Value Proposition of LFN / Anuket Assured

Aligning to deliver the work to meet customer needs
Session Goals

• Review existing LFN projects / programs and their intended deliverables
  – Value proposition for both Operators and Suppliers
• Define/agree upon ambitious 2022 goal that fits into the value proposition
• Define cross community cloud native Collaboration Strategy
Mission Statement:
Empower the global communications community by creating and developing reference cloud infrastructure models, architectures, conformance programs and tools to deliver network services faster, more reliably, and securely.

Scope:
Anuket develops open reference infrastructure models, architectures, tools, and programs. Open source software developed within the project will leverage OSI-approved licenses, while documentation, including specifications, will leverage open licenses.
Implementation architecture

(Original figure by Georg Küne)
Anuket Assured | Program Development & Structure

LFN Governing Board
Tasked with program development & governance

Compliance & Verification Committee (CVC)
Recommendations on testing
Cross Project Collaboration

Projects

Anuket Assured Program(s)
Governance Documentation
Program Release Oversight
Review Process

Technical Requirements & Test Implementations

Recommendations on testing
Cross Project Collaboration
• Evolved from OVP
  • Cloud Native and newer technologies
  • Originated from OPNFV badging program
• Open program, open-source best practices aligned
  • Support self-testing and 3rd party lab testing
• Community review processes
  • Requirements, Test Implementation, Results, and Badge Granting
• Aiming for a uniform approach across projects in LFN
  • Single release schedule for badges / updates
  • Consistent definition of test types and badges
  • Common governance processes and definitions
  • Recognizable badges and marketing across projects
• Anuket Assured 2021.10 was released in Q4 2021
  • https://www.lfnetworking.org/verification/
• Coverage:
  • Infrastructure: Anuket RC1 (VM based) and RC2 (Cloud Native)
  • VM Workload: ONAP VNFReq & VNFSDK
  • CNF Workload: <missing from from 2021.10 badge>
Cost savings via:

- Reduced options analysis
- Platform/VF Dev/QC time reduction
  - One version dev/test
  - Reduced support requirements (one vs many platforms)
- Deployment time reduction
  - Platform support for Badged VFs
  - Reduces time to market related costs

Ecosystem Value

- Consistency/Interoperability
Next release Target H1 of 2022

- Badging to include CNF Workloads (missing in AAP)
- Increased testing of VM workloads (per Anuket requirements)
- Acceptance of requirements from next Anuket and ONAP releases
- Updates/improvements on process, workflows, and tools (results storage, reviews, listings, etc)
Anuket Assured | How is the work organized?

CVC meets every Monday: 10am Eastern USA
•  https://zoom.us/j/95516061078?pwd=WlpKTHFPU2N3OG83UU1ZdU8rTkdpZz09

Anuket RC2 meets every Wednesday 10:00am Eastern
•  https://zoom.us/j/504768362?pwd=Y283SzQrZ3lWVlU2ZHcweXR5Y2J4UT09

CNCF Test Suite meets every Thursday: 11am Eastern USA
•  https://zoom.us/j/447235918

CNCF CNFWG meets every Monday: 11am Eastern USA
•  https://zoom.us/j/97556246445?pwd=VTMrSjRWQ3pSMVZGQmNRemEwUk14QT09

ONAP CNF Task Force meets every Tuesday: 9am Eastern USA
•  https://zoom.us/j/219945081?pwd=ZEN3U3daem9oMGluZ3BXZExCdldkUT09
Next Actions

1) Community Cloud Native Strategy?
2) Develop examples for how Operators can refer to LFN work (Anuket, AAP, etc) within RFPs?