Anuket Evolution

Proposal - DRAFT June 2024
Topics

- LFN Current situation
- Anuket moving forward options
- Proposal and next steps
LFN Solutions: High Level Summary Anuket + CNF

Initial Interop

Certification

Requirements/Spec Test Frameworks

Conformance

CNF/Apps

Infra Platform

CNF/Apps

Infra Platform

Strict

Loose

PROGRAMS

5G SPB (end to end, POC)

Anuket test catalogue + CNF test suite + Sylva RI + Nephio

CNF test suite
LFN and Anuket Evolution

1. Anuket continues leading LFN Architecture, Requirements, Models etc post Pieman Release
   a. Retain Anuket’s strategic role for end users to have “real” requirements for LFN
   b. Attract non-devs to Anuket for specifying End user requirements
   c. Create one place for documenting requirements
   d. Possibility to expand beyond infrastructure into ecosystem, depending interest

2. CNTi becomes an LFN project to focus on Interop, Compliance, and testing frameworks
   a. Over time, all dev ecosystem for test frameworks can migrate here.
   b. Attract specialized skills on test scripts (eg vendors like Keysight, etc or Test Groups within Vendors) -> Hub of testing experts to mirror coding specialists?
   c. Clean CNF Certification Program for Vendors and End User

3. All implementations build on LFN (E.g., Sylva for EU requirement, Vendor specific, other regional infra) - retire Anuket Assured

4. 5G SBP as public showcase for future (push requirements Anuket and others)
Upstream Relationship - LFN as a collaboration hub

- Anuket
  - Requirements
  - Architecture

- Test Frameworks
  - CNTi
    - Best Practises
    - Test Suite

- Requirements

- Certification
  - CNTi Certification

- Interop
  - Sylva

- Deployment

- End user and vendor usage

- 5G-SBP

- Other
  - Open Source Projects
    - CNCF, LF Edge, ORAN

Open Source Downstream
Next Steps

● Determine if anything is being lost in this transition
  ○ Appropriate support for spec work on its own as a project from CSPs
    ■ Appropriate attention from devs and vendors to spec work if silo’ed
    ■ Continuity of specs to implementation (focused on testing) -> CNTi
  ○ Are there things (like multi-level networking) that could be approached as Doctor Project – > is there participation?

● Some resource transition to CNTi
  ○ Anuket technical community
  ○ Business and management endorsement

● Celebration of Testing
  ○ Developers who write testing code as unsung heroes
  ○ Accompanying marketing plan

● External Messaging on LFN as a collaboration hub evolution to clarify
Backup