Cloud Native Telco Initiative (CNTI) Health Status

Presented to LFN TAC:
WIP
Cloud Native Telco Initiative (CNTI) Health Status

Presented to LFN TAC:
February 21, 2024
Community Resources

1. **Website:** [https://lfnetworking.org/cloud-native-telecom-initiative/](https://lfnetworking.org/cloud-native-telecom-initiative/)
2. **Wiki:** [Cloud Native Telecom Initiative (CNTI)](https://lfnetworking.org/cloud-native-telecom-initiative/)
3. **Mailing list:** [https://lists.lfnetworking.org/g/lfn-cnti](https://lists.lfnetworking.org/g/lfn-cnti) (104 members)
4. **LFN Tech** Slack channels
   a. #cnti-general (10 members)
   b. #cnti-bestpractices (17 members)
   c. #cnti-testcatalog-testsuite (15 members)
   d. #cnti-testsuite-dev (14 members)
   e. #cnti-certification (15 members)
5. **Community Meetings**
   a. Mondays at 8am PT: [Best Practices](https:// LFnetworking.org/cloud-native-telecom-initiative/)
   b. Tuesdays at 8am PT: [Test Catalog](https://lists.lfnetworking.org/g/lfn-cnti)
   c. Every other Thursday at 8am PT: [Certification](https://lists.lfnetworking.org/g/lfn-cnti)
CNTI Status Update (since Feb 7)

Contributor Activity:
- Best Practices
  - Dell
  - Isovalent
  - MATRIXX
  - Student
  - TietoEvry
- Certification
  - F5
  - MATRIXX
- Test Catalog
  - MATRIXX
  - Orange
  - TietoEvry

Completed Work:
- [CNTI landing page #1](#)

Project Collaborations:
- Anuket #309
- Nephio #310
- Sylva #311

In Progress:
- Reviewing Anuket requirements #309
- Certification Terms #70
- Certification Participation Form #69

Upcoming:
- LFN Project Application #8
- May 1: Presentation at ONE Summit [https://sched.co/1YUsR](https://sched.co/1YUsR)
TAC Requests/Guidance

Cost and Fees for LFN’s CNTI Certification Participation

• What we have now:
  – Members/non-profits can certify at no additional cost
  – Non-members can certify for a fee (equal to the cost of LFN membership)

• May we proceed as is?
Thank you! Q&A
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February 7, 2024
CNTI Assets Migrated to LF Networking

GitHub Repos:
- CNCF CNF WG > CNTI Best Practices
  https://github.com/lfn-cnti/bestpractices
- CNCF CNF Test Suite > CNTI Test Catalog
  https://github.com/cnti-testcatalog/testsuite
- CNCF CNF Certification > CNTI Certification
  https://github.com/lfn-cnti/certification
- CNCF CNF Testbed > Will not migrate
  To be Archived

Slack Channels:
- #cnf-wg > #cnti-best-practices
- #cnf-testsuite > #cnti-testcatalog-testsuite
- #cnf-testsuite-dev > #cnti-testsuite-dev
- #cnf-certification > #cnti-certification
- New > #cnti-general

Mailing List:
- CNCF CNF WG > LFN CNTI
  https://lists.lfnetworking.org/g/lfn-cnti

Community Meetings:
- CNCF CNF WG > CNTI Best Practices
  Mondays at 8am PT
  Register here
- CNCF CNF Test Suite > CNTI Test Catalog
  Tuesdays at 8am PT
  Register here
- New meeting > CNTI Certification
  Every other Thursday at 8am PT
  Register here
CNTI Status Update

Contributor Activity:
- New contributors to CNTI Best Practices
  - F5
  - Isovalent
  - MATRIXX
  - Samsung
- New contributors to CNTI Certification
  - MATRIXX
  - Isovalent
  - Vodafone
- New contributors to CNTI Test Catalog
  - TietoEvry

Completed Work:
- Wiki updated
- Mailing List created
- Slack channels created
- GitHub reorganization in progress

Project Collaborations:
- Anuket #309
- Nephio #310
- Sylva #311

In Progress:
- Reviewing Anuket requirements #309
- Updating CNTI landing page #312

Upcoming:
- May 1: Presentation at ONE Summit
  https://sched.co/1YUsR
TAC Requests/Guidance

- Guidance on formalizing CNTI as a LFN project
- Governance: CSP-representative co-chair needed to help drive conformance certification
- Anuket Assured archival
Thank you! Q&A
Proposed Scope of CNTI

01
Cloud Native & Kubernetes Native Best Practices
Development of Cloud Native & Kubernetes native networking best practices for infrastructure and workloads.

02
Open Source Testing Catalogue
Creation of an open source & vendor neutral testing catalog that can be used to validate & verify use of best practices.

03
Cloud Native Networking Certification Program
Develop an industry leading Cloud Native Networking certification program to build CSP confidence, drive adoption, and reduce interoperability efforts.
1H/2024 - Goals for CNTI

Primary focus will be on delivering first results by ONE Summit (April 29):

- Start to build a brand and market for awareness
- Build community and grow contributions and consumers
  - Engage with Anuket, Sylva and Nephio to identify tests of interest
  - Increase participation and voices of CSP members
  - Grow contributors (raising issues, coding, testing, documentation, etc)
- Launch LFN Certified CNF v1.0
  - Launch a new CNF certification program expanding upon the initial CNCF Certified CNF
  - Award first badges
References:

2024 LFN TAC Proposal for Cloud Native Telco Initiative