Antitrust Policy Notice

- Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.

- Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrustpolicy. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.
Meeting Information

› Zoom Meeting Information

› https://zoom-lfsplatform.linuxfoundation.org/meeting/91267803435

› Note: Anyone that accesses the link will be prompted to register for the meeting at which point they also add themselves to the invite list.
Etherpad - Meeting Minutes

› https://etherpad.lfnetworking.org/p/Nephio-TSC-2024-01-18

› Join the etherpad and set up your name and text color

› Meeting attendance - no longer needed unless quorum is being tracked for a vote during the meeting. LFX tools zoom long will be uploaded post meeting to capture all attendees.

› Please help: The more that participate, the better the minutes
Using the Mail Lists

› All groups.io email lists are <list name>+subscribe to subscribe, just email it (content does not matter)

› TSC
Post: nephio-tsc@lists.nephio.org
Subscribe: nephio-tsc+subscribe@lists.nephio.org

Development
Post: nephio-dev@lists.nephio.org
Subscribe: nephio-dev+subscribe@lists.nephio.org

SIG Automation
Post: sig-automation@lists.nephio.org
Subscribe: sig-automation+subscribe@lists.nephio.org

SIG NetArch
Post: sig-netarch@lists.nephio.org
Subscribe: sig-netarch+subscribe@lists.nephio.org

SIG Release
Post: sig-release@lists.nephio.org
Subscribe: sig-release+subscribe@lists.nephio.org

SIG Security
Post: sig-security@lists.nephio.org
Subscribe: sig-security+subscribe@lists.nephio.org

› Once you have subscribed, login to lists.nephio.org (ask for a link to be sent), then edit account details
## TSC Members

<table>
<thead>
<tr>
<th>Name / Alternate</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Alessandro D'Alessandro / Fabrizio Moggio</td>
<td>TIM</td>
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<tr>
<td>Bala Varadaraju</td>
<td>RedHat</td>
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<td>Bernard Tsai</td>
<td>Deutsche Telekom</td>
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<td>Ciaran Johnston</td>
<td>Ericsson</td>
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<td>Eric Debeau</td>
<td>Orange</td>
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<tr>
<td>Hunor Demeter / Padma Sudarsan</td>
<td>VMware</td>
</tr>
<tr>
<td>Iain Wilkinson / Riccardo Gasparetto Stori</td>
<td>Vodafone</td>
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<tr>
<td>Kandan Kathirvel (Chair)</td>
<td>Google</td>
</tr>
<tr>
<td>Raj Panchapakesan / Rahul Jadhav</td>
<td>AccuKnox</td>
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<tr>
<td>Ravi Ravindran</td>
<td>F5</td>
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<td>Sagar Arora</td>
<td>OpenAirInterface</td>
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<tr>
<td>Sana Tariq (Vice-Chair)</td>
<td>TELUS</td>
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<td>Sandeep Sharma</td>
<td>Aarna Networks</td>
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<td>Sebastian Scheele</td>
<td>Kubermatic</td>
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<td>Seshu Kumar Mudiganti</td>
<td>Wind River</td>
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<td>Sundar Nadathur</td>
<td>Intel</td>
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<td>Timo Perala</td>
<td>Nokia</td>
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<td>Victor Morales</td>
<td>Samsung</td>
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Agenda

› Antitrust Policy, Minutes, and Action Items

› SIG Status
  › [Sana & Alexis] NetArch
  › [Tal] Automation
  › [Balaji & Radoslaw] Release
  › [Raj] Security

› Events

› Other Topics
  › Nephio representation at LFN Committees

› Q&A
SIG Updates
SIG1 NetArch [Sana & Alexis]

› General
  • R2 Architecture
  • R3 Scope, Target Architecture,
  • Beyond R3 Roadmap

› 5 Working Groups
  1. Architecture and Roadmap (*interim lead SIG1 chair/co-chair*)
     i. Initial Nephio Component Architecture
  2. O-RAN (*lead Tim / Qualcomm*)
     i. Target Deployment Architecture, Objective and User Stories in progress for R3
  3. Release Scope and User Story (*interim lead SIG1 chair/co-chair*)
     i. More than 10 user stories in progress / potential for R3
     ii. Scoping is starting this Fri
  4. Experience and Modelling (*lead Ciaran / Ericsson*)
     i. Initial Draft of *Current State of Modelling*
  5. Service Assurance and Policy (*lead Subhash / Samsung*)
     i. Objectives and User Stories in progress for R3
Nephio R2 release

Automation and Release SIGs

LF Networking

The Linux Foundation
Planned Release Artifacts - R2

**Release Deliverables**
- Features
  - Enhanced multi-vendor support
  - Enhanced multi-cloud support
  - Onboarded OAI components
  - RAN use case
  - Integration with new release of Porch
- Technical debt
- Documentation

**Exploration (Spikes and PoCs)**
- Nephio SDK
  - Helm support
- Topology controller
R2 Deliverables - Features

- Multi-vendor support
  - API changes
  - Generalization
  - Parameterization
  - Reuse of params

- Multi-cloud support
  - Sandbox
  - GCP
  - OpenShift

- OAI components
  - Deploying many OAI 5G core and RAN components (CU and DU) NFs via Python-based operators
  - End-to-end call

- Integration with new release of Porch
  - Stability
  - Security
  - Repo watcher changes

- Documentation
  - Shiny new documentation generation

- Experimental: Nephio SDK
  - Flux-based deployment of Helm charts
  - Helm-to-operator converter

- Experimental: Topology Controller
  - Northbound API to express the network topology
R2 Deliverables - Technical Debt

❖ **Product**
  ➢ Removing rigid dependency on Gitea
  ➢ Fixing the Multus version
  ➢ ConfigMap generator function
  ➢ WebUI configuration options for authentication
  ➢ Reorganizing the package catalog
  ➢ Reduce hardcoding of NF parameters
  ➢ Stability of end-to-end tests
  ➢ Porch improvements
  ➢ Documentation enhancements

❖ **Process**
  ➢ Run integration tests prior to merging PRs
  ➢ Improve unit test coverage for PRs
  ➢ Automate release process
  ➢ Enable Molecule integration tests to be invoked automatically
  ➢ Automate upgrade of Prow libraries
  ➢ Added nephio-experimental GitHub org, reorganized our repositories
Code Scans

❖ Copyright and licensing scans
Fossology instance will run the final scan of whole codebase:
https://fossology.nephio.io/repo
https://prow.nephio.io/?type=presubmit&job=*fossology*
https://prow.nephio.io/?type=presubmit&job=*scancode-toolkit*
https://prow.nephio.io/?type=presubmit&job=*lichen*

❖ Security scans
Results for R1: https://secreports.nephio.io (for R2 once images are built)
https://securityscorecards.dev/viewer/?uri=github.com/nephio-project/nephio
Coordinates for Artifacts

❖ Code
➢ All release artifacts: https://github.com/nephio-project/
❖ Images
➢ https://hub.docker.com/u/nephio
❖ Docs
➢ https://github.com/nephio-project/docs
SIG3 Release [Balaji & Radoslaw]
SIG4 Security [Raj & Tom]
ONE Summit - APRIL 29 – MAY 3, 2024

› https://events.linuxfoundation.org/one-summit-north-america/
  › Mon - Co-Located Events
  › Tue & Wed - Keynotes, Breakouts + Technical Showcase
  › Thr & Fri - Developer & Testing Forum (D&TF)

› Nephio Related Talks

› LFN Booth participation
Bay Area Meetup

› Security, transport, other topics?
›
LFN Committee Representation [Timo]

› Email to TSC: https://lists.nephio.org/g/nephio-tsc/message/203

› Graduated Projects in LFN are entitled to voting representation on SPC, TAC, and the MAC *if desired*

› Wiki Page https://wiki.nephio.org/x/KgAmAw
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iv. Documentation will be received and made available by the Project under the Creative Commons Attribution 4.0 International License

https://wiki.nephio.org/display/HOME/Contributor+License+Agreement

In contrast, the actual documentation repo (and other documents in other repos) are licensed under Apache 2.0:

https://github.com/nephio-project/docs/blob/main/LICENSE

Is this an oversight, and should we change the license at least in the main documentation repository?