Proposal - Anuket Assured on LFN 2022

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LF NETWORKING

THE LINUX FOUNDATION

AAP Documentation Structure

Anuket Assured is an open source, community-led compliance and verification resource to demonstrate the readiness and availability of commercial cloud native and virtualized products and services. The scope of the compliance program includes verification of NFV based infrastructure, Cloud Native Infrastructure, VNF and CNF workloads, using Anuket and ONAP network management and orchestration components. The goal is to enable an industry effort focused on end-to-end system validation and interoperability integration through all parts of the stack. The Anuket and ONAP communities — with direct involvement from major Communications Service Providers (CSPs) and other end users — have now joined forces to enable infrastructure and workload conformance testing.

Anuket Assured is the first of its kind to combine automated compliance and verification testing for cloud native and virtualized stacks (VNFs and CNFs), allowing participants to establish baseline conformance and interoperability with their commercial offerings. Anuket Assured is overseen by the LF Networking Compliance and Verification Committee (CVC). Participation is open to all, but compliance and verification badge recipients must be members of LF Networking.

Benefits of Anuket Assured

For Service Providers
    Accelerate time to deployment for new network services.
    Improve interoperability and software quality.
    Reduce in-house testing effort and reduce costs.
    Improved utilization of hardware

For Vendors
    Improve time to revenue for new product offerings.
    Achieve greater alignment with service provider customer requirements.
    Demonstrate product quality through open ecosystem testing.
    Leveraging the community to reduce in-house effort

Anuket Assured Compliance Badges

Badge Categories

Anuket Assured Infrastructure   Anuket Assured Workload   Anuket Assured Lab (coming Q2 2022)

1)Replace "Badge Categories" with "Anuket Assured Compliance Badges" in the section title.

2)Remove the extraneous subtitles under each badge (categories are already part of the graphic)

3)Under the INFRASTRUCTURE badge category, we should add:

a.NFV Infrastructure - Demonstrates that the system under test has been verified to conform with the requirements specified by Anuket R1 for NFV infrastructure (https://cntt.readthedocs.io/en/stable-lakelse/ref_arch/openstack/README.html).

b.Cloud Native Infrastructure - Demonstrates that the system under test has been verified to conform with the requirements specified by Anuket R2 for Cloud Native infrastructure (https://cntt.readthedocs.io/en/stable-lakelse/ref_arch/kubernetes/README.html).

Anuket Assured Compliance Badges

Badge Categories

Anuket Assured Infrastructure

Anuket Assured Workload

Anuket Assured Lab
(coming Q2 2022)

4)Under the WORKLOAD badge category, we should add:

a.VNF - Demonstrates that the system under test has been verified to conform with the requirements specified by ONAP for Tosca based workload packaging and life cycle orchestration (https://github.com/onap/cli/blob/master/products/onap-dublin/features/integration/src/main/resources/open-cli-schema/vnf-tosca-lcm-dublin-schema.yaml).

b.CNF – Demonstrates that the system under test has been verified to conform with the requirements specified by Anuket R2 for interoperability with R2 conformant infrastructure. [Planned for 2023)

5)Under the LAB badge category, we should:

a. Update the subtitle with "Planning for 2023"

Get Started Now Earning Your Anuket Assured Badge

We welcome the industry to participate in Anuket Assured. Follow the instructions below to get started. Should you have any questions along the way, please reach out to anuketassured@lfnetworking.org for assistance.

| Step 1 Terms & Conditions | Step 2 Participation Form | Step 3 Testing | Step 4 Submit Results | Step 5 Compliance Badge |

Step 1: Start by reviewing the Anuket Assured Terms and Conditions (https://lfnetworking.org/wp-content/uploads/sites/7/2022/05/Anuket_Assured_Terms_and_Conditions_010322.pdf)

Step 2: Complete and submit the Participation Form (https://powerforms.docusign.net/b8cf1622-3566-4613-af62-8b913ecc9c52?env=na3&acct=f30e10ec-fea1-4dd8-a262-384a61edabb5&accountId=f30e10ec-fea1-4dd8-a262-384a61edabb5)

Step 3: Conduct the appropriate tests based for the badge to be earned (See the section titled "Scope of Testing for This Release" in the Program Release Documentation (https://gitlab.com/lfnetworking/cvc/anuket-assured-docs/-/tree/main/releases/2022.10)

Step 4: Submit the results for CVC review by mailing to anuketassured@lfnetworking.org

Step 5: Upon notification of verified and successful compliance, the appropriate Anuket Assured badge(s) will be awarded.

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