

2020-03-04 - [CNTT - RI & RC - 01] - Meeting Agenda and Minutes

Meeting Logistics:

- Every Wed at UTC 13:00-14:00 | <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. Qiao Fu (china Mobile)
2. Michael Fix (AT&T)
3. Scott Steinbrueck (AT&T)
4. Parth Yadav (University of Delhi)
5. Vipin Rathi (University of Delhi)
6. Liang Chen (China Mobile)
7. Luc Provoost (Intel)
8. Daniel Balsiger (Swisscom)
9. Jiaqiang Zhang (China Mobile)
10. Cedric Ollivier (Orange)
11. Mehmet Toy (Verizon)
12. cheng tong (China Mobile)
13. Liang Chen
14. Saad Ullah Sheikh (STC)
15. Sridhar Rao (Spirent)

Goals of Meeting

1. Status (5 min)
2. Delivery Status (30 min)
 - a. PR review
 - b. Gaps, Issues, & Weekly Summary
3. Results Presentation / Options (10 min)
 - a. Functest/Xtesting CI
 - b. TestAPI
 - c. DoveTail
 - d. Jenkins View
4. Demo - VSPerf (10 min) – table to next week

Next Meeting

1. OPNFV Project Gaps
2. Baldy Deliverables

Agenda:

1. Status
 - a. Labs (POD10/15)
 - i. Test Runs enabled on POD15. See results & issues log.
 - b. HDV & SDV
 - i. Submitted project proposals for 2020 Intern
 - ii. SDV demo provided 3/2 of pre-deployment validation; post-deployment under constructions; working on Repo issues w/ LF to create Gerrit remote (git remote add)
 - iii. HDV additional conversation with community - soliciting feedback and support - CMCC has code to share, waiting for Repo issues to be fixed,
2. Delivery Results
 - a. PR Review
 - i. [RI-1 Ch09] General Baldy cleanup for RI doc #1225
 - ii. [RC1 - Ch03] Documentation Updates - Clarify Statements for Excluded Test Cases #1163

- b. **Gaps, Issues, & Weekly Summary (CIRV project)**
 - i. Issues - align, fill in gaps
 - ii. Test Summary - confirm issue #s and status
 - iii. Req Gaps - volunteers to close gaps
- 3. **Results Presentation / Options (Did Not Cover)**
 - a. What are the tests, and results, for the various deployment and validation gates for Functest/Xtesting being run on the intel PODs for CNTT?
 - b. Dashboard - what is available ?
 - i. Functest/Xtesting CI
 - ii. TestAPI
 - iii. DoveTail
 - iv. Jenkins View (tables)
- 4. **Demo** - VSPerf - **PTL to present next meeting**
- 5. **Next Meeting**
 - a. **OPNFV Project Gaps**
 - i. (Cedric) will add traceability (TCs to requirements) in RC Ch 5; to close gaps
 - ii. Yardstick - discussing, nothing definitive, CNTT/Xtesting integration is part of the project's recurring call
 - iii. **VSPerf - (Sridhar R.) ready to demo, wants to onboard - when ?**
 - iv. Barometer (Emma Foley, 2/19) -
 - 1. Discussing, need clarification what is/isn't already onboarded into Functest
 - 2. ...initial feedback, Barometer TCs are not being run with functest.
 - 3. ...Determine what TCs we have and whether they are still valid/functional
 - 4. **PTL provided wiki 2/26 of how to use; ack. no discussion on integrating Xtesting; they will research and follow-up with Cedric**
 - v. NFVBench - Alex H.
 - 1. **Discussion 2/25 can cover two Performance Requirements at a minimum**
 - 2. **Provided requirements, test cases, and overview**
 - 3. **Value-add in Latency, Throughput, and Capacity benchmarking**
 - 4. **Requires external TRex traffic generator (use on jump host), specific NICs (710s already in lab), and access to TOR switch w/ software config**
 - 5. **Intel to provide 'best effort' support if we decide to pursue**
 - 6. **On hold right now pending review / integration of Prox, and demo of VSPerf week of 3/2**
 - vi. Storperf (Mark B) - discussing, ready to onboard, dialogue open about storage KPIs, but promoting need to baseline first before having established KPIs
 - vii. SampleVNF – discussing, with renewed interest and potential validations of perf profiling capabilities (as discussed in Prague)
 - 1. **Prox is code residing in SampleVNF project, which can be used for performance profiling**
 - 2. **Follow-up needed with Luc to determine feasibility and traceability to requirements for what Prox can cover**
 - b. **Baldy Deliverables: CNTT Baldy**
 - i. **RI Goals:** <https://github.com/cntt-n/CNTT/projects/7>

Reference #	Feature	Notes	Volunteer	Related Issues
baldy.r11.1	General Cleanups	All Chapters	Qiao Fu	https://github.com/cntt-n/CNTT/issues/1041
baldy.r11.2	Complete Overall Requirements	Ch02	Qiao Fu	Currently do not see any need for update. Will create issue if certain requirement been pointed out
baldy.r11.3	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.r11.4	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.r11.5	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.r11.6	Complete Lab Cookbook (Ops)	Ch06	Qiao Fu	[RI] baldy.r11.6 - Complete Lab Cookbook (Ops) #1165
baldy.r11.6	Restructure & Complete Integration Cookbook Need an issue?	Ch07		
baldy.r11.7*	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

- ii. **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