

2020-02-19 - [CNTT - RI & RC - 01] - Meeting Agenda and Minutes

Meeting Logistics:

- Every Wed at UTC 13:00-13:30 | <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. [Daniel Balsiger](#) (Swisscom)
4. [Lincoln Lavoie](#)
5. [Saad Ullah Sheikh](#) (Saudi Telecom Company - STC)
6. [Jim Baker](#) (LF)
7. [Georg Kunz](#) (Ericsson)
8. [Jiaqiang Zhang](#) (China Mobile)
9. [Liang Chen](#) (China Mobile)
10. [Scott Steinbrueck](#) (AT&T)
11. [Luc Provoost](#) (Intel)
12. [Sridhar Rao](#) (Spirent)
13. [Abdullah Alharkan](#) ()
14. [Rihab Banday](#) (Ericsson)
15. [Saad Ullah Sheikh](#)

Goals of Meeting

1. **Status**
 - a. Labs & Next Steps (POD10/15)
 - b. HDV
 - c. Manifest Validation
 - d. Spirent NFVI/VIM onboard of TCs
 - e. RC Test Case | Req Gap Assessment - need to corroborate & close gaps
2. **Review April Release Deliverables**
 - a. **On/by 2/21:**
 - i. Ensure all Baldy To-Dos are captured (GitHub)
 - ii. [ONES LA Topics Proposals - Technical](#) session planning
 1. Confirm list | Add Description | Presenters | Material
 - b. Review Backlog
 - c. Confirm Volunteer(s)
 - d. Confirm Issue
3. **Review open PRs**
4. **AOB**
 - a. Review / Add Apr. CNTT workshop topics
 - b. RI/RC 2/19 Gov Slide Review

Agenda:

1. **Status**
 - a. **Labs & Next Steps (POD10/15)**
 - i. **Prior status:**
 1. [Pod10: Access to APIs work](#). Horizon dashboard not accessible. Sridhar to redeploy & analyze source of failures.
 2. [Pod15: Deployment failures](#). Need daily CNTT jobs to stop. Then, will perform manual deployment. Email sent to Cedric to stop jobs, and James asking for concurrence of manual investigation plan for failures.
 - ii. **Today status:**
 1. Two patches from opnfv/airship repo.
 - a. <https://gerrit.opnfv.org/gerrit/c/airship/+69694> (apply pyyaml patch from upstream) **not use patching, already merged & permanent (already done)**
 - b. <https://gerrit.opnfv.org/gerrit/c/airship/+69693> (Glance Rally test fix) have removed Glance testing while deploying, already merged & permanent (already done)
 2. POD10 - stable, not running functest
 3. POD15 - have tried three times for deployment; stable deployment (Ocata); 1 failed test case
 - a. Health check - tempest smoke, trying to find logs (Sridhar)

- b. JIRA ticket opened: #TBD
- b. HDV - finalize schema, build prototype
 - i. **Prior status:**
 1. New HDV RI chapter (index) merged <https://github.com/cnnt-n/CNTT/pull/1022>.
 2. New PR has been created by Chen Liang for the HDV contents. <https://github.com/cnnt-n/CNTT/pull/1050>.
 3. OPNFV weekly (Monday) call - started using the platform as a means to facilitate HDV discussions
 4. Confirmed Mark B is not able to assist at this time
 5. Solicited developer volunteers to help build prototype.
 - a. Mark Beirerl - recommends reviewing - <https://rackhd.github.io/>
 - b. Ram, Vinayak (NFV BU) <vinayak.ram@hpe.com> -
 - i. Discussing plan to see if we can leverage his tool
 - ii. Utilizes standard interfaces based on Redfish to query the infrastructure and get the information to be validated.
 - ii. **Today status:**
 1. Next OPNFV call - China Mobile to share similar HDV validations for awareness, comparison, and potential use for CNTT, pending approvals
 2. HPE - demo? Mgmt approval to use? Mike, checking with Viyanak to attend 2/24 OPNFV call
 3. Review - <https://rackhd.github.io/>
 - a. Mostly done by Dell.
 - b. Abstracting for IPMI, Redfish, etc (based on what Ironic does)
 - c. Consensus is not to expend energy - rather, pursue CMCC and HPE tools
- c. Manifest Validation - finalize schema
 - i. **Prior status:**
 1. Sridhar Rao created initial set of aspects (configuration) to validate as part of manifest (S/W) validation.
 2. Awaiting review/approval from James Gu
 - ii. **Today status:**
 1. Software Deployment - Prototype built checking software links
 2. Config - needs to be done
 3. Demo - next week
- d. Spirent NFVI/VIM onboard of TCs (**NOT COVERED**)
 - i. **Prior status:** Checking with engineering to see if they can decouple NFVI/VIM test cases from core packages.
 - ii. **Today status:**
- e. RC Test Case | Req Gap Assessment
 - i. **Prior status:**
 1. Initial pass complete.
 2. Reviewed and assessed by Functest PTL.
 3. **Next steps:**
 - a. Orange (Cedric) will add traceability (TCs to requirements) in RC Ch 5; to close gaps
 - b. (Done) CNTT (Rabi) will help to restructure the RC document by moving Ch 3 content (TC requirements) to Ch5 (Traceability), and switching the order of Ch 4 Cookbook with Ch 5 TC list and traceability.
 - c. (Mike) Reached out to OPNFV TSC and LFN to get traction on onboarding needed OPNFV projects
 - i. Yardstick - discussing, nothing definitive, CNTT/Xtesting integration is part of the project's recurring call
 - ii. VSPerf - (Sridhar R.) ready to demo, wants to onboard
 1. Conversation in Prague
 2. Target EOM Feb - to add containers for Xtesting
 3. **Next week - demo and discussion about integration**
 - iii. 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
 - iv. NFVBench - no progress/response
 - v. Storperf (Mark B) - discussing, ready to onboard, dialogue open about storage KPIs, but promoting need to baseline first before having established KPIs
 - vi. SampleVNF – discussing, with renewed interested and potential validations of perf profiling capabilities (as discussed in Prague)
 - ii. **Today status:**
 1. Best way to on board projects above?
 2. Share gap assessment with the team
 3. Chapter 3 data plan performance testing – Luc P. will insert perf test tools/content, for expanding this section (leveraging SampleVNF)

2. Review April Deliverables

a. Candidate List: CNTT Baldy

b. RI Goals:

- i. On/by 2/21, Confirm "To Do" Baldy list is complete - <https://github.com/cnnt-n/CNTT/projects/7>
- ii. Add new issues to align with Baldy, if missing.
- iii. Confirm Volunteer & Issues

Reference #	Feature	Notes	Volunteer	Related Issues
baldy.r.i1.1	General Cleanups	All Chapters	Qiao Fu	https://github.com/cnnt-n/CNTT/issues/1041
baldy.r.i1.2	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/cnnt-n/CNTT/issues/1042
baldy.r11.5	Complete Installer Requirements and hardware delivery requirement	Ch05	Liang Chen	https://github.com/cnnt-n/CNTT/issues/1021 https://github.com/cnnt-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/cnnt-n/CNTT/issues/1043

c. RC Goals:

- On/by 2/21, Confirm "To Do" Baldy list is complete - <https://github.com/cnnt-n/CNTT/projects/4>
- Add new issues to align with Baldy, if missing.
- Confirm Volunteer & Issues

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
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3. Review open PRs

- a. [\[RI Ch05\] Installer Requirements - issue 846 #944](#)
- b. [\[RI Ch09\] Pharos Details in Development Chapter #1058](#)
- c. [\[RI\] update chp 03 with hardware profile info #1067](#)
- d. [\[RA1\]\[RC1\] Set Neutron extensions as optional #1107](#)

4. AOB

- a. **Further suggestions for Apr. CNTT workshop**
 - i. [HDV - pre software validation \(demo?\)](#)
 - ii. [Manifest - post software validation \(demo?\)](#)
 - iii. RI-1: Deep Dive
 - iv. RI-1: Demo
 - v. RC-1: OPNFV Badging LC Process
 - vi. RC-1: RC Delivery Cycle - [multiple times, confirming CNTT requirements met](#)
 - vii. RC-1: Cookbook
 - viii. RC-1: Deep Dive
- b. **Review Gov Slide:**
 - i. [CNTT_Weekly_Goverance - Final \(FIX input - DRAFT 19Feb2020\).pptx](#)