

2019-12-30 - [CNTT - RI & RC - 01] - Meeting Agenda and Minutes

Meeting Logistics:

- Every Wed at UTC 13:00-13:30 | <https://zoom.us/j/2362828999>
- Antitrust
 - Linux Foundation Anti-Trust Policy Notice
 - GSMA Anti-Trust Policy Notice

Attendee List:

1. Qiao Fu (china Mobile)
2. MICHAEL FIX

Goals of Meeting

1. Prague Deliverables (owners)
2. Status from Lead & Authors (e.g. POD15)

Agenda:

- **Prague Deliverables**
 - RI
 - Fu Qiao has worked out a skeleton for the Prague Key updates. Call for comments and please add updates for specific chapter.
 - **? Unknown Attachment**
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 - **Content for:**
 - Lab Requirements (Rajesh, +topology document, send Mark B a link to Pharos) - <https://github.com/cntt-n/CNTT/issues/794>
 - Mark B - working on documenting current state of lab
 - Rajesh - has list of requirements, need to share w/ Mark and put in GitHub repo
 - Installer Requirement (Chen Liang) - <https://github.com/cntt-n/CNTT/issues/795>
 - Initial content developed. Suggest to close issue #795. Create new issue for HDV and airship updates.
 - Chen has prepared some contents for Prague updates and discussion
 - **? Unknown Attachment**
 - NFVI required State (Manik, Sridhar, +Manifest validations) - <https://github.com/cntt-n/CNTT/issues/796>
 - Neither Manik/Sridhar available for comment
 - Cookbook (Mark B., important) - <https://github.com/cntt-n/CNTT/issues/797>
 - Mark, Cedric working on the cookbook
 - **Chapter 7** will be the cookbook - targeting end of week, beginning of next week
 - Sections 2-4 Mark, Section 5 Fu Qiao, Section 6 Sridhar, Remaining Sections 7-10 Cedric
 - Mark work with Sridhar, Cedric, and Fu Qiao to open a PR and add missing content
 - Cedric to check with Sridhar to see if we leverage XTesting based container for AirShip deployments (a goal, but confirm if feasible)
 - **Implementation side:**
 - PoD state and labs availabilities (Rajesh, +issues/ReleaseNotes) - <https://github.com/cntt-n/CNTT/issues/798>
 - Mike provided Rajesh with details for expected MVP
 - Initial NFVI installation using Airship (even if doesn't comply to CNTT for now) (Sridhar, +Rajesh) - <https://github.com/cntt-n/CNTT/issues/799>
 - Mike provided Rajesh with details for expected MVP
 - RC
 - **Content for:**
 - Framework requirement (+Manik will reach out to Cedric) - <https://github.com/cntt-n/CNTT/issues/800>
 - Mike provided requirements details to Manik
 - Certification process drafted (+Shiby, + Kanag) - <https://github.com/cntt-n/CNTT/issues/801>
 - Kanag, Shiby, and Mike, reviewed VNF Ch 5 content - WIP
 - Manik working on RC1 Ch02 content for NFVI (issue #788)
 - Automation / Compliance / Tool chain process and status (+Cedric, +Mark B. reach out to Cedric) - <https://github.com/cntt-n/CNTT/issues/802>
 - Cedric/Mark working on respective info and content
- **Status**
 - RI
 - Cookbook progress

- (Cedric/Mark) Started documentation, will put on wiki, will create and complete by 12/23-12/24; will include list of parameters and cookbook by 12/23
- POD Status
 - Neither Sridhar, nor Rajesh, available for comment
 - Latest from ~12/18 (offline email)
 - pod10 is up and running with current patches
 - pod15 manifest is ready, but continue to face h/w issues, latest being 1 compute node will not do a PXE boot; ticket opened for help; will proceed with installs and try to complete Tues-Wed
- Chapter Progress by Authors per recent PRs created
 - Did not get to on call
- RC
 - Deployment and Compliance Validation (Cedric)
 - Awaiting install of POD15
 - POD10 deployments & validation issues ?
 - POD15 deployments & validation issues ?
 - RM/RA requirements extraction (Rajesh, Sridhar)
 - Rajesh / Sridhar pulling together, along with support from Deepanshu to identify Ocate>Pike>Stein differences; captured in MVPs and open issues
 - Chapter Progress by Authors per recent PRs created
 - Did not get to on call

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Additional Notes / Links:

- CNTT Jan 2020 Release: [CNTT Snezka](#)
- RI Work stream
 - RI 1 Core: [Fu Qiao, Team](#)
 - Documentation moving along? Ch's 1,2,3,5 (4 Lab Req. was moved to RI Labs)
 - Issues: <https://github.com/cntt-n/CNTT/issues?q=is%3Aopen+is%3Aissue+label%3A%22RI+1+Core%22>
 - PRs: <https://github.com/cntt-n/CNTT/pulls?q=is%3Apr+is%3Aopen+label%3A%22RI+1+Core%22>
 - RI 1 Labs: [Rajesh](#)
 - Documentation moving along? Ch's 4, 6
 - Issues: <https://github.com/cntt-n/CNTT/issues?q=is%3Aopen+is%3Aissue+label%3A%22RI+1+Labs%22>
 - PRs: <https://github.com/cntt-n/CNTT/pulls?utf8=%E2%9C%93&q=is%3Apr+is%3Aopen+label%3A%22RI+1+Labs%22>
 - RI 1 Dev: [Cedric, Rex, Lei](#)
 - Documentation moving along? Ch's 7, 8
 - Ch 7 (Cookbook)
 - Issues: <https://github.com/cntt-n/CNTT/issues?utf8=&q=is%3Aopen+is%3Aissue+label%3A%22RI+1+Dev%22>
 - PRs: <https://github.com/cntt-n/CNTT/pulls?utf8=%E2%9C%93&q=is%3Apr+is%3Aopen+label%3A%22RI+1+Dev%22>
- RC Work stream
 - RC NFVI: [Rajesh, Mike](#)
 - Documentation moving along? Ch's 1,2,3,4
 - [Issues](#)
 - [PRs](#)
 - Status | Tasks (**Work in progress**)
 - ☒ Receive Lab (date)
 - ☐ (In progress) Translate RA requirements to Manifest Needs ([See above for Assistance needed](#))
 - ☐ Tune Manifest to match RA requirements (Target End State Lab - POD15) - [status of POD 10, then date for POD 15](#)
 - ☐ Testing
 1. Prepare automation harness - connectivity, validation ([POD10](#))? – Cedric?
 - a. e.g. functest-smoke-cntt was just created. neutron-tempest-plugin-api is already conformed with the current API section.
 2. Create Test Plan
 3. Finalize Test Harness/Framework
 4. Perform Manifest Validations
 5. Results Collection & Normalization
 - RC VNF: [Mike](#)
 - Documentation moving along? Ch's 5,6,7
 - [Issues](#)
 - [PRs](#)
 - Status | Tasks (**Work in progress**)
 1. VNF Prototypes
 - ☐ (In Progress) Families Identified
 - ☐ (In Progress) Test Requirements Identified
 - ☐ [Strategy](#)

- a. Use POD10 for Network Intensive.
 - b. Measure stats related to the NFVi datapath capacity.
 - c. Goal will be to demonstrate full automation of the environment (continuous deployment) with test cases with some useful test results (continuous testing).
 - d. **Status?** Then look at adding compute and storage intensive VNFs and identify test cases that map back to CNTT specified capabilities.(Luc, Sridhar, Al, Trevor - creating more detailed plan?).
 - 2. Testing
 - a. Create Test Plan
 - b. Finalize Test Harness/Framework
 - c. Results Collection & Normalization
- **RC Dev: Cedric**
 - Documentation moving along? Ch's 8,9,10,11
 - **Issues**
 - **PRs**
 - **Status | Tasks (Work in progress)**
 - Jenkins setup
 - VNF prototype
 - 1. Development
 - 2. Connectivity to POD15

Table of Contents Owners:

- **RC: status | issues**
 - **NFVI**
 - **Ch01: Introduction: Rajesh, Kanagaraj, Manik (confirmed) - <https://github.com/cntt-n/CNTT/pull/658>**
 - (Refer to PR<https://github.com/cntt-n/CNTT/pull/658>)
 - Synopsis
 - Introduction
 - Principles & Guidelines
 - Goals & Objectives
 - Best Practices
 - Verification methodologies
 - Assumptions & Dependencies
 - Results Collation & Presentation
 - Measurements, Monitoring
 - Governance
 - Resources & References
 - **Ch02: NFVI E2E C&V Framework Requirements: Cedric, Manik (confirmed) - <https://github.com/cntt-n/CNTT/pull/701>**
 - Methodology
 - Certification Strategy & Vehicle
 - Profiles Reference
 - Compliance, Verification, and Certification
 - Entry & Exit Criteria
 - Frameworks: e.g. Functest (StorePerf, SampleVNF, others?)
 - **Ch03: NFVI Test Case Requirements: Georg, Toshi ? <https://github.com/cntt-n/CNTT/pull/702>**
 - Assumptions: Automatable, Integrated with CICD tool chain
 - Type of requirement: Bare metal, API, etc
 - Table showing Profile Catalog
 - Identify SW Reference
 - Identify HW Reference
 - Options Available / Configured
 - Extensions Available / Configured
 - **Ch04: NFVI TC Traceability to RA Requirements: Rajesh, Dan, Ashok, Deepanshu (confirmed)- <https://github.com/cntt-n/CNTT/pull/703>**
 - SME: Functest knowledge
 - Define RM/RA-1 Openstack requirements
 - Map Framework to Requirements
 - **VNF**
 - **VNF Prototype Plan - details, dates (Trevor)**
 - **Ch05: VNF E2E C&V Framework Requirements: Kanagaraj, Cedric, Shiby (confirmed) - <https://github.com/cntt-n/CNTT/pull/704>**
 - Methodology
 - Introduction of Golden VNFs &/or Prototype VNFs
 - Certification Strategy & Vehicle
 - Profiles Reference
 - Compliance, Verification, and Certification process
 - Entry & Exit Criteria
 - Frameworks: Functest, SampleVNF, Prototype Family/Class
 - **Ch06: VNF Test Case Requirements: Fu Qiao, Yan Yang (confirmed), Chuyi Guo, Kanagaraj, Shiby (confirmed) - <https://github.com/cntt-n/CNTT/pull/705>**

- Assumptions: Automatable, Integrated with CICD tool chain
- Developer Deliverables (artifacts)
- Type of requirement: Bare metal, API, etc
- Type of Interactions: Extended Topology, Complex (Akraio), Functional, HA, Fault, Interoperability
- Table showing Performance Profiles
- Table of VNF Class/Family & Characteristics of Each
- **Ch07: VNF TC Traceability to RM Requirements:** Rajesh, Kanagaraj, Yan Yang (confirmed) - <https://github.com/cntt-n/CNTT/pull/706>
 - SME: Functest knowledge
 - Define RM/RA-1 Openstack requirements
 - Map Framework to Requirements
- Dev
 - **Deployment Validations (Cedric)**
 - **Ch08: E2E Framework Integration:** Cedric, Kanagaraj, Sridhar ? Yan Yang (confirmed) - <https://github.com/cntt-n/CNTT/pull/707>
 - Identify Framework Needs, Goals, and Dependencies
 - Define Opensource Integration (OPNFV, OVP, Functest, CVC, others)
 - Provide Automation Toolchain (list, topology, flow)
 - **Ch09: NFVI Tests Traceability to TC Requirements:** Cedric, Deepanshu (confirmed)- <https://github.com/cntt-n/CNTT/pull/708>
 - Define RM/RA-1 Openstack requirements
 - Map Framework to Requirements
 - **Ch10: VNF Tests Traceability to TC Requirements:** Cedric, Liping Zhao ?, Shibby (confirmed) - <https://github.com/cntt-n/CNTT/pull/709>
 - Define RM/RA-1 Openstack requirements
 - Map Framework to Requirements
 - **Ch11: Gap analysis & Development:** Cedric, Kanagaraj, Shibby (confirmed) - <https://github.com/cntt-n/CNTT/pull/710>
 - Test Case Gaps (Analysis)
 - Automation Gaps
 - Open Stack release comparisons (Ocata, Pike, Queens, Stein, etc)