

Cloud Native Telco Initiative (CNTI) Health Status

Presented to LFN TAC:
WIP



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Presented to LFN TAC:
February 21, 2024



Community Resources

1. Website: <https://lfnetworking.org/cloud-native-telecom-initiative/>
2. Wiki: [Cloud Native Telecom Initiative \(CNTI\)](#)
3. Mailing list: <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](#)
 - b. Tuesdays at 8am PT: [Test Catalog](#)
 - c. Every other Thursday at 8am PT: [Certification](#)

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>

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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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

Cloud Native & Kubernetes Native Best Practices

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



Cloud Native Networking Certification Program

Develop an industry leading Cloud Native Networking certification program to build CSP confidence, drive adoption, and reduce interoperability efforts

Open Source Testing Catalogue

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

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](#)

