

OVP Danube Reviewer Guidelines

Reviewers must follow the checklist below to ensure review consistency for the OPNFV Danube release at a minimum.

1. **Mandatory Test Areas** - all mandatory test areas are present
2. **Test-Case Count within Test Area** - total number of test-cases are present in each test area
3. **Test-Case Pass Percentage** - all tests have passed (100% pass rate)
4. **Log File Verification** - inspect the log file for each test area (osinterop, ha, vping)
5. **SUT Info Verification** - validate the hardware and software endpoint info is present

1. Mandatory Test Areas

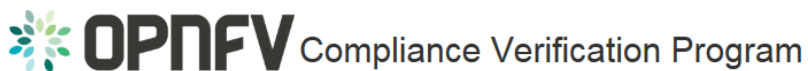
Validate that all mandatory test areas are included in the overall test suite. The required mandatory test areas are:

- **osinterop**
- **vping**
- **ha**

Login to the OVP portal at:

<https://verified.opnfv.org>

Click on the 'My Results' tab in top-level navigation bar.



Home	My Results	Profile	Sign Out
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The OVP administrator will ask for review volunteers using the cvp@opnfv.org email alias. The incoming results for review will be identified by the administrator with particular 'Test ID' and 'Owner' values. The corresponding OVP portal result will have a status of 'review'.

Upload Date	Test ID	Owner	File Name	Label	Status	Log	SUT	Operation	Share List
2017-11-03 23:18:53	a00c47e8	jtaylor	logs_16_05_12.tar.gz	Xinocom Results	review	logs	info	OPERATION +	SHARE LIST +

In the example above, this information will be provided as:

- Test ID: a00c47e8
- Owner: jtaylor

Click on the hyperlink within the 'Test ID' column.

** Note, that the 'Test ID' column in this view condenses the UUID used for 'Test ID' to 8 characters even though the 'Test ID' is a longer UUID in the back-end.*

Test Result Overview

Test Filters:

AllPassedNot Passed

ExpandCollapse

Test ID: a00c47e8-b22d-11e7-a96e-0242ac11000f

1. dovetail.osinterop.tc001 [205/205] ⚙

2. dovetail.vping.tc001 [1/1] ⚙

3. dovetail.vping.tc002 [1/1] ⚙

4. dovetail.ha.tc001 [1/1] ⚙

5. dovetail.ha.tc002 [1/1] ⚙

6. dovetail.ha.tc003 [1/1] ⚙

7. dovetail.ha.tc004 [1/1] ⚙

8. dovetail.ha.tc005 [1/1] ⚙

9. dovetail.ha.tc006 [1/1] ⚙

10. dovetail.ha.tc007 [1/1] ⚙

11. dovetail.ha.tc008 [1/1] ⚙

osinterop test area

vping test area

ha test area

The 'Test ID' hyperlink toggles the view to a top-level listing of the results displayed above. Validate that osinterop, vping and ha test areas are all present within the view.

2. Test-Case Count within Test Area

Validate the test-case count within each test area. For the Danube release, this must break down as outlined in the table below.

Mandatory Test Area	Test-Case Count
osinterop	205
ha	8
vping	2
Total	215

In the diagram above (from section 1), these counts can be gleaned from the numbers to the right of the test-cases. The total number is given for the osinterop (dovetail.osinterop.tc001) test area at 205. The vping (dovetail.vping.tc00x) and ha (dovetail.ha.tc00x) test-cases are broken down separately with a line for each test-case. Directly above the 'Test Result Overview' listing there's a summary labelled 'Test Run Results' shown below.

Test Run Results

Test ID: a00c47e8-b22d-11e7-a96e-0242ac11000f

Total: 215, Pass: 215, Rate: 100.00%

Mandatory Total: 215, Pass: 215, Rate: 100.00%

Optional Total: 0, Pass: 0, Rate: %

The above output can serve as another validation. For Danube, a mandatory total of **215** test-cases must be present (205+8+2).

Test Run Results

Test ID: da00b2ce-b7f3-11e7-97c2-0242ac110004

Total: 214, Pass: 214, Rate: 100.00%

Mandatory Total: 214, Pass: 214, Rate: 100.00%

Optional Total: 0, Pass: 0, Rate: %

Test Result Overview

Test Filters:

All

Passed

Not Passed

Test ID: da00b2ce-b7f3-11e7-97c2-0242ac110004

1. dovetail.osinterop.tc001 [205/205] ⚙
2. dovetail.vping.tc001 [1/1] ⚙
3. dovetail.vping.tc002 [1/1] ⚙
4. dovetail.ha.tc001 [1/1] ⚙
5. dovetail.ha.tc002 [1/1] ⚙
6. dovetail.ha.tc003 [1/1] ⚙
7. dovetail.ha.tc004 [1/1] ⚙
8. dovetail.ha.tc005 [1/1] ⚙
9. dovetail.ha.tc006 [1/1] ⚙
10. dovetail.ha.tc007 [1/1] ⚙

Missing ha test-case

An example of a listing that should flag a negative review is shown above. The mandatory total contains only 214 test-cases, which is missing one of the ha test-cases.

3. Test-Case Pass Percentage

All mandatory test-cases must pass. This can be validated in multiple ways. The below diagram of the 'Test Run Results' is one method and shows that 100% of the mandatory test-cases have passed. This value must not be lower than 100%.

Test Run Results

Test ID: a00c47e8-b22d-11e7-a96e-0242ac11000f

Total: 215, Pass: 215, Rate: 100.00%

Mandatory Total: 215, Pass: 215, Rate: 100.00%

Optional Total: 0, Pass: 0, Rate: %

Another method to check that all mandatory test-cases have passed is shown in the diagram below. The pass/total is given as a fraction and highlighted here in yellow. For the osinterop test area, the result must display [205/205] and for each of the test-cases under the vping and ha test areas [1/1] must be displayed.

Test Result Overview

Test Filters:

All Passed Not Passed

Test ID: a00c47e8-b22d-11e7-a96e-0242ac11000f

1. dovetail.osinterop.tc001 [205/205] ⚙
2. dovetail.vping.tc001 [1/1] ⚙
3. dovetail.vping.tc002 [1/1] ⚙
4. dovetail.ha.tc001 [1/1] ⚙
5. dovetail.ha.tc002 [1/1] ⚙
6. dovetail.ha.tc003 [1/1] ⚙
7. dovetail.ha.tc004 [1/1] ⚙
8. dovetail.ha.tc005 [1/1] ⚙
9. dovetail.ha.tc006 [1/1] ⚙
10. dovetail.ha.tc007 [1/1] ⚙
11. dovetail.ha.tc008 [1/1] ⚙

4. Log File Verification

Three log files must be verified for content within each mandatory test area. The log files for each of the test areas is noted in the table below.

Mandatory Test Area	Log File	Location
osinterop	dovetail.osinterop.tc001.log	results/osinterop_logs
ha	yardstick.log	results/
vping	functest.log	results/

The three log files can be displayed by clicking on the setup icon to the right of the results, as shown in the diagram below.

* Note, while the vping and ha test areas list multiple test-cases in the below diagram, there is a single log file for all test-cases within these test areas.

Test Result Overview

Test Filters:

All Passed Not Passed

Test ID: a00c47e8-b22d-11e7-a96e-0242ac11000f

1. dovetail.osinterop.tc001 [205/205]
2. dovetail.vping.tc001 [1/1]
3. dovetail.vping.tc002 [1/1]
4. dovetail.ha.tc001 [1/1]
5. dovetail.ha.tc002 [1/1]
6. dovetail.ha.tc003 [1/1]
7. dovetail.ha.tc004 [1/1]
8. dovetail.ha.tc005 [1/1]
9. dovetail.ha.tc006 [1/1]
10. dovetail.ha.tc007 [1/1]
11. dovetail.ha.tc008 [1/1]

Within the osinterop log (dovetail.osinterop.tc001.log), scroll down to the area of the log that begins to list the results of each test-case executed. This can be located by looking for lines prefaced with 'tempest.api' and ending with '... ok'.

osinterop test-case prefix	Count
tempest.api.compute	75
tempest.api.identity	4
tempest.api.image	20
tempest.api.network	46
tempest.api.volume	60
Total	205

The number of lines within the osinterop log for test-cases must add up according to the table above, where test-cases are broken down according to compute, identity, image, network and volume, with respective counts given in the table.

The ha log (yardstick.log) must contain the 'PASS' result for each of the eight test-cases within this test area. This can be verified by searching the log for the keyword 'PASS'.

Secure | <https://cvp.opnfv.org/logs/a00c47e8-b22d-11e7-a96e-0242ac11000f/results/yardstick.log>

5:07:15,034 yardstick.benchmark.core.task task.py:76 INFO

'tests/opnfv/test_cases/opnfv_yardstick_tc019.yaml'],

{file: /home/opnfv/userconfig/pre_config/pod.yaml}],

ames:[None]

5:07:15,044 yardstick.benchmark.contexts.node node.py:46 INFO Parsing pod file: /home/opnfv/userconfig/pre_config/pod.yaml

5:07:15,053 yardstick.benchmark.runners.iteration iteration.py:44 INFO worker START, iterations 1 times, class <class

PASS 1/8

The eight lines to validate are listed below:

- 2017-10-16 05:07:49,158 yardstick.benchmark.scenarios.availability.serviceha serviceha.py:81 INFO The HA test case **PASS** the SLA
- 2017-10-16 05:08:31,387 yardstick.benchmark.scenarios.availability.serviceha serviceha.py:81 INFO The HA test case **PASS** the SLA
- 2017-10-16 05:09:13,669 yardstick.benchmark.scenarios.availability.serviceha serviceha.py:81 INFO The HA test case **PASS** the SLA
- 2017-10-16 05:09:55,967 yardstick.benchmark.scenarios.availability.serviceha serviceha.py:81 INFO The HA test case **PASS** the SLA
- 2017-10-16 05:10:38,407 yardstick.benchmark.scenarios.availability.serviceha serviceha.py:81 INFO The HA test case **PASS** the SLA
- 2017-10-16 05:11:00,030 yardstick.benchmark.scenarios.availability.scenario_general scenario_general.py:71 INFO [92m Congratulations, the HA test case **PASS**! [0m
- 2017-10-16 05:11:22,536 yardstick.benchmark.scenarios.availability.scenario_general scenario_general.py:71 INFO [92m Congratulations, the HA test case **PASS**! [0m
- 2017-10-16 05:12:07,880 yardstick.benchmark.scenarios.availability.scenario_general scenario_general.py:71 INFO [92m Congratulations, the HA test case **PASS**! [0m

The final validation is for the vping test area log file (functest.log). The two entries displayed in the diagrams below must be present in this log file.

- **vping_userdata**
- **vping_ssh**

TEST CASE	PROJECT	DURATION	RESULT
vping_userdata	functest	01:40	PASS

TEST CASE	PROJECT	DURATION	RESULT
vping_ssh	functest	00:43	PASS

5. SUT Info Verification

SUT information must be present in the results to validate that all required endpoint services and at least two controllers were present during test execution. For the results shown below, click the 'info' hyperlink in the **SUT** column to navigate to the SUT information page.

Upload Date	Test ID	Owner	File Name	Label	Status	Log	SUT	Operation	Share List
2017-11-03 23:18:53	a00c47e8	jtaylor	logs_16_05_12.tar.gz	Xinocom Results	review	logs	info	OPERATION	SHARE LIST

In the 'Endpoints' listing shown below for the SUT VIM component, ensure that services are present for identify, compute, image, volume and network at a minimum by inspecting the 'Service Type' column.

Endpoints

Service Name	Service Type	URL	Enabled
compute_legacy	compute_legacy	http://192.168.0.2:8774/v2/%(tenant_id)s	true
neutron	network	http://192.168.0.2:9696	true
swift_s3	s3	http://192.168.0.2:8080	true
aodh	alarming	http://192.168.0.2:8042	true
ceilometer	metering	http://192.168.0.2:8777	true
cinder	volume	http://192.168.0.2:8776/v1/%(tenant_id)s	true
cinderv3	volumev3	http://192.168.0.2:8776/v3/%(tenant_id)s	true
heat	orchestration	http://192.168.0.2:8004/v1/%(tenant_id)s	true
cinderv2	volumev2	http://192.168.0.2:8776/v2/%(tenant_id)s	true
swift	object-store	http://192.168.0.2:8080/v1/AUTH_%(tenant_id)s	true
nova	compute	http://192.168.0.2:8774/v2.1	true
keystone	identity	http://192.168.0.2:35357/v2.0	true
glare	artifact	http://192.168.0.2:9494	true
glance	image	http://192.168.0.2:9292	true
heat-cfn	cloudformation	http://192.168.0.2:8000/v1	true

Inspect the 'Hosts' listing found below the Endpoints section of the SUT info page and ensure at least two hosts are present, as two controllers are required for the mandatory HA test-cases.