PASS |
-----
Check OpenDaylight ports :: Checking OpenDaylight Neutron API for ... | PASS |
-----
Create New Port :: Create new port in OpenStack | PASS |
-----
Check New Port :: Check new subnet created in OpenDaylight | FAIL |
404 != 200
-----
Neutron.Ports :: Checking Port created in OpenStack are pushed to ... | FAIL |
4 critical tests, 3 passed, 1 failed
4 tests total, 3 passed, 1 failed
=====
Neutron.Delete Ports :: Checking Port deleted in OpenStack are deleted also...
=====
Delete New Port :: Delete previously created port in OpenStack | PASS |
-----
Check Port Deleted :: Check port deleted in OpenDaylight | PASS |
-----
Neutron.Delete Ports :: Checking Port deleted in OpenStack are del... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack are deleted...
=====
Delete New subnet :: Delete previously created subnet in OpenStack | PASS |
-----
Check New subnet deleted :: Check subnet deleted in OpenDaylight | PASS |
-----
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack ar... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron.Delete Networks :: Checking Network deleted in OpenStack are delete...
=====
Delete Network :: Delete network in OpenStack | PASS |
-----
Check Network deleted :: Check Network deleted in OpenDaylight | PASS |
-----
Neutron.Delete Networks :: Checking Network deleted in OpenStack a... | PASS |
2 critical tests, 2 passed, 0 failed
2 tests total, 2 passed, 0 failed
=====
Neutron :: Test suite for Neutron Plugin | FAIL |
18 critical tests, 15 passed, 3 failed
18 tests total, 15 passed, 3 failed

```

```
=====  
Output: /home/opnfv/output.xml  
Log: /home/opnfv/log.html  
Report: /home/opnfv/report.html  
Log: /home/opnfv/log.html  
Report: /home/opnfv/report.html
```

## 3.28 Feature tests

### 3.28.1 vIMS

```
FUNCTEST.info: Running vIMS test...  
vIMS - INFO - Prepare OpenStack plateform (create tenant and user)  
vIMS - INFO - Update OpenStack creds informations  
vIMS - INFO - Upload some OS images if it doesn't exist  
vIMS - INFO - centos_7 image doesn't exist on glance repository.  
                Try downloading this image and upload on glance !  
vIMS - INFO - ubuntu_14.04 image doesn't exist on glance repository.  
                Try downloading this image and upload on glance !  
vIMS - INFO - Update security group quota for this tenant  
vIMS - INFO - Update cinder quota for this tenant  
vIMS - INFO - Collect flavor id for cloudify manager server  
vIMS - INFO - Prepare virtualenv for cloudify-cli  
vIMS - INFO - Downloading the cloudify manager server blueprint  
vIMS - INFO - Cloudify deployment Start Time:'2016-02-23 08:04:17'  
vIMS - INFO - Writing the inputs file  
vIMS - INFO - Launching the cloudify-manager deployment  
vIMS - INFO - Cloudify-manager server is UP !  
vIMS - INFO - Cloudify deployment duration:'495.7'  
vIMS - INFO - Collect flavor id for all clearwater vm  
vIMS - INFO - vIMS VNF deployment Start Time:'2016-02-23 08:12:33'  
vIMS - INFO - Downloading the openstack-blueprint.yaml blueprint  
vIMS - INFO - Writing the inputs file  
vIMS - INFO - Launching the clearwater deployment  
vIMS - INFO - The deployment of clearwater-opnfv is ended  
vIMS - INFO - vIMS VNF deployment duration:'759.1'  
vIMS - INFO - vIMS functional test Start Time:'2016-02-23 08:28:17'  
vIMS - INFO - vIMS functional test duration:'109.1'  
vIMS - INFO - Launching the clearwater-opnfv undeployment  
vIMS - ERROR - Error when executing command /bin/bash -c 'source /home/opnfv/funcstest/data/vIMS/venv  
vIMS - INFO - Launching the cloudify-manager undeployment  
vIMS - INFO - Cloudify-manager server has been successfully removed!  
vIMS - INFO - Removing vIMS tenant ..  
vIMS - INFO - Removing vIMS user ..
```

### 3.28.2 Doctor

```
FUNCTEST.info: Running Doctor test...  
doctor - DEBUG - Executing command : cd /home/opnfv/repos/doctor/tests && ./run.sh  
doctor - DEBUG - + IMAGE_URL=https://launchpad.net/cirros/trunk/0.3.0/+download/cirros-0.3.0-x86_64-  
Note: doctor/tests/run.sh has been executed.  
PING 192.30.9.7 (192.30.9.7) 56(84) bytes of data.  
64 bytes from 192.30.9.7: icmp_seq=1 ttl=63 time=0.753 ms
```



```

--- 192.30.9.7 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.753/0.753/0.753/0.000 ms
preparing VM image...

```

Property	Value
checksum	11834a548b5f6fa25d331353b139cb1a
container_format	bare
created_at	2016-02-24T07:59:46Z
disk_format	qcow2
id	0074bf80-807e-4cb7-b904-bf4347c2a668
min_disk	0
min_ram	0
name	cirros
owner	3d15a63c2519439f839df6785236b0e1
protected	False
size	15482
status	active
tags	[]
updated_at	2016-02-24T07:59:47Z
virtual_size	None
visibility	public

```

starting doctor sample components...
creating VM and alarm...

```

Property	Value
OS-DCF:diskConfig	MANUAL
OS-EXT-AZ:availability_zone	
OS-EXT-SRV-ATTR:host	-
OS-EXT-SRV-ATTR:hypervisor_hostname	-
OS-EXT-SRV-ATTR:instance_name	instance-00000048
OS-EXT-STS:power_state	0
OS-EXT-STS:task_state	scheduling
OS-EXT-STS:vm_state	building
OS-SRV-USG:launched_at	-
OS-SRV-USG:terminated_at	-
accessIPv4	
accessIPv6	
adminPass	AaUNZaoqw74Q
config_drive	
created	2016-02-24T07:59:49Z
flavor	m1.tiny (1)
hostId	
id	1ab94214-1d8c-46b5-8467-3d3e3b602f04
image	cirros (0074bf80-807e-4cb7-b904-bf4347c2a668)
key_name	-
metadata	{}
name	doctor_vm1
os-extended-volumes:volumes_attached	[]
progress	0
security_groups	default
status	BUILD
tenant_id	3d15a63c2519439f839df6785236b0e1
updated	2016-02-24T07:59:49Z
user_id	0cfa3d72e33b490880278ff6676aa961

Property	Value
alarm_actions	["http://localhost:12346/failure"]
alarm_id	739ca887-1a9d-4fb4-ad77-17793de1db16
description	VM failure
enabled	True
event_type	compute.instance.update
insufficient_data_actions	[]
name	doctor_alarm1
ok_actions	[]
project_id	3d15a63c2519439f839df6785236b0e1
query	[{"field": "traits.state", "type": "string", "value": "error", "op": "eq"}, {"field": "traits.instance_id", "type": "string", "value": "1ab94214-1d8c-46b5-8467-3d3e3b602f04", "op": "eq"}]
repeat_actions	False
severity	moderate
state	insufficient data
type	event
user_id	0cfa3d72e33b490880278ff6676aa961

waiting for vm launch...  
 injecting host failure...  
 disabling network of compute host [overcloud-novacompute-0] for 3 mins...  
 Warning: Permanently added '192.30.9.7' (ECDSA) to the list of known hosts.  
 Warning: Permanently added '192.30.9.7' (ECDSA) to the list of known hosts.  
 0 OK  
 done  
 cleanup...  
 24120  
 24124  
 24122  
 24144  
 Your request was processed by a Nova API which does not support microversions (X-OpenStack-Nova-API-V...  
 Your request was processed by a Nova API which does not support microversions (X-OpenStack-Nova-API-V...  
 Your request was processed by a Nova API which does not support microversions (X-OpenStack-Nova-API-V...  
 Your request was processed by a Nova API which does not support microversions (X-OpenStack-Nova-API-V...  
 24125  
 24136  
 + ssh -o UserKnownHostsFile=/dev/null -o StrictHostKeyChecking=no -i instack\_key heat-admin@192.30.9...  
 Warning: Permanently added '192.30.9.7' (ECDSA) to the list of known hosts.  
 sudo ip link set enp8s0 down  
 <Response [200]>  
 Request to delete server doctor\_vm1 has been accepted.  
 waiting disabled compute host back to be enabled...  
 doctor - INFO - doctor OK

## 3.29 Detailed test results for joid-os-odl\_l2-nofeature-ha

### 3.30 VIM

#### 3.30.1 vping\_ssh

```

FUNCTEST.info: Running vPing-SSH test...
vPing_ssh- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_ssh- INFO - Creating neutron network vping-net...
vPing_ssh- INFO - Creating security group 'vPing-sg'...
vPing_ssh- INFO - Using existing Flavor 'm1.small'...
vPing_ssh- INFO - vPing Start Time:'2016-02-23 10:26:42'
vPing_ssh- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=13cc508d-303d-46a8-bd03-3edae4434dfb
  network=b183c17a-bac5-4e45-afba-f5bc61edcf9e

vPing_ssh- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-1' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating instance 'opnfv-vping-2'...
  name=opnfv-vping-2
  flavor=<Flavor: m1.small>
  image=13cc508d-303d-46a8-bd03-3edae4434dfb
  network=b183c17a-bac5-4e45-afba-f5bc61edcf9e

vPing_ssh- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_ssh- INFO - Adding 'opnfv-vping-2' to security group 'vPing-sg'...
vPing_ssh- INFO - Creating floating IP for VM 'opnfv-vping-2'...
vPing_ssh- INFO - Floating IP created: '161.105.231.3'
vPing_ssh- INFO - Associating floating ip: '161.105.231.3' to VM 'opnfv-vping-2'
vPing_ssh- INFO - Trying to establish SSH connection to 161.105.231.3...
vPing_ssh- INFO - Waiting for ping...
vPing_ssh- INFO - vPing detected!
vPing_ssh- INFO - vPing duration:'33.5' s.
vPing_ssh- INFO - Cleaning up...
vPing_ssh- INFO - vPing OK

```

#### 3.30.2 vping\_userdata

```

FUNCTEST.info: Running vPing-userdata test...
vPing_userdata- INFO - Creating image 'functest-vping' from '/home/opnfv/functest/data/cirros-0.3.4-x86_64-uec.tar.gz'...
vPing_userdata- INFO - Creating neutron network vping-net...
vPing_userdata- INFO - Creating security group 'vPing-sg'...
vPing_userdata- INFO - Flavor found 'm1.small'
vPing_userdata- INFO - vPing Start Time:'2016-02-23 10:27:41'
vPing_userdata- INFO - Creating instance 'opnfv-vping-1'...
  name=opnfv-vping-1
  flavor=<Flavor: m1.small>
  image=a9b0741e-0d2d-4503-b267-af151870739e
  network=9d9b24f9-7bea-48b1-a4eb-771bf3784900

vPing_userdata- INFO - Instance 'opnfv-vping-1' is ACTIVE.
vPing_userdata- INFO - Creating instance 'opnfv-vping-2'...

```

```

name=opnfv-vping-2
flavor=<Flavor: m1.small>
image=a9b0741e-0d2d-4503-b267-af151870739e
network=9d9b24f9-7bea-48b1-a4eb-771bf3784900
userdata=
#!/bin/sh

while true; do
ping -c 1 192.168.130.3 2>&1 >/dev/null
RES=$?
if [ "$RES" = "0" ] ; then
echo 'vPing OK'
break
else
echo 'vPing KO'
fi
sleep 1
done

vPing_userdata- INFO - Instance 'opnfv-vping-2' is ACTIVE.
vPing_userdata- INFO - Waiting for ping...
vPing_userdata- INFO - vPing detected!
vPing_userdata- INFO - vPing duration:'17.9'
vPing_userdata- INFO - vPing OK
vPing_userdata- INFO - Cleaning up...
vPing_userdata- INFO - Deleting network 'vping-net'...

```

### 3.30.3 Tempest

```

FUNCTEST.info: Running Tempest tests...
run_tempest - INFO - Creating tenant and user for Tempest suite
2016-02-23 10:28:17.615 23826 INFO rally.verification.tempest.tempest [-] Starting: Creating configuration
2016-02-23 10:28:23.990 23826 INFO rally.verification.tempest.tempest [-] Completed: Creating configuration

run_tempest - INFO - Starting Tempest test suite: '--tests-file /home/opnfv/repos/funcctest/testcases/
Total results of verification:

+-----+-----+-----+-----+-----+
| UUID | Deployment UUID | Set name | Tests | Failures |
+-----+-----+-----+-----+-----+
| 473116be-ef51-45b4-a46d-dcc17b02d920 | 7fa447a8-f40c-475e-bae8-d4f62027b80b | | 210 | 5 |
+-----+-----+-----+-----+-----+

Tests:

+-----+
| name |
+-----+
| tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_get_flavor |
| tempest.api.compute.flavors.test_flavors.FlavorsV2TestJSON.test_list_flavors |
| tempest.api.compute.images.test_images.ImagesTestJSON.test_delete_saving_image |
| tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_delete_image |
| tempest.api.compute.images.test_images_oneserver.ImagesOneServerTestJSON.test_create_image_specify |
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filters |
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filters |
| tempest.api.compute.images.test_list_image_filters.ListImageFiltersTestJSON.test_list_images_filters |

```



```
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_reboot_server_soft
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_rebuild_server
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_confirm
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_resize_server_revert
| tempest.api.compute.servers.test_server_actions.ServerActionsTestJSON.test_stop_start_server
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_addresses.ServerAddressesTestJSON.test_list_server_addresses
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_delete_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_get_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_list_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_set_server_metadata_it
| tempest.api.compute.servers.test_server_metadata.ServerMetadataTestJSON.test_update_server_metadata
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_server_with_admin_password
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_specify_keypair
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_create_with_existing_server_name
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_access_server_address
| tempest.api.compute.servers.test_servers.ServersTestJSON.test_update_server_name
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_numeric_server
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_metadata
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_create_with_invalid
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_a_server_of_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_delete_server_pass_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_get_non_existent_ser
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_invalid_ip_v6_addres
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_reboot_non_existent_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_rebuild_non_existent
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_resize_server_with_r
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_server_name_blank
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_stop_non_existent_se
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_name_of_non_e
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_name_
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_of_and
| tempest.api.compute.servers.test_servers_negative.ServersNegativeTestJSON.test_update_server_set_er
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_keypair_in_alt_user_tena
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_fails_when_tenant_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_create_server_with_unauthorized_
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_keypair_of_alt_account_fails
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_get_metadata_of_alt_account_serv
| tempest.api.compute.test_authorization.AuthorizationTestJSON.test_set_metadata_of_alt_account_serv
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_default_quotas
| tempest.api.compute.test_quotas.QuotasTestJSON.test_get_quotas
| tempest.api.compute.volumes.test_attach_volume.AttachVolumeTestJSON.test_attach_detach_volume
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list
| tempest.api.compute.volumes.test_volumes_list.VolumesTestJSON.test_volume_list_with_details
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_invalid_volume_id
| tempest.api.compute.volumes.test_volumes_negative.VolumesNegativeTest.test_get_volume_without_pass
| tempest.api.identity.admin.v2.test_services.ServicesTestJSON.test_list_services
| tempest.api.identity.admin.v2.test_users.UsersTestJSON.test_create_user
| tempest.api.identity.admin.v3.test_credentials.CredentialsTestJSON.test_credentials_create_get_upda
| tempest.api.identity.admin.v3.test_domains.DefaultDomainTestJSON.test_default_domain_exists
| tempest.api.identity.admin.v3.test_domains.DomainsTestJSON.test_create_update_delete_domain
| tempest.api.identity.admin.v3.test_endpoints.EndPointsTestJSON.test_update_endpoint
```

```

| tempest.api.identity.admin.v3.test_groups.GroupsV3TestJSON.test_group_users_add_list_delete
| tempest.api.identity.admin.v3.test_policies.PoliciesTestJSON.test_create_update_delete_policy
| tempest.api.identity.admin.v3.test_regions.RegionsTestJSON.test_create_region_with_specific_id
| tempest.api.identity.admin.v3.test_roles.RolesV3TestJSON.test_role_create_update_get_list
| tempest.api.identity.admin.v3.test_services.ServicesTestJSON.test_create_update_get_service
| tempest.api.identity.admin.v3.test_trusts.TrustsV3TestJSON.test_get_trusts_all
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v2.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_media_types
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_resources
| tempest.api.identity.v3.test_api_discovery.TestApiDiscovery.test_api_version_statuses
| tempest.api.image.v1.test_images.ListImagesTest.test_index_no_params
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_delete_image
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_register_upload_get_image_file
| tempest.api.image.v2.test_images.BasicOperationsImagesTest.test_update_image
| tempest.api.network.test_extensions.ExtensionsTestJSON.test_list_show_extensions
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_floating_ip_specifying_a_fixed_ip_address
| tempest.api.network.test_floating_ips.FloatingIPTestJSON.test_create_list_show_update_delete_floating_ip
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsIpV6TestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_network
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_port
| tempest.api.network.test_networks.BulkNetworkOpsTestJSON.test_bulk_create_delete_subnet
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_list_networks
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_list_subnets
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_show_network
| tempest.api.network.test_networks.NetworksIpV6TestAttrs.test_show_subnet
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_create_update_delete_network_subnet
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_external_network_visibility
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_list_networks
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_list_subnets
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_show_network
| tempest.api.network.test_networks.NetworksIpV6TestJSON.test_show_subnet
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_list_ports
| tempest.api.network.test_ports.PortsIpV6TestJSON.test_show_port
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_in_allowed_allocation_pools
| tempest.api.network.test_ports.PortsTestJSON.test_create_port_with_no_securitygroups
| tempest.api.network.test_ports.PortsTestJSON.test_create_update_delete_port
| tempest.api.network.test_ports.PortsTestJSON.test_list_ports
| tempest.api.network.test_ports.PortsTestJSON.test_show_port
| tempest.api.network.test_routers.RoutersIpV6Test.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersIpV6Test.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersIpV6Test.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersIpV6Test.test_create_show_list_update_delete_router
| tempest.api.network.test_routers.RoutersTest.test_add_multiple_router_interfaces
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_port_id
| tempest.api.network.test_routers.RoutersTest.test_add_remove_router_interface_with_subnet_id
| tempest.api.network.test_routers.RoutersTest.test_create_show_list_update_delete_router
| tempest.api.network.test_security_groups.SecGroupIPV6Test.test_create_list_update_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPV6Test.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupIPV6Test.test_list_security_groups

```

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

```
| tempest.api.network.test_security_groups.SecGroupTest.test_create_list_update_show_delete_security
| tempest.api.network.test_security_groups.SecGroupTest.test_create_show_delete_security_group_rule
| tempest.api.network.test_security_groups.SecGroupTest.test_list_security_groups
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_list
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_show
| tempest.api.orchestration.stacks.test_resource_types.ResourceTypesTest.test_resource_type_template
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_list
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_deployment_metadata
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_get_software_config
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_create
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_soft_conf.TestSoftwareConfig.test_software_deployment_update
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_crud_no_resources
| tempest.api.orchestration.stacks.test_stacks.StacksTestJSON.test_stack_list_responds
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_c
| tempest.api.telemetry.test_telemetry_notification_api.TelemetryNotificationAPITestJSON.test_check_c
| tempest.api.volume.test_volumes_actions.VolumesV1ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_actions.VolumesV2ActionsTest.test_attach_detach_volume_to_instance
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV1GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete
| tempest.api.volume.test_volumes_get.VolumesV2GetTest.test_volume_create_get_update_delete_from_image
| tempest.api.volume.test_volumes_list.VolumesV1ListTestJSON.test_volume_list
| tempest.api.volume.test_volumes_list.VolumesV2ListTestJSON.test_volume_list
| tempest.scenario.test_network_basic_ops.TestNetworkBasicOps.test_network_basic_ops
| tempest.scenario.test_server_basic_ops.TestServerBasicOps.test_server_basic_ops
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPattern.test_volume_boot_pattern
| tempest.scenario.test_volume_boot_pattern.TestVolumeBootPatternV2.test_volume_boot_pattern
+-----+
run_tempest - INFO - Results: {'timestart': '2016-02-23T10:28:27.307831', 'duration': 931, 'tests': 23}
run_tempest - INFO - Pushing results to DB: 'http://testresults.opnfv.org/testapi/results'.
run_tempest - INFO - Deleting tenant and user for Tempest suite)
```

### 3.30.4 Rally

```
FUNCTEST.info: Running Rally benchmark suite...
run_rally - INFO - Starting test scenario "authenticate" ...
run_rally - INFO -
  Preparing input task
  Task 1e91fffe-1834-4d97-b18c-95b1c3a11763: started
  Task 1e91fffe-1834-4d97-b18c-95b1c3a11763: finished

test scenario Authenticate.validate_glance
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| authenticate.validate_glance         | 0.393 | 0.462  | 0.625  | 0.642  | 0.659 | 0.499 | 100.0%  | 10    |
| authenticate.validate_glance (2)    | 0.042 | 0.05   | 0.222  | 0.235  | 0.247 | 0.101 | 100.0%  | 10    |
| total                                | 0.56  | 0.722  | 0.84   | 0.907  | 0.975 | 0.716 | 100.0%  | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 2.11308193207
Full duration: 6.43925094604

test scenario Authenticate.keystone
```



FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
total	0.096	0.108	0.117	0.118	0.118	0.108	100.0%	10	
Load duration: 0.360912799835									
Full duration: 4.84613108635									
test scenario Authenticate.validate_heat									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_heat	0.198	0.223	0.243	0.246	0.25	0.222	100.0%	10	
authenticate.validate_heat (2)	0.035	0.229	0.268	0.272	0.275	0.195	100.0%	10	
total	0.349	0.56	0.636	0.648	0.66	0.537	100.0%	10	
Load duration: 1.73545908928									
Full duration: 5.89906620979									
test scenario Authenticate.validate_nova									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_nova	0.191	0.225	0.273	0.326	0.379	0.239	100.0%	10	
authenticate.validate_nova (2)	0.193	0.215	0.268	0.324	0.379	0.233	100.0%	10	
total	0.512	0.561	0.696	0.708	0.719	0.589	100.0%	10	
Load duration: 1.73631811142									
Full duration: 6.18624401093									
test scenario Authenticate.validate_cinder									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_cinder	0.187	0.219	0.269	0.451	0.632	0.256	100.0%	10	
authenticate.validate_cinder (2)	0.019	0.202	0.228	0.232	0.235	0.19	100.0%	10	
total	0.318	0.572	0.652	0.81	0.967	0.582	100.0%	10	
Load duration: 1.90990018845									
Full duration: 6.19068098068									
test scenario Authenticate.validate_neutron									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
authenticate.validate_neutron	0.22	0.241	0.324	0.326	0.328	0.255	100.0%	10	
authenticate.validate_neutron (2)	0.21	0.234	0.327	0.349	0.37	0.254	100.0%	10	
total	0.529	0.595	0.67	0.689	0.708	0.613	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

Load duration: 1.81688117981  
Full duration: 5.97459483147

run\_rally - INFO - Test scenario: "authenticate" OK.

run\_rally - INFO - Starting test scenario "glance" ...

run\_rally - INFO -

Preparing input task

Task c991643e-676b-49d8-af8c-cf9655ae236b: started

Task c991643e-676b-49d8-af8c-cf9655ae236b: finished

test scenario GlanceImages.list\_images

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.list_images	0.47	0.551	0.604	0.621	0.638	0.559	100.0%	10
total	0.471	0.551	0.604	0.621	0.638	0.559	100.0%	10

Load duration: 1.7134771347  
Full duration: 7.86669206619

test scenario GlanceImages.create\_image\_and\_boot\_instances

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	3.881	4.628	5.228	5.273	5.317	4.643	100.0%	10
nova.boot_servers	7.198	8.691	9.617	9.773	9.929	8.609	100.0%	10
total	11.395	13.062	14.63	14.674	14.718	13.252	100.0%	10

Load duration: 40.5051100254  
Full duration: 80.9348599911

test scenario GlanceImages.create\_and\_list\_image

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	4.473	4.791	5.258	5.513	5.767	4.935	100.0%	10
glance.list_images	0.046	0.143	0.285	0.293	0.302	0.159	100.0%	10
total	4.67	5.043	5.524	5.679	5.834	5.095	100.0%	10

Load duration: 15.4974470139  
Full duration: 26.4936869144

test scenario GlanceImages.create\_and\_delete\_image

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
glance.create_image	4.297	4.864	5.167	5.345	5.523	4.859	100.0%	10
glance.delete_image	0.842	1.496	1.603	1.702	1.801	1.371	100.0%	10



Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_snapshot	2.807	3.0	3.236	4.094	4.951	3.175	100.0%	10	
cinder.list_snapshots	0.023	0.263	0.29	0.295	0.299	0.238	100.0%	10	
total	3.039	3.247	3.493	4.372	5.251	3.413	100.0%	10	
Load duration: 11.5568339825									
Full duration: 45.8590891361									
test scenario CinderVolumes.create_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.35	3.413	3.511	3.567	3.622	3.434	100.0%	10	
cinder.delete_volume	0.666	2.775	3.101	3.101	3.101	2.07	100.0%	10	
total	4.016	6.163	6.511	6.555	6.6	5.505	100.0%	10	
Load duration: 16.3949551582									
Full duration: 29.3589651585									
test scenario CinderVolumes.create_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	6.12	6.499	8.727	8.888	9.049	6.934	100.0%	10	
cinder.delete_volume	0.689	2.95	3.117	3.132	3.147	2.519	100.0%	10	
total	6.97	9.45	11.391	11.777	12.163	9.454	100.0%	10	
Load duration: 27.9512338638									
Full duration: 42.110273838									
test scenario CinderVolumes.create_and_delete_volume									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.153	3.382	3.523	3.546	3.569	3.401	100.0%	10	
cinder.delete_volume	0.459	1.756	3.107	3.143	3.179	1.823	100.0%	10	
total	3.976	5.273	6.386	6.427	6.468	5.225	100.0%	10	
Load duration: 14.3155708313									
Full duration: 27.9943380356									
test scenario CinderVolumes.create_and_upload_volume_to_image									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	3.216	3.504	3.612	3.614	3.616	3.473	100.0%	10	
cinder.upload_volume_to_image	48.706	66.291	69.416	69.518	69.621	64.031	100.0%	10	

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

cinder.delete_volume	0.681	1.721	3.226	3.286	3.347	1.88	100.0%	10
nova.delete_image	1.064	1.392	1.76	1.884	2.007	1.407	100.0%	10
total	57.671	73.06	75.032	75.707	76.382	70.791	100.0%	10

Load duration: 206.246454954  
Full duration: 221.344403028

test scenario CinderVolumes.create\_and\_delete\_snapshot

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_snapshot	2.886	3.18	5.409	5.479	5.548	3.789	100.0%	10
cinder.delete_snapshot	2.442	2.892	3.051	3.111	3.172	2.875	100.0%	10
total	5.432	6.063	8.28	8.355	8.429	6.664	100.0%	10

Load duration: 20.3915560246  
Full duration: 49.2419481277

test scenario CinderVolumes.create\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.151	3.492	3.579	3.641	3.703	3.459	100.0%	10
total	3.151	3.492	3.579	3.641	3.703	3.459	100.0%	10

Load duration: 10.2652549744  
Full duration: 23.4044110775

test scenario CinderVolumes.create\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.221	3.489	3.632	3.639	3.647	3.448	100.0%	10
total	3.222	3.489	3.632	3.64	3.647	3.448	100.0%	10

Load duration: 10.2576260567  
Full duration: 27.1289498806

test scenario CinderVolumes.list\_volumes

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.list_volumes	0.347	0.409	0.467	0.49	0.514	0.416	100.0%	10
total	0.347	0.409	0.467	0.49	0.514	0.416	100.0%	10

Load duration: 1.25233316422  
Full duration: 60.8991248608

test scenario CinderVolumes.create\_nested\_snapshots\_and\_attach\_volume

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.37	3.431	3.543	3.585	3.627	3.454	100.0%	10
cinder.create_snapshot	2.744	2.922	2.98	2.993	3.006	2.901	100.0%	10
nova.attach_volume	4.052	4.214	6.878	6.969	7.06	4.803	100.0%	10
nova.detach_volume	3.392	3.988	4.066	4.11	4.154	3.906	100.0%	10
cinder.delete_snapshot	0.753	2.605	2.986	3.013	3.04	2.343	100.0%	10
cinder.delete_volume	0.492	2.767	2.955	3.011	3.067	1.989	100.0%	10
total	16.494	20.022	23.368	23.417	23.465	20.126	100.0%	10

Load duration: 59.1712889671

Full duration: 133.726794958

test scenario CinderVolumes.create\_from\_volume\_and\_delete\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.434	3.618	4.006	4.825	5.645	3.835	100.0%	10
cinder.delete_volume	2.853	2.996	3.194	3.231	3.269	3.035	100.0%	10
total	6.323	6.672	7.143	7.89	8.637	6.87	100.0%	10

Load duration: 20.0482749939

Full duration: 48.4943790436

test scenario CinderVolumes.create\_and\_extend\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.242	3.547	3.574	3.574	3.575	3.477	100.0%	10
cinder.extend_volume	0.67	0.904	3.113	3.227	3.341	1.343	100.0%	10
cinder.delete_volume	0.756	2.645	3.074	3.111	3.147	2.224	100.0%	10
total	5.261	7.245	7.684	8.512	9.341	7.045	100.0%	10

Load duration: 21.6863160133

Full duration: 35.5403769016

test scenario CinderVolumes.create\_snapshot\_and\_attach\_volume

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
cinder.create_volume	3.427	3.543	3.82	3.829	3.838	3.59	100.0%	10
cinder.create_snapshot	2.673	2.992	3.109	3.111	3.112	2.928	100.0%	10
nova.attach_volume	3.759	4.112	4.508	5.345	6.182	4.292	100.0%	10
nova.detach_volume	3.458	4.067	4.174	4.261	4.348	4.006	100.0%	10
cinder.delete_snapshot	2.665	2.794	2.946	2.986	3.026	2.823	100.0%	10
cinder.delete_volume	0.707	2.907	3.246	3.257	3.268	2.558	100.0%	10
total	18.87	21.068	21.909	22.497	23.086	20.904	100.0%	10

Load duration: 61.3498468399

Full duration: 141.86026597

```

test scenario CinderVolumes.create_snapshot_and_attach_volume
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume | 2.885 | 3.335 | 3.519 | 3.55   | 3.581 | 3.305 | 100.0% | 10   |
| cinder.create_snapshot | 2.609 | 2.889 | 3.002 | 3.021 | 3.041 | 2.853 | 100.0% | 10   |
| nova.attach_volume   | 3.794 | 4.368 | 6.443 | 6.495 | 6.548 | 4.951 | 100.0% | 10   |
| nova.detach_volume   | 3.341 | 3.93  | 4.07  | 4.11  | 4.15  | 3.862 | 100.0% | 10   |
| cinder.delete_snapshot | 2.73  | 2.943 | 3.009 | 3.029 | 3.049 | 2.912 | 100.0% | 10   |
| cinder.delete_volume  | 0.667 | 2.901 | 3.015 | 3.027 | 3.039 | 2.437 | 100.0% | 10   |
| total               | 18.717 | 21.217 | 22.919 | 23.013 | 23.108 | 21.377 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 62.8349030018
Full duration: 143.571810007

run_rally - INFO - Test scenario: "cinder" OK.

run_rally - INFO - Starting test scenario "heat" ...
run_rally - INFO -
  Preparing input task
  Task 1055c160-be9e-4209-9219-2eda388f64ca: started
  Task 1055c160-be9e-4209-9219-2eda388f64ca: finished

test scenario HeatStacks.create_suspend_resume_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 3.658 | 4.153 | 4.633 | 4.957 | 5.28  | 4.179 | 100.0% | 10   |
| heat.suspend_stack | 0.603 | 0.984 | 1.772 | 1.876 | 1.98  | 1.163 | 100.0% | 10   |
| heat.resume_stack | 0.553 | 1.347 | 2.26  | 2.264 | 2.268 | 1.425 | 100.0% | 10   |
| heat.delete_stack | 1.527 | 1.61  | 1.95  | 1.96  | 1.97  | 1.701 | 100.0% | 10   |
| total             | 7.456 | 8.457 | 9.273 | 9.324 | 9.376 | 8.469 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 25.1924760342
Full duration: 31.4871768951

test scenario HeatStacks.create_and_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 3.724 | 4.253 | 4.355 | 4.361 | 4.366 | 4.141 | 100.0% | 10   |
| heat.delete_stack | 1.538 | 1.86  | 2.427 | 2.427 | 2.428 | 1.933 | 100.0% | 10   |
| total             | 5.609 | 6.117 | 6.381 | 6.402 | 6.422 | 6.073 | 100.0% | 10   |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 18.3157711029
Full duration: 24.7532258034

test scenario HeatStacks.create_and_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
|-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
|-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

heat.create_stack	19.874	21.385	22.341	22.535	22.729	21.343	100.0%	10	
heat.delete_stack	10.707	11.672	12.205	12.275	12.345	11.562	100.0%	10	
total	30.923	33.359	33.959	34.235	34.512	32.905	100.0%	10	
Load duration: 99.1549890041									
Full duration: 105.660290003									
test scenario HeatStacks.create_and_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	15.572	18.262	19.048	19.088	19.127	18.071	100.0%	10	
heat.delete_stack	10.145	10.711	11.519	11.545	11.571	10.78	100.0%	10	
total	25.725	29.14	29.903	30.143	30.382	28.851	100.0%	10	
Load duration: 85.5803580284									
Full duration: 92.0883340836									
test scenario HeatStacks.list_stacks_and_resources									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.list_stacks	0.391	0.425	0.461	0.477	0.492	0.432	100.0%	10	
heat.list_resources_of_0_stacks	0.0	0.0	0.0	0.0	0.0	0.0	100.0%	10	
total	0.391	0.425	0.461	0.477	0.492	0.432	100.0%	10	
Load duration: 1.32646512985									
Full duration: 6.55452680588									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	3.818	4.127	4.55	4.634	4.719	4.191	100.0%	10	
heat.update_stack	2.555	3.026	3.487	3.49	3.493	2.994	100.0%	10	
heat.delete_stack	1.278	1.905	2.468	2.484	2.501	1.938	100.0%	10	
total	8.59	8.987	9.575	9.58	9.585	9.123	100.0%	10	
Load duration: 27.2428030968									
Full duration: 34.0842261314									
test scenario HeatStacks.create_update_delete_stack									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
heat.create_stack	3.817	4.322	4.498	4.571	4.643	4.268	100.0%	10	
heat.update_stack	2.571	3.085	3.495	3.651	3.807	3.093	100.0%	10	
heat.delete_stack	1.261	1.933	2.188	2.23	2.271	1.85	100.0%	10	
total	8.823	9.193	9.529	9.645	9.76	9.211	100.0%	10	



```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 27.712323904
Full duration: 34.6925389767

test scenario HeatStacks.create_update_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 3.534 | 4.559  | 4.878  | 4.986  | 5.094 | 4.397 | 100.0% | 10    |
| heat.update_stack | 4.274 | 4.722  | 5.38   | 5.427  | 5.474 | 4.782 | 100.0% | 10    |
| heat.delete_stack | 2.324 | 2.687  | 3.01   | 3.031  | 3.051 | 2.761 | 100.0% | 10    |
| total           | 10.398 | 11.879 | 12.749 | 13.064 | 13.379 | 11.941 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 36.5785570145
Full duration: 43.5735290051

test scenario HeatStacks.create_update_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.244 | 4.341  | 4.695  | 4.992  | 5.29  | 4.489 | 100.0% | 10    |
| heat.update_stack | 7.174 | 8.094  | 8.59   | 8.598  | 8.605 | 8.081 | 100.0% | 10    |
| heat.delete_stack | 2.663 | 2.892  | 3.804  | 3.808  | 3.813 | 3.088 | 100.0% | 10    |
| total           | 15.231 | 15.561 | 16.269 | 16.292 | 16.315 | 15.659 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 46.8214969635
Full duration: 54.2644329071

test scenario HeatStacks.create_update_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 4.041 | 4.381  | 4.699  | 4.835  | 4.971 | 4.435 | 100.0% | 10    |
| heat.update_stack | 4.032 | 4.694  | 5.611  | 5.758  | 5.906 | 4.82  | 100.0% | 10    |
| heat.delete_stack | 2.715 | 3.034  | 3.306  | 3.315  | 3.324 | 3.036 | 100.0% | 10    |
| total           | 11.427 | 12.204 | 13.196 | 13.241 | 13.286 | 12.292 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 37.1505100727
Full duration: 44.6821551323

test scenario HeatStacks.create_update_delete_stack
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
|
|                                     Response Times (sec)
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| heat.create_stack | 3.692 | 4.397  | 4.751  | 4.908  | 5.065 | 4.428 | 100.0% | 10    |
| heat.update_stack | 3.631 | 4.037  | 4.866  | 4.875  | 4.885 | 4.167 | 100.0% | 10    |
| heat.delete_stack | 1.267 | 1.966  | 2.279  | 2.33   | 2.382 | 1.871 | 100.0% | 10    |
| total           | 9.823 | 10.45  | 11.136 | 11.248 | 11.361 | 10.466 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Load duration: 31.3539619446

```

Full duration: 39.0203011036

test scenario HeatStacks.create\_and\_list\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	4.039	4.653	4.788	4.792	4.796	4.563	100.0%	10
heat.list_stacks	0.052	0.39	0.447	0.461	0.474	0.339	100.0%	10
total	4.106	4.992	5.218	5.244	5.27	4.902	100.0%	10

Load duration: 14.8402919769

Full duration: 27.3945071697

test scenario HeatStacks.create\_check\_delete\_stack

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
heat.create_stack	3.744	4.489	4.836	4.864	4.891	4.475	100.0%	10
heat.check_stack	0.612	1.265	1.684	1.853	2.022	1.261	100.0%	10
heat.delete_stack	1.272	1.804	2.077	2.209	2.342	1.813	100.0%	10
total	6.355	7.754	8.128	8.148	8.168	7.55	100.0%	10

Load duration: 23.1206851006

Full duration: 31.1694560051

run\_rally - INFO - Test scenario: "heat" OK.

run\_rally - INFO - Starting test scenario "keystone" ...

run\_rally - INFO -

Preparing input task

Task 897d895f-d779-44a7-bb9b-0e66854f43da: started

Task 897d895f-d779-44a7-bb9b-0e66854f43da: finished

test scenario KeystoneBasic.create\_tenant\_with\_users

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.199	0.225	0.245	0.26	0.274	0.227	100.0%	10
keystone.create_users	1.448	1.551	1.618	1.62	1.621	1.544	100.0%	10
total	1.702	1.78	1.819	1.83	1.842	1.772	100.0%	10

Load duration: 5.34110379219

Full duration: 17.6792171001

test scenario KeystoneBasic.create\_add\_and\_list\_user\_roles

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.206	0.231	0.279	0.28	0.281	0.238	100.0%	10
keystone.add_role	0.248	0.256	0.3	0.314	0.328	0.269	100.0%	10

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

keystone.list_roles	0.133	0.143	0.175	0.182	0.189	0.149	100.0%	10	
total	0.596	0.655	0.689	0.719	0.75	0.657	100.0%	10	
-----									
Load duration: 1.96121311188									
Full duration: 11.1928119659									
test scenario KeystoneBasic.add_and_remove_user_role									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_role	0.201	0.224	0.231	0.232	0.233	0.22	100.0%	10	
keystone.add_role	0.245	0.259	0.287	0.295	0.304	0.265	100.0%	10	
keystone.remove_role	0.137	0.148	0.164	0.172	0.18	0.15	100.0%	10	
total	0.605	0.631	0.668	0.673	0.679	0.635	100.0%	10	
-----									
Load duration: 1.9179649353									
Full duration: 11.3398149014									
test scenario KeystoneBasic.create_update_and_delete_tenant									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_tenant	0.204	0.23	0.249	0.262	0.276	0.234	100.0%	10	
keystone.update_tenant	0.134	0.136	0.178	0.179	0.18	0.148	100.0%	10	
keystone.delete_tenant	0.288	0.308	0.353	0.36	0.367	0.316	100.0%	10	
total	0.653	0.684	0.749	0.761	0.774	0.698	100.0%	10	
-----									
Load duration: 2.11506795883									
Full duration: 10.1015338898									
test scenario KeystoneBasic.create_and_delete_service									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_service	0.223	0.237	0.288	0.289	0.29	0.245	100.0%	10	
keystone.delete_service	0.14	0.152	0.165	0.175	0.185	0.154	100.0%	10	
total	0.373	0.389	0.43	0.442	0.453	0.399	100.0%	10	
-----									
Load duration: 1.24712610245									
Full duration: 9.40017700195									
test scenario KeystoneBasic.create_tenant									
-----									
Response Times (sec)									
-----									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----									
keystone.create_tenant	0.219	0.235	0.25	0.263	0.277	0.238	100.0%	10	
total	0.219	0.236	0.25	0.263	0.277	0.238	100.0%	10	
-----									
Load duration: 0.738801002502									
Full duration: 6.97619819641									

test scenario KeystoneBasic.create\_user

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_user	0.242	0.253	0.272	0.28	0.288	0.257	100.0%	10
total	0.242	0.253	0.272	0.28	0.288	0.258	100.0%	10

Load duration: 0.813333034515

Full duration: 7.2009499073

test scenario KeystoneBasic.create\_and\_list\_tenants

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.215	0.241	0.264	0.277	0.289	0.245	100.0%	10
keystone.list_tenants	0.128	0.136	0.183	0.202	0.22	0.151	100.0%	10
total	0.366	0.388	0.425	0.44	0.455	0.396	100.0%	10

Load duration: 1.19499707222

Full duration: 10.8357591629

test scenario KeystoneBasic.create\_and\_delete\_role

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_role	0.231	0.252	0.281	0.294	0.307	0.258	100.0%	10
keystone.delete_role	0.28	0.293	0.399	0.418	0.437	0.329	100.0%	10
total	0.511	0.579	0.676	0.69	0.704	0.587	100.0%	10

Load duration: 1.80924010277

Full duration: 10.1753411293

test scenario KeystoneBasic.get\_entities

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
keystone.create_tenant	0.24	0.257	0.281	0.283	0.284	0.258	100.0%	10
keystone.create_user	0.15	0.164	0.206	0.206	0.206	0.171	100.0%	10
keystone.create_role	0.13	0.136	0.143	0.159	0.176	0.139	100.0%	10
keystone.get_tenant	0.13	0.138	0.141	0.143	0.146	0.137	100.0%	10
keystone.get_user	0.112	0.132	0.137	0.137	0.137	0.131	100.0%	10
keystone.get_role	0.129	0.133	0.139	0.156	0.174	0.137	100.0%	10
keystone.service_list	0.129	0.132	0.135	0.137	0.138	0.133	100.0%	10
keystone.get_service	0.132	0.135	0.178	0.178	0.178	0.147	100.0%	10
total	1.204	1.22	1.323	1.328	1.332	1.252	100.0%	10

Load duration: 3.79558706284

Full duration: 16.6252310276

test scenario KeystoneBasic.create\_and\_list\_users

FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
keystone.create_user	0.239	0.266	0.295	0.298	0.301	0.27	100.0%	10	
keystone.list_users	0.137	0.143	0.186	0.211	0.235	0.157	100.0%	10	
total	0.397	0.419	0.448	0.474	0.5	0.427	100.0%	10	
Load duration: 1.30778193474									
Full duration: 8.03108906746									
run_rally - INFO - Test scenario: "keystone" OK.									
run_rally - INFO - Starting test scenario "neutron" ...									
run_rally - INFO -									
Preparing input task									
Task 6e4f3aaf-b5ee-4eeb-8ac3-057f7b4d6309: started									
Task 6e4f3aaf-b5ee-4eeb-8ac3-057f7b4d6309: finished									
test scenario NeutronNetworks.create_and_delete_ports									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.806	0.859	0.937	0.938	0.939	0.873	100.0%	10	
neutron.delete_port	0.202	0.689	0.761	0.777	0.794	0.529	100.0%	10	
total	1.023	1.572	1.686	1.703	1.72	1.401	100.0%	10	
Load duration: 4.3307390213									
Full duration: 57.6386358738									
test scenario NeutronNetworks.create_and_list_routers									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.739	0.817	0.85	0.861	0.871	0.812	100.0%	10	
neutron.create_router	0.079	0.545	0.57	0.584	0.598	0.499	100.0%	10	
neutron.add_interface_router	0.348	0.89	0.978	0.986	0.994	0.793	100.0%	10	
neutron.list_routers	0.047	0.566	0.607	0.612	0.617	0.515	100.0%	10	
total	2.172	2.707	2.868	2.88	2.891	2.618	100.0%	10	
Load duration: 7.91338610649									
Full duration: 64.1935119629									
test scenario NeutronNetworks.create_and_delete_routers									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.769	0.8	0.846	0.881	0.915	0.809	100.0%	10	
neutron.create_router	0.488	0.528	0.576	0.615	0.653	0.539	100.0%	10	
neutron.add_interface_router	0.839	0.882	0.983	0.985	0.987	0.901	100.0%	10	
neutron.remove_interface_router	0.343	0.809	0.898	0.906	0.913	0.763	100.0%	10	

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

neutron.delete_router	0.614	0.686	0.787	0.849	0.912	0.708	100.0%	10
total	3.419	3.666	3.994	3.997	3.999	3.719	100.0%	10

Load duration: 11.0299580097

Full duration: 65.4096131325

test scenario NeutronNetworks.create\_and\_list\_ports

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_port	0.83	0.888	0.995	1.184	1.372	0.935	100.0%	10
neutron.list_ports	0.554	0.625	0.697	0.704	0.712	0.626	100.0%	10
total	1.405	1.487	1.692	1.888	2.084	1.562	100.0%	10

Load duration: 5.07633280754

Full duration: 59.1840729713

test scenario NeutronNetworks.create\_and\_delete\_subnets

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.731	0.806	0.857	0.933	1.01	0.812	100.0%	10
neutron.delete_subnet	0.183	0.688	0.872	0.918	0.965	0.691	100.0%	10
total	0.948	1.544	1.665	1.681	1.696	1.503	100.0%	10

Load duration: 4.69728302956

Full duration: 58.486093998

test scenario NeutronNetworks.create\_and\_delete\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.641	0.686	0.757	0.82	0.883	0.707	100.0%	10
neutron.delete_network	0.158	0.632	0.656	0.665	0.674	0.585	100.0%	10
total	0.901	1.305	1.424	1.469	1.514	1.292	100.0%	10

Load duration: 3.96865105629

Full duration: 36.4033529758

test scenario NeutronNetworks.create\_and\_list\_networks

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_network	0.634	0.679	0.751	0.797	0.844	0.695	100.0%	10
neutron.list_networks	0.472	0.522	0.552	0.555	0.557	0.521	100.0%	10
total	1.154	1.192	1.284	1.327	1.369	1.216	100.0%	10

Load duration: 3.68979907036

Full duration: 38.8585669994

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

test scenario NeutronNetworks.create_and_update_routers									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.759	0.82	0.863	0.871	0.879	0.819	100.0%	10	
neutron.create_router	0.518	0.558	0.62	0.627	0.634	0.566	100.0%	10	
neutron.add_interface_router	0.465	0.878	1.032	1.081	1.13	0.879	100.0%	10	
neutron.update_router	0.158	0.636	0.722	0.73	0.737	0.564	100.0%	10	
total	2.298	2.877	3.13	3.178	3.226	2.827	100.0%	10	
Load duration: 8.47763490677									
Full duration: 62.3842899799									
test scenario NeutronNetworks.create_and_update_networks									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_network	0.627	0.673	0.974	1.044	1.114	0.744	100.0%	10	
neutron.update_network	0.153	0.605	0.623	0.626	0.629	0.564	100.0%	10	
total	0.809	1.285	1.576	1.65	1.723	1.308	100.0%	10	
Load duration: 4.00336408615									
Full duration: 38.2563900948									
test scenario NeutronNetworks.create_and_update_ports									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_port	0.796	0.874	1.084	1.1	1.116	0.908	100.0%	10	
neutron.update_port	0.595	0.622	0.697	0.76	0.823	0.646	100.0%	10	
total	1.44	1.497	1.737	1.82	1.904	1.554	100.0%	10	
Load duration: 4.89373588562									
Full duration: 57.0287640095									
test scenario NeutronNetworks.create_and_list_subnets									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
neutron.create_subnet	0.706	0.775	0.866	0.893	0.92	0.789	100.0%	10	
neutron.list_subnets	0.487	0.519	0.53	0.54	0.55	0.517	100.0%	10	
total	1.233	1.291	1.393	1.414	1.435	1.307	100.0%	10	
Load duration: 3.97321105003									
Full duration: 55.8097410202									
test scenario NeutronNetworks.create_and_update_subnets									
Response Times (sec)									

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

action	min	median	90%ile	95%ile	max	avg	success	count
neutron.create_subnet	0.72	0.834	0.873	0.905	0.936	0.819	100.0%	10
neutron.update_subnet	0.24	0.66	0.83	0.838	0.847	0.61	100.0%	10
total	1.098	1.433	1.66	1.686	1.713	1.429	100.0%	10

Load duration: 4.11318302155  
Full duration: 55.0307190418

run\_rally - INFO - Test scenario: "neutron" OK.

run\_rally - INFO - Starting test scenario "nova" ...  
run\_rally - INFO -  
Preparing input task  
Task 52be10f0-6365-4abd-8a9b-5f626b8c2e7a: started  
Task 52be10f0-6365-4abd-8a9b-5f626b8c2e7a: finished

test scenario NovaKeypair.create\_and\_delete\_keypair

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.695	0.769	0.948	0.991	1.035	0.816	100.0%	10
nova.delete_keypair	0.017	0.453	0.499	0.551	0.604	0.423	100.0%	10
total	0.944	1.187	1.524	1.533	1.542	1.239	100.0%	10

Load duration: 3.69359993935  
Full duration: 34.1216721535

test scenario NovaServers.snapshot\_server

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.boot_server	6.466	7.619	9.603	9.617	9.63	7.898	100.0%	10
nova.create_image	7.251	8.663	10.95	11.033	11.116	8.905	100.0%	10
nova.delete_server	2.865	4.177	4.352	4.362	4.373	3.878	100.0%	10
nova.boot_server (2)	7.263	7.636	9.053	9.177	9.301	7.965	100.0%	10
nova.delete_server (2)	2.41	3.487	3.939	4.129	4.318	3.406	100.0%	10
nova.delete_image	2.217	3.339	3.856	3.864	3.873	3.205	100.0%	10
total	32.246	34.577	37.931	38.819	39.707	35.259	100.0%	10

Load duration: 104.138304949  
Full duration: 162.17621994

test scenario NovaKeypair.boot\_and\_delete\_server\_with\_keypair

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
nova.create_keypair	0.717	0.776	0.905	0.916	0.927	0.799	100.0%	10
nova.boot_server	5.96	7.356	9.573	9.701	9.829	7.641	100.0%	10
nova.delete_server	3.226	3.979	4.24	4.272	4.305	3.929	100.0%	10
nova.delete_keypair	0.018	0.446	0.498	0.498	0.498	0.375	100.0%	10
total	11.513	12.362	14.5	14.767	15.033	12.746	100.0%	10



FuncTest test results, Release brahmaputra.3.0 (41850cb)

Load duration: 37.7138030529									
Full duration: 95.0321340561									
test scenario NovaKeypair.create_and_list_keypairs									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_keypair	0.706	0.754	0.859	0.881	0.904	0.766	100.0%	10	
nova.list_keypairs	0.021	0.458	0.489	0.492	0.495	0.412	100.0%	10	
total	0.767	1.195	1.282	1.326	1.371	1.178	100.0%	10	
Load duration: 3.66450190544									
Full duration: 35.3121151924									
test scenario NovaServers.list_servers									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.list_servers	1.158	1.197	1.257	1.26	1.263	1.207	100.0%	10	
total	1.158	1.197	1.257	1.26	1.263	1.207	100.0%	10	
Load duration: 3.67958188057									
Full duration: 102.272238016									
test scenario NovaServers.resize_server									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	6.482	7.414	8.638	9.129	9.619	7.594	100.0%	10	
nova.resize	12.87	13.632	13.841	14.061	14.281	13.519	100.0%	10	
nova.resize_confirm	3.854	4.236	4.429	4.579	4.729	4.184	100.0%	10	
nova.delete_server	2.853	3.971	4.187	4.209	4.231	3.798	100.0%	10	
total	27.866	29.013	29.93	30.646	31.361	29.095	100.0%	10	
Load duration: 86.1472420692									
Full duration: 116.147330999									
test scenario NovaServers.boot_server_from_volume_and_delete									
Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
cinder.create_volume	7.809	9.646	10.21	10.4	10.59	9.268	100.0%	10	
nova.boot_server	7.938	9.663	10.373	10.451	10.528	9.379	100.0%	10	
nova.delete_server	3.263	4.164	4.323	4.341	4.359	3.965	100.0%	10	
total	21.009	22.166	24.464	24.608	24.752	22.612	100.0%	10	
Load duration: 65.8047540188									
Full duration: 133.871994019									

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

```
test scenario NovaServers.boot_and_migrate_server
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server | 6.526 | 7.611  | 9.253  | 9.328  | 9.404 | 7.939 | 100.0% | 10    |
| nova.stop_server | 3.956 | 4.801  | 7.753  | 7.839  | 7.924 | 5.676 | 100.0% | 10    |
| nova.migrate     | 9.278 | 9.686  | 10.387 | 10.401 | 10.415 | 9.75  | 100.0% | 10    |
| nova.resize_confirm | 3.763 | 4.624  | 4.769  | 4.775  | 4.781 | 4.457 | 100.0% | 10    |
| nova.delete_server | 3.333 | 3.772  | 4.263  | 4.388  | 4.514 | 3.895 | 100.0% | 10    |
| total           | 28.369 | 30.746 | 35.217 | 35.664 | 36.111 | 31.718 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 95.1431679726  
Full duration: 124.915132999

```
test scenario NovaServers.boot_and_delete_server
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server | 7.051 | 7.863  | 9.774  | 9.886  | 9.999 | 8.295 | 100.0% | 10    |
| nova.delete_server | 2.506 | 4.173  | 4.427  | 5.12   | 5.813 | 4.06  | 100.0% | 10    |
| total           | 10.355 | 11.708 | 14.201 | 15.006 | 15.812 | 12.355 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 36.3530268669  
Full duration: 92.853083849

```
test scenario NovaServers.boot_and_rebuild_server
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server | 6.552 | 7.699  | 10.036 | 10.113 | 10.19 | 8.371 | 100.0% | 10    |
| nova.rebuild_server | 9.522 | 11.78  | 13.651 | 13.906 | 14.162 | 11.746 | 100.0% | 10    |
| nova.delete_server | 3.327 | 4.064  | 4.61   | 4.82   | 5.03  | 4.065 | 100.0% | 10    |
| total           | 19.511 | 25.224 | 26.458 | 26.522 | 26.586 | 24.182 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 73.8343379498  
Full duration: 129.419740915

```
test scenario NovaSecGroup.create_and_list_secgroups
+-----+
|                                     Response Times (sec)                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action          | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.create_10_security_groups | 6.563 | 9.397  | 10.161 | 10.173 | 10.185 | 8.839 | 100.0% | 10    |
| nova.create_100_rules          | 45.018 | 49.294 | 56.133 | 56.18  | 56.227 | 50.472 | 100.0% | 10    |
| nova.list_security_groups      | 0.111 | 0.217  | 0.579  | 0.601  | 0.623  | 0.264 | 100.0% | 10    |
| total                         | 52.204 | 58.754 | 65.138 | 65.785 | 66.433 | 59.576 | 100.0% | 10    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

Load duration: 179.173851967  
Full duration: 240.213445902

```
test scenario NovaSecGroup.create_and_delete_secgroups
```

FuncTest test results, Release brahmaputra.3.0 (41850cb)

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	7.358	9.711	10.153	10.476	10.798	9.428	100.0%	10	
nova.create_100_rules	47.694	51.106	54.599	55.137	55.674	51.004	100.0%	10	
nova.delete_10_security_groups	1.777	3.576	4.456	4.736	5.016	3.515	100.0%	10	
total	59.615	63.877	66.262	66.848	67.435	63.947	100.0%	10	

Load duration: 191.541640997  
Full duration: 222.269508839

test scenario NovaServers.boot\_and\_bounce\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	7.313	7.988	8.758	9.045	9.331	8.15	100.0%	10	
nova.reboot_server	5.889	6.906	7.056	7.078	7.101	6.624	100.0%	10	
nova.soft_reboot_server	6.349	6.773	8.096	8.126	8.156	6.947	100.0%	10	
nova.stop_server	4.4	5.425	6.714	7.318	7.922	5.67	100.0%	10	
nova.start_server	2.424	4.059	5.269	5.417	5.564	4.057	100.0%	10	
nova.rescue_server	8.473	9.131	9.695	9.957	10.219	9.177	100.0%	10	
nova.unrescue_server	2.688	5.82	6.893	6.92	6.948	5.504	100.0%	10	
nova.delete_server	3.393	3.812	4.417	4.473	4.53	3.858	100.0%	10	
total	47.129	50.214	51.652	52.087	52.523	50.006	100.0%	10	

Load duration: 150.170030117  
Full duration: 206.320158958

test scenario NovaServers.boot\_server

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.boot_server	7.775	8.214	9.964	10.061	10.157	8.648	100.0%	10	
total	7.775	8.214	9.965	10.061	10.157	8.649	100.0%	10	

Load duration: 25.5615310669  
Full duration: 72.0356788635

test scenario NovaSecGroup.boot\_and\_delete\_server\_with\_secgroups

Response Times (sec)									
action	min	median	90%ile	95%ile	max	avg	success	count	
nova.create_10_security_groups	7.852	9.225	10.298	10.398	10.498	9.327	100.0%	10	
nova.create_100_rules	45.734	50.042	52.231	53.454	54.678	49.891	100.0%	10	
nova.boot_server	5.843	6.686	7.412	7.548	7.683	6.632	100.0%	10	
nova.get_attached_security_groups	0.173	0.215	0.678	0.757	0.836	0.311	100.0%	10	
nova.delete_server	2.437	2.94	3.313	3.412	3.512	2.92	100.0%	10	
nova.delete_10_security_groups	2.172	3.217	4.733	5.576	6.419	3.474	100.0%	10	
total	67.914	73.688	75.248	75.466	75.684	72.556	100.0%	10	

```

Load duration: 217.134851933
Full duration: 273.106995821

test scenario NovaServers.pause_and_unpause_server
-----+-----+
|                                     Response Times (sec)                                     |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server                    | 7.355 | 8.061  | 9.184  | 9.727  | 10.271 | 8.306 | 100.0% | 10    |
| nova.pause_server                   | 2.766 | 3.437  | 3.779  | 3.807  | 3.836  | 3.361 | 100.0% | 10    |
| nova.unpause_server                 | 2.762 | 3.685  | 3.988  | 4.013  | 4.037  | 3.492 | 100.0% | 10    |
| nova.delete_server                  | 2.835 | 3.909  | 4.299  | 4.343  | 4.387  | 3.776 | 100.0% | 10    |
| total                               | 16.602 | 18.903 | 20.184 | 20.456 | 20.729 | 18.936 | 100.0% | 10    |
-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 57.0698840618
Full duration: 114.94224596

test scenario NovaServers.boot_server_from_volume
-----+-----+
|                                     Response Times (sec)                                     |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cinder.create_volume                | 7.772 | 10.48  | 10.909 | 11.031 | 11.154 | 9.647 | 100.0% | 10    |
| nova.boot_server                    | 8.129 | 9.825  | 11.137 | 11.167 | 11.196 | 9.722 | 100.0% | 10    |
| total                               | 16.389 | 19.221 | 21.482 | 21.884 | 22.285 | 19.369 | 100.0% | 10    |
-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 57.2666420937
Full duration: 114.729999065

test scenario NovaServers.boot_and_list_server
-----+-----+
|                                     Response Times (sec)                                     |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| nova.boot_server                    | 7.43  | 8.747  | 9.88   | 10.022 | 10.163 | 8.832 | 100.0% | 10    |
| nova.list_servers                   | 0.267 | 1.207  | 1.259  | 1.275  | 1.29   | 1.04  | 100.0% | 10    |
| total                               | 8.602 | 9.378  | 11.07  | 11.227 | 11.384 | 9.873 | 100.0% | 10    |
-----+-----+-----+-----+-----+-----+-----+-----+-----+

Load duration: 29.5450980663
Full duration: 106.656322002

run_rally - INFO - Test scenario: "nova" OK.

run_rally - INFO - Starting test scenario "quotas" ...
run_rally - INFO -
  Preparing input task
  Task dcebd6f2-6fd1-4d5d-8d66-445030082b6c: started
  Task dcebd6f2-6fd1-4d5d-8d66-445030082b6c: finished

test scenario Quotas.cinder_update
-----+-----+
|                                     Response Times (sec)                                     |
-----+-----+-----+-----+-----+-----+-----+-----+-----+
| action                               | min   | median | 90%ile | 95%ile | max   | avg   | success | count |
-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

**FuncTest test results, Release brahmaputra.3.0 (41850cb)**

quotas.update_quotas	1.163	1.265	1.531	1.556	1.581	1.345	100.0%	10	
total	1.163	1.265	1.531	1.556	1.581	1.345	100.0%	10	
-----+									
Load duration: 4.06574201584									
Full duration: 14.4119129181									
test scenario Quotas.neutron_update									
-----+									
Response Times (sec)									
-----+									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+									
quotas.update_quotas	0.498	0.56	0.589	0.591	0.593	0.558	100.0%	10	
total	0.62	0.66	0.701	0.702	0.703	0.667	100.0%	10	
-----+									
Load duration: 2.05467915535									
Full duration: 11.7390589714									
test scenario Quotas.cinder_update_and_delete									
-----+									
Response Times (sec)									
-----+									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+									
quotas.update_quotas	1.19	1.288	1.399	1.415	1.432	1.303	100.0%	10	
quotas.delete_quotas	0.531	1.107	1.208	1.235	1.262	1.062	100.0%	10	
total	1.779	2.435	2.535	2.549	2.562	2.365	100.0%	10	
-----+									
Load duration: 7.07872509956									
Full duration: 17.2571020126									
test scenario Quotas.nova_update_and_delete									
-----+									
Response Times (sec)									
-----+									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+									
quotas.update_quotas	0.669	0.708	0.732	0.745	0.757	0.703	100.0%	10	
quotas.delete_quotas	0.02	0.508	0.557	0.558	0.559	0.466	100.0%	10	
total	0.727	1.212	1.275	1.28	1.285	1.169	100.0%	10	
-----+									
Load duration: 3.64670991898									
Full duration: 13.1532580853									
test scenario Quotas.nova_update									
-----+									
Response Times (sec)									
-----+									
action	min	median	90%ile	95%ile	max	avg	success	count	
-----+									
quotas.update_quotas	0.652	0.726	0.761	0.766	0.77	0.722	100.0%	10	
total	0.652	0.727	0.762	0.766	0.77	0.722	100.0%	10	
-----+									
Load duration: 2.22018194199									
Full duration: 11.9367260933									
run_rally - INFO - Test scenario: "quotas" OK.									

## FuncTest test results, Release brahmaputra.3.0 (41850cb)

```
run_rally - INFO - Starting test scenario "requests" ...
run_rally - INFO -
  Preparing input task
  Task 89de006e-a4fd-4526-9211-477075f8e5fc: started
Task 89de006e-a4fd-4526-9211-477075f8e5fc: finished
```

```
test scenario HttpRequests.check_random_request
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
requests.check_request	0.184	0.456	1.019	1.022	1.026	0.555	100.0%	10
total	0.184	0.456	1.02	1.023	1.026	0.555	100.0%	10

```
Load duration: 1.69973492622
```

```
Full duration: 5.72609114647
```

```
test scenario HttpRequests.check_request
```

Response Times (sec)								
action	min	median	90%ile	95%ile	max	avg	success	count
requests.check_request	0.185	0.189	0.191	0.194	0.197	0.189	100.0%	10
total	0.185	0.189	0.191	0.194	0.197	0.189	100.0%	10

```
Load duration: 0.616016864777
```

```
Full duration: 4.89253997803
```

```
run_rally - INFO - Test scenario: "requests" OK.
```

```
run_rally - INFO -
```

### Rally Summary Report

Module	Duration	nb. Test Run	Success
authenticate	00:35	10	100.00%
glance	02:20	7	100.00%
cinder	19:44	50	100.00%
heat	09:29	35	100.00%
keystone	01:59	29	100.00%
neutron	10:48	31	100.00%
nova	39:36	61	100.00%
quotas	01:08	7	100.00%
requests	00:10	2	100.00%
<b>TOTAL:</b>	<b>01:25:53</b>	<b>232</b>	<b>100.00%</b>

=====+

### 3.31 SDN Controller

#### 3.31.1 ODL

```

=====
Basic
=====
Basic.010 Restconf OK :: Test suite to verify Restconf is OK
=====
Get Controller Modules :: Get the controller modules via Restconf      | PASS |
-----
Basic.010 Restconf OK :: Test suite to verify Restconf is OK          | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Basic                                                                    | PASS |
1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed
=====
Output:  /home/opnfv/output.xml
Log:     /home/opnfv/log.html
Report:  /home/opnfv/report.html
=====
Neutron :: Test suite for Neutron Plugin
=====
Neutron.Networks :: Checking Network created in OpenStack are pushed to Ope...
=====
Check OpenStack Networks :: Checking OpenStack Neutron for known n... | PASS |
-----
Check OpenDaylight Networks :: Checking OpenDaylight Neutron API f... | PASS |
-----
Create Network :: Create new network in OpenStack                      | PASS |
-----
Check Network :: Check Network created in OpenDaylight                 | PASS |
-----
Neutron.Networks :: Checking Network created in OpenStack are push... | PASS |
4 critical tests, 4 passed, 0 failed
4 tests total, 4 passed, 0 failed
=====
Neutron.Subnets :: Checking Subnets created in OpenStack are pushed to Open...
=====
Check OpenStack Subnets :: Checking OpenStack Neutron for known Su... | PASS |
-----
Check OpenDaylight subnets :: Checking OpenDaylight Neutron API fo... | PASS |
-----
Create New subnet :: Create new subnet in OpenStack                   | PASS |
-----
Check New subnet :: Check new subnet created in OpenDaylight          | PASS |
-----
Neutron.Subnets :: Checking Subnets created in OpenStack are pushe... | PASS |
4 critical tests, 4 passed, 0 failed
4 tests total, 4 passed, 0 failed
=====
Neutron.Ports :: Checking Port created in OpenStack are pushed to OpenDaylight

```

```
=====  
Check OpenStack ports :: Checking OpenStack Neutron for known ports | PASS |  
-----  
Check OpenDaylight ports :: Checking OpenDaylight Neutron API for ... | PASS |  
-----  
Create New Port :: Create new port in OpenStack | PASS |  
-----  
Check New Port :: Check new subnet created in OpenDaylight | PASS |  
-----  
Neutron.Ports :: Checking Port created in OpenStack are pushed to ... | PASS |  
4 critical tests, 4 passed, 0 failed  
4 tests total, 4 passed, 0 failed  
=====  
Neutron.Delete Ports :: Checking Port deleted in OpenStack are deleted also...  
-----  
Delete New Port :: Delete previously created port in OpenStack | PASS |  
-----  
Check Port Deleted :: Check port deleted in OpenDaylight | PASS |  
-----  
Neutron.Delete Ports :: Checking Port deleted in OpenStack are del... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
=====  
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack are deleted...  
-----  
Delete New subnet :: Delete previously created subnet in OpenStack | PASS |  
-----  
Check New subnet deleted :: Check subnet deleted in OpenDaylight | PASS |  
-----  
Neutron.Delete Subnets :: Checking Subnets deleted in OpenStack ar... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
=====  
Neutron.Delete Networks :: Checking Network deleted in OpenStack are delete...  
-----  
Delete Network :: Delete network in OpenStack | PASS |  
-----  
Check Network deleted :: Check Network deleted in OpenDaylight | PASS |  
-----  
Neutron.Delete Networks :: Checking Network deleted in OpenStack a... | PASS |  
2 critical tests, 2 passed, 0 failed  
2 tests total, 2 passed, 0 failed  
=====  
Neutron :: Test suite for Neutron Plugin | PASS |  
18 critical tests, 18 passed, 0 failed  
18 tests total, 18 passed, 0 failed
```

## 3.32 Feature tests

### 3.32.1 Promise

```
FUNCTEST.info: Running PROMISE test case...  
Promise- INFO - Creating tenant 'promise'...  
Promise- INFO - Adding role 'eed9b04b536646c994679496e7b653cc' to tenant 'promise'...  
Promise- INFO - Creating user 'promiser'...
```



```

Promise- INFO - Updating OpenStack credentials...
Promise- INFO - Creating image 'promise-img' from '/home/opnfv/funcstest/data/cirros-0.3.4-x86_64-disk.img'...
Promise- INFO - Creating flavor 'promise-flavor'...
Promise- INFO - Exporting environment variables...
Promise- INFO - Running command: npm run -s test -- --reporter json
Promise- INFO - The test succeeded.
{
  "stats": {
    "suites": 23,
    "tests": 33,
    "passes": 33,
    "pending": 0,
    "failures": 0,
    "start": "2016-02-23T10:44:37.402Z",
    "end": "2016-02-23T10:44:42.006Z",
    "duration": 4604
  },
  "tests": [
    {
      "title": "should add a new OpenStack provider without error",
      "fullTitle": "promise register OpenStack into resource pool add-provider should add a new OpenStack provider without error",
      "duration": 1171,
      "err": {}
    },
    {
      "title": "should update promise.providers with a new entry",
      "fullTitle": "promise register OpenStack into resource pool add-provider should update promise.providers with a new entry",
      "duration": 7,
      "err": {}
    },
    {
      "title": "should contain a new ResourceProvider record in the store",
      "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new ResourceProvider record in the store",
      "duration": 1,
      "err": {}
    },
    {
      "title": "should add more capacity to the reservation service without error",
      "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more capacity to the reservation service without error",
      "duration": 29,
      "err": {}
    },
    {
      "title": "should update promise.pools with a new entry",
      "fullTitle": "promise register OpenStack into resource pool increase-capacity should update promise.pools with a new entry",
      "duration": 1,
      "err": {}
    },
    {
      "title": "should contain a ResourcePool record in the store",
      "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a ResourcePool record in the store",
      "duration": 0,
      "err": {}
    },
    {
      "title": "should report total collections and utilizations",
      "fullTitle": "promise register OpenStack into resource pool query-capacity should report total collections and utilizations",
      "duration": 23,

```

```

    "err": {}
  },
  {
    "title": "should contain newly added capacity pool",
    "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly",
    "duration": 13,
    "err": {}
  },
  {
    "title": "should create a new server in target provider without error",
    "fullTitle": "promise allocation without reservation create-instance should create a new server",
    "duration": 1144,
    "err": {}
  },
  {
    "title": "should update promise.allocations with a new entry",
    "fullTitle": "promise allocation without reservation create-instance should update promise.all",
    "duration": 3,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation without reservation create-instance should contain a new Resou",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should reference the created server ID from the provider",
    "fullTitle": "promise allocation without reservation create-instance should reference the creat",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should have low priority state",
    "fullTitle": "promise allocation without reservation create-instance should have low priority s",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (no start/end) without error",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 71,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 9,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-reservation should",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create a new server in target provider (with reservation) without error",

```

```

    "fullTitle": "promise allocation using reservation for immediate use create-instance should create reservation record in the store",
    "duration": 1025,
    "err": {}
  },
  {
    "title": "should contain a new ResourceAllocation record in the store",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should contain a new ResourceAllocation record in the store",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should be referenced in the reservation record",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should be referenced in the reservation record",
    "duration": 5,
    "err": {}
  },
  {
    "title": "should have high priority state",
    "fullTitle": "promise allocation using reservation for immediate use create-instance should have high priority state",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should create reservation record (for future) without error",
    "fullTitle": "promise reservation for future use create-reservation should create reservation record (for future) without error",
    "duration": 125,
    "err": {}
  },
  {
    "title": "should update promise.reservations with a new entry",
    "fullTitle": "promise reservation for future use create-reservation should update promise.reservations with a new entry",
    "duration": 18,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise reservation for future use create-reservation should contain a new ResourceReservation record in the store",
    "duration": 0,
    "err": {}
  },
  {
    "title": "should contain newly created future reservation",
    "fullTitle": "promise reservation for future use query-reservation should contain newly created future reservation",
    "duration": 74,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use update-reservation should modify existing reservation without error",
    "duration": 88,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use cancel-reservation should modify existing reservation without error",
    "duration": 19,
    "err": {}
  },
  },

```

```

{
  "title": "should no longer contain record of the deleted reservation",
  "fullTitle": "promise reservation for future use cancel-reservation should no longer contain record of the deleted reservation",
  "duration": 1,
  "err": {}
},
{
  "title": "should decrease available capacity from a provider in the future",
  "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity from a provider in the future",
  "duration": 18,
  "err": {}
},
{
  "title": "should increase available capacity from a provider in the future",
  "fullTitle": "promise capacity planning increase-capacity should increase available capacity from a provider in the future",
  "duration": 13,
  "err": {}
},
{
  "title": "should report available collections and utilizations",
  "fullTitle": "promise capacity planning query-capacity should report available collections and utilizations",
  "duration": 66,
  "err": {}
},
{
  "title": "should fail to create immediate reservation record with proper error",
  "fullTitle": "promise reservation with conflict create-reservation should fail to create immediate reservation record with proper error",
  "duration": 74,
  "err": {}
},
{
  "title": "should fail to create future reservation record with proper error",
  "fullTitle": "promise reservation with conflict create-reservation should fail to create future reservation record with proper error",
  "duration": 69,
  "err": {}
},
{
  "title": "should successfully destroy all allocations",
  "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy all allocations",
  "duration": 507,
  "err": {}
}
],
"pending": [],
"failures": [],
"passes": [
  {
    "title": "should add a new OpenStack provider without error",
    "fullTitle": "promise register OpenStack into resource pool add-provider should add a new OpenStack provider without error",
    "duration": 1171,
    "err": {}
  },
  {
    "title": "should update promise.providers with a new entry",
    "fullTitle": "promise register OpenStack into resource pool add-provider should update promise.providers with a new entry",
    "duration": 7,
    "err": {}
  }
]

```

```

{
  "title": "should contain a new ResourceProvider record in the store",
  "fullTitle": "promise register OpenStack into resource pool add-provider should contain a new ResourceProvider record in the store",
  "duration": 1,
  "err": {}
},
{
  "title": "should add more capacity to the reservation service without error",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should add more capacity to the reservation service without error",
  "duration": 29,
  "err": {}
},
{
  "title": "should update promise.pools with a new entry",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should update promise.pools with a new entry",
  "duration": 1,
  "err": {}
},
{
  "title": "should contain a ResourcePool record in the store",
  "fullTitle": "promise register OpenStack into resource pool increase-capacity should contain a ResourcePool record in the store",
  "duration": 0,
  "err": {}
},
{
  "title": "should report total collections and utilizations",
  "fullTitle": "promise register OpenStack into resource pool query-capacity should report total collections and utilizations",
  "duration": 23,
  "err": {}
},
{
  "title": "should contain newly added capacity pool",
  "fullTitle": "promise register OpenStack into resource pool query-capacity should contain newly added capacity pool",
  "duration": 13,
  "err": {}
},
{
  "title": "should create a new server in target provider without error",
  "fullTitle": "promise allocation without reservation create-instance should create a new server in target provider without error",
  "duration": 1144,
  "err": {}
},
{
  "title": "should update promise.allocations with a new entry",
  "fullTitle": "promise allocation without reservation create-instance should update promise.allocations with a new entry",
  "duration": 3,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation without reservation create-instance should contain a new ResourceAllocation record in the store",
  "duration": 0,
  "err": {}
},
{
  "title": "should reference the created server ID from the provider",
  "fullTitle": "promise allocation without reservation create-instance should reference the created server ID from the provider",
  "duration": 0,
  "err": {}
}

```

```
"err": {}
},
{
  "title": "should have low priority state",
  "fullTitle": "promise allocation without reservation create-instance should have low priority state",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (no start/end) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should create reservation record (no start/end) without error",
  "duration": 71,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should update promise.reservations with a new entry",
  "duration": 9,
  "err": {}
},
{
  "title": "should contain a new ResourceReservation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-reservation should contain a new ResourceReservation record in the store",
  "duration": 0,
  "err": {}
},
{
  "title": "should create a new server in target provider (with reservation) without error",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should create a new server in target provider (with reservation) without error",
  "duration": 1025,
  "err": {}
},
{
  "title": "should contain a new ResourceAllocation record in the store",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should contain a new ResourceAllocation record in the store",
  "duration": 0,
  "err": {}
},
{
  "title": "should be referenced in the reservation record",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should be referenced in the reservation record",
  "duration": 5,
  "err": {}
},
{
  "title": "should have high priority state",
  "fullTitle": "promise allocation using reservation for immediate use create-instance should have high priority state",
  "duration": 0,
  "err": {}
},
{
  "title": "should create reservation record (for future) without error",
  "fullTitle": "promise reservation for future use create-reservation should create reservation record (for future) without error",
  "duration": 125,
  "err": {}
},
{
  "title": "should update promise.reservations with a new entry",
```

```

    "fullTitle": "promise reservation for future use create-reservation should update promise.reser
    "duration": 18,
    "err": {}
  },
  {
    "title": "should contain a new ResourceReservation record in the store",
    "fullTitle": "promise reservation for future use create-reservation should contain a new Resour
    "duration": 0,
    "err": {}
  },
  {
    "title": "should contain newly created future reservation",
    "fullTitle": "promise reservation for future use query-reservation should contain newly create
    "duration": 74,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use update-reservation should modify existing rese
    "duration": 88,
    "err": {}
  },
  {
    "title": "should modify existing reservation without error",
    "fullTitle": "promise reservation for future use cancel-reservation should modify existing rese
    "duration": 19,
    "err": {}
  },
  {
    "title": "should no longer contain record of the deleted reservation",
    "fullTitle": "promise reservation for future use cancel-reservation should no longer contain re
    "duration": 1,
    "err": {}
  },
  {
    "title": "should decrease available capacity from a provider in the future",
    "fullTitle": "promise capacity planning decrease-capacity should decrease available capacity fr
    "duration": 18,
    "err": {}
  },
  {
    "title": "should increase available capacity from a provider in the future",
    "fullTitle": "promise capacity planning increase-capacity should increase available capacity fr
    "duration": 13,
    "err": {}
  },
  {
    "title": "should report available collections and utilizations",
    "fullTitle": "promise capacity planning query-capacity should report available collections and
    "duration": 66,
    "err": {}
  },
  {
    "title": "should fail to create immediate reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create immedi
    "duration": 74,
    "err": {}
  },
  },

```

```
{
  {
    "title": "should fail to create future reservation record with proper error",
    "fullTitle": "promise reservation with conflict create-reservation should fail to create future",
    "duration": 69,
    "err": {}
  },
  {
    "title": "should successfully destroy all allocations",
    "fullTitle": "promise cleanup test allocations destroy-instance should successfully destroy al",
    "duration": 507,
    "err": {}
  }
]
}
Promise- INFO -
*****
      Promise test report
*****
Suites:      23
Tests:       33
Passes:      33
Pending:     0
Failures:    0
Start:       2016-02-23T10:44:37.402Z
End:         2016-02-23T10:44:42.006Z
Duration:    4.604
*****
Promise- INFO - Pushing results to DB...
```