2020-03-11 - [CNTT - RI & RC - 01] - Meeting Agenda and Minutes

Meeting Logistics:

- **Every Wed** at UTC 12:00-13:00 | https://zoom.us/j/694881078
- **Antitrust**
  - Linux Foundation Anti-Trust Policy Notice
  - GSMA Anti-Trust Policy Notice
- **Email dsitros**
  - RI: https://lists.opnfv.org/g/cntt-ref-imp (cntt-ref-imp@lists.opnfv.org)
  - RC: https://lists.opnfv.org/g/cntt-tech-refc (cntt-tech-refc@lists.opnfv.org)

Attendee List:

1. Michael Fix (AT&T)
2. Al Morton (AT&T)
3. Jim Baker (LF)
4. Scott Steinbrueck (AT&T)
5. Parth Yadav (University of Delhi)
6. Toshiyasu Wakayama (KDDI)
7. Trevor Cooper (Intel)
8. Lincoln Lavoie

Goals of Meeting

1. **Admin** (5 min)
   a. **2020 Summer Interns**
      i. TSC approved 2 CNTT resources for SDV and HDV work
      ii. Holding pattern until candidate list is provided from LF
      iii. Resources start early June
      iv. ink to Mentor Program details
   b. **CIRV Repo**
      i. Locations:
         1. https://gerrit.opnfv.org/gerrit/admin/repos/cirv
         2. https://github.com/opnfv/cirv/
      ii. CLA & Gerrit remote add issues resolved
      iii. SDV prototype uploaded
      iv. HDV prototype to be uploaded soon (reviews being conducted - https://gerrit.opnfv.org/gerrit/c/cirv/+/69772)
      v. Reviews and Approvals pending to add a jenkins-ci job run python quality / sanity checks (e.g. pylint) against builds (under discussion in Gerrit)
   c. **Demo** - VSPerf will be demo'ed in OPNFV Community calls
2. **RI** (25 min)
   a. Requirements Gaps (see wiki - working session)
      i. Jason Li - to review/edit "Test Req Interpretation" and "Testable" columns.
      ii. Request for reviews/edits will be sent once Jason is complete.
   b. Cookbook status - confirmed a priority for Baldy Mike to confirm with Fu Ciao that Baldy items, Cookbook and Requirements Mapping are receiving sufficient attention
3. **RC** (25 min)
   a. PR Review
      i. [RC1 - Ch03] Documentation Updates - Clarify Statements for Excluded Test Cases #1163 comment & follow requesting approvals done today
      ii. [RC1 - Ch01] Clarify Conformance Categories #1283 approved, pending merge additional changes / clarification recommended; Mike to make the necessary changes and re-request (re)review & (re)approval
   b. Following were reviewed with confirmation the are Baldy delivery items
      i. Cookbook status
      ii. Baldy Issues Review *
      iii. Test Progress Weekly Summary (wiki)
      iv. SDV
   c. OPNFV Project Gaps * Not reviewed during call
   d. RC WS Volunteer table Not reviewed during call

Next Meeting

1. Issue Resolution Flow - a Process flow for issue handling will be reviewed with the RI-1 WS team for clarification and handling of environment /implementation gaps needing resolution for RI-1/RC-1 validations

Supporting Material:

1. **RC WS Volunteers (table, email)**

#	Volunteer Name	Area	Description
1		Issue Tracking	Daily (2x) review of open issues to ensure we have current status, request status from reviewers in GitHub, re-assign to others as needed
2		PR Tracking	Same
3		Baldy Items	Monitor the list of Baldy deliverables, measure progress, request status, and help write content
4		Chapter Updates	Review list of required content updates; write(co-write) content and/make updates to a chapter, or chapters
5		Weekly Meeting Prep	Host a weekly meeting (rotate the responsibility – 1 person / meeting per week)
6		Weekly Results Tracking	Update weekly wiki with status; measure success of closing gaps; raise concern when no progress being made
7		Onboard OPNFV test projects	There are 6 potential projects which need onboarding to Xtesting. Setup meetings, integrate, onboard, and validate.
8		Results Dashboard	Integrate Results Dashboard for testing results
9		Close RIRC Req Gaps	Manage the closure of gaps in the RIRC Requirements-to-Test-Coverage gaps
10		HDV and SDV Completion	Track / Manager delivery of these two tools.
11	(FUTURE)	Baldy Presentations	Prepare Materials, and co-present for Baldy Release

2. **OPNFV Project Gaps**
   a. Yardstick - discussing, nothing definitive, CNTT/Xtesting integration is part of the project's recurring call
   b. VSPerf - (Sridhar R.) ready to demo, wants to onboard - when ?
   c. Barometer (Emma Foley, 2/19) -
      i. Discussing, need clarification what is/isn't already onboarded into Functest
      ii. ...initial feedback, Barometer TCs are not being run with functest.
      iii. ...Determine what TCs we have and whether they are still valid/functional
      iv. PTL provided wiki 2/26 of how to use; ack. no discussion on integrating Xtesting; they will research and follow-up with Cedric
   d. NFVBench - Alex H.
      i. **Discussion 2/25 can cover two Performance Requirements at a minimum**
      ii. Provided requirements, test cases, and overview
      iii. Value-add in Latency, Throughput, and Capacity benchmarking
      iv. Requires external TRex traffic generator (use on jump host), specific NICs (710s already in lab), and access to TOR switch w/ software config
      v. Intel to provide 'best effort' support if we decide to pursue
      vi. On hold right now pending review / integration of Prox, and demo of VSPerf week of 3/2
   e. Storperf (Mark B) - discussing, ready to onboard, dialogue open about storage KPIs, but promoting need to baseline first before having established KPIs
   f. SampleVNF – discussing, with renewed interested and potential validations of perf profiling capabilities (as discussed in Prague
      i. Prox is code residing in SampleVNF project, which can be used for performance profiling
      ii. Follow-up needed with Luc to determine feasibility and traceability to requirements for what Prox can cover
3. **Baldy Deliverables:** CNTT Baldy
   a. **RI Goals:** https://github.com/cntt-n/CNTT/projects/7

Reference #	Feature	Notes	Volunteer	Related Issues
baldy.ri1.1	General Cleanups	All Chapters	Qiao Fu	https://github.com/cntt-n/CNTT/issues/1041
baldy.ri1.2	Complete Overall Requirements	Ch02	Qiao Fu	Currently do not see any need for update. Will create issue if certain requirement been pointed out
baldy.ri1.3	**Complete Lab Requirements** **Need an issue?**	Ch04		Currently do not see any need for update. Will create issue if certain requirement been pointed out
baldy.ri1.4	Complete Target State & Metadata	Ch03	Jiaqiang Zhang Qiao Fu	need careful review to see if we capture all the requirement from RM and RA. https://github.com/cntt-n/CNTT/issues/1042
baldy.ri1.5	Complete Installer Requirements and hardware delivery requirement	Ch05	Liang Chen	https://github.com/cntt-n/CNTT/issues/1021 https://github.com/cntt-n/CNTT/pull/944
baldy.ri1.6	Complete Lab Cookbook (Ops)	Ch06	Qiao Fu	[RI] baldy.ri1.6 - Complete Lab Cookbook (Ops) #1165
baldy.ri1.6	**Restructure & Complete Integration Cookbook** **Need an issue?**	Ch07		

baldy.ri1.7*	Implement Profiles within OPNFV Installers and consume CNTT metadata	DEV	Lincoln Lavoie Sridhar Rao	This work depends on the on-going activity and discussion of information model in OPNFV. create one issue to follow this work https://github.com/cntt-n/CNTT/issues/1043

b. **RC Goals:** https://github.com/cntt-n/CNTT/projects/4

Reference #	Feature	Notes	Volunteer	Related Issue(s)
baldy.rc1.1	General Cleanup	All Chapters		[RC-1] baldy.rc1.1: General cleanup for RC doc #1164
baldy.rc1.2	**Clarify Conformance Categories (NFVI & VNFs)**	Ch01	Rajesh, Kanagaraj, Manik	[RC1 - Ch01] Clarify Conformance Categories (NFVI & VNFs) #1056
baldy.rc1.3	Complete NFVI Framework Requirements	Ch02	Cedric,Manik	[RC-1] Reflect Backward compatibility support in RI #1036 [RC1 Dev] Clean interfaces between RC and OVP #829 [RC1 Ch01] Provide Verification Process, including Life Cycle Management #159 [RC-1 Ch02] VNF Profile(s) #1029
baldy.rc1.4	Categorise NFVI TC Req and Write API Testing TC	Ch03		[RC1 Ch04] Define the test cases for exposed infrastructure capabilities #774
baldy.rc1.5	**Create NFVI Mapping & Traceability Matrix and populate it**	Ch05	Rajesh, Dan, Ashok, Deepanshu	[RC1 Ch11] Gap analysis for NFVI Testing #419
baldy.rc1.6	Restructure NFVI Cookbook and Cleanup	Ch04	Cedric	[RC1 Ch9 - Snezka F2F] RC Cookbook Enhancements #945 [RI1 Dev][RC1 Dev] new RI deployment container #828
baldy.rc1.7*	NFVI Framework & Test Cases Development	DEV	Cedric,Manik	[RI 1 Dev] Port NFVbench testcases to Xtesting #865 [RI1 RC1] Add tempest-stress in Functest #916 [RC-1] Port VTP test cases to Xtesting #917 [RI 1 Dev] Port VSPERF testcases to Xtesting #511 [RI 1 Dev] Port Bottlenecks to Xtesting #510 [RI 1 Dev] Port YardStick testcases to Xtesting #509 [RI 1 Dev] Port StorPerf testcases to Xtesting #673 [RI1 RC1] Integrate Spirent NFVI/VIM TCs to Functest/Xtesting