



# Nephio TSC Meeting

Feb. 29, 2024

 NETWORKING

 THE **LINUX** FOUNDATION

## 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 Updegrave of the firm of Gesmer Updegrave LLP, which provides legal counsel to the Linux Foundation.

# Meeting Information

- › Zoom Meeting Information
- › <https://zoom-lfx.platform.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-2024-02-29>
- › 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 log 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](mailto:nephio-tsc@lists.nephio.org)  
Subscribe: [nephio-tsc+subscribe@lists.nephio.org](mailto:nephio-tsc+subscribe@lists.nephio.org)
- › **Development**  
Post: [nephio-dev@lists.nephio.org](mailto:nephio-dev@lists.nephio.org)  
Subscribe: [nephio-dev+subscribe@lists.nephio.org](mailto:nephio-dev+subscribe@lists.nephio.org)
- › **SIG Automation**  
Post: [sig-automation@lists.nephio.org](mailto:sig-automation@lists.nephio.org)  
Subscribe: [sig-automation+subscribe@lists.nephio.org](mailto:sig-automation+subscribe@lists.nephio.org)
- › **SIG NetArch**  
Post: [sig-netarch@lists.nephio.org](mailto:sig-netarch@lists.nephio.org)  
Subscribe: [sig-netarch+subscribe@lists.nephio.org](mailto:sig-netarch+subscribe@lists.nephio.org)
- › **SIG Release**  
Post: [sig-release@lists.nephio.org](mailto:sig-release@lists.nephio.org)  
Subscribe: [sig-release+subscribe@lists.nephio.org](mailto:sig-release+subscribe@lists.nephio.org)
- › **SIG Security**  
Post: [sig-security@lists.nephio.org](mailto:sig-security@lists.nephio.org)  
Subscribe: [sig-security+subscribe@lists.nephio.org](mailto:sig-security+subscribe@lists.nephio.org)
- › Once you have subscribed, login to [lists.nephio.org](https://lists.nephio.org) (ask for a link to be sent), then edit account details

# TSC Members

| Name / Alternate                           | Organization     |
|--|------------------|
| Alessandro D'Alessandro / Fabrizio Moggio  | TIM              |
| Bala Varadaraju                            | RedHat           |
| Bernard Tsai                               | Deutsche Telekom |
| Ciaran Johnston                            | Ericsson         |
| Eric Debeau                                | Orange           |
| Hunor Demeter / Padma Sudarsan             | VMware           |
| Iain Wilkinson / Riccardo Gasparetto Stori | Vodafone         |
| Kandan Kathirvel (Chair)                   | Google           |
| Raj Panchapakesan / Rahul Jadhav           | AccuKnox         |

| Name / Alternate        | Organization     |
|-------------------------|------------------|
| Ravi Ravindran          | F5               |
| Sagar Arora             | OpenAirInterface |
| Sana Tariq (Vice-Chair) | TELUS            |
| Sandeep Sharma          | Aarna Networks   |
| Sebastian Scheele       | Kubernatic       |
| Seshu Kumar Mudiganti   | Wind River       |
| Sundar Nadathur         | Intel            |
| Timo Perala             | Nokia            |
| Victor Morales          | Samsung          |

# Agenda

- › Antitrust Policy, Minutes, and Action Items
- › SIG Status
  - › SIG1- NetArch [Sana & Alexis]
  - › SIG2- Automation [Tal & Wim]
  - › SIG3- Release [Balaji & Radoslaw]
  - › SIG4- Security [Rahul & Tom]
- › Events
  - › Nephio India Meetup
- › Other Topics
- › Q&A



## SIG Updates

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# SIG1 NetArch [Sana & Alexis]

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# SIG2 Automation [Tal & Wim]

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# SIG3 Release [Balaji & Radoslaw]

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## SIG4 Security [Rahul & Tom]

- › Work Item Prioritization
  - › Security Best Practices
    - › Scorecard Badge PR is present
    - › Improve best practices
  - › Identity & Access Management
    - › User Identity
    - › Workload Identity
      - › Explicit requirements identified
  - › Secrets Management <on-hold>
  - › Service Mesh <on-hold>
  - › Package Validation <on-hold>
- › Plan
    - › Reach out to other SIGs and present a high level view of the activities to be done. (Target: 1st week of March 2024)
  - › Help Needed?
    - › [OpenSSF portal access](#) provided -
      - › Thanks to Kenny

# Events

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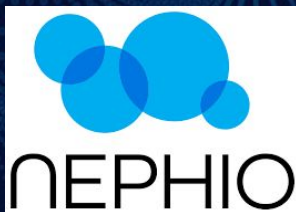


# Nephio India Meetup

**4 April | Spring 2024**

**Kandan Kathirvel, Product lead, Telecom, Google Cloud**

**Raj Panchapakesan, Global Partnerships Head, AccuKnox**



# Meeting Information

 **Location:** Google, Bagmane Tech Park, Bangalore, India  
([map](#))

 **Room:** Bagmane Capital, Kyoto West Tower, ClusterOne

 **Date:** 4 April, Thursday

 **Time:** 10AM to 4PM

 **Meetup Name:** Nephio India Meetup | Spring 2024

# Agenda

**10:00 AM - 11:00 AM - Registration (Security ID checks, Parking)**

**11:00 AM - 11:15 AM - Welcome Note by Kandan (~remote)**

**11:15 AM - 11:45 AM - Talk #1:**

**Nephio: Doing security the scalable way - by Rahul Jadhav, CTO, AccuKnox**

**11:45 AM - 12:15 PM - Talk #2: <<TBD>>**

**12:15 PM - 12:45 PM - Talk #3: <<TBD>>**

**12:45 PM - 2:00 PM - Lunch**

**2:00 PM - 2:30 PM - Talk #4: <<TBD>>**

**2:30 PM - 3:00 PM - Talk #5: <<TBD>>**

**3:00 PM - 4:00 PM - Q&A, Networking**

**\*above times are IST**



# Potential Speakers

| Name               | Title                              | LI  | Talk Title                              |
|--------------------|------------------------------------|---|---|
| Rahul Jadhav       | CTO & Cofounder, AccuKnox          | <a href="https://www.linkedin.com/in/rahul-jadhav-a0485310/">https://www.linkedin.com/in/rahul-jadhav-a0485310/</a>                   | Nephio: Doing security the scalable way |
| Sandeep Sharma     | Engineer, Aarna Networks           | <a href="https://www.linkedin.com/in/sandeep-sharma-65636119/">https://www.linkedin.com/in/sandeep-sharma-65636119/</a>               | <<TBD>>                                 |
| Nisha Mathur       | Infosys                            | —   | <<TBD>>                                 |
| <<TBD>>            | Samsung                            |   | <<TBD>>                                 |
| Kaushik Bhandankar | Principal Software Engineer        | <a href="https://www.linkedin.com/in/kaushikbhandankar/">https://www.linkedin.com/in/kaushikbhandankar/</a>                           | <<TBD>>                                 |
| Seshu Kumar        | Principal Technologist, Wind River | <a href="https://www.linkedin.com/in/seshu-kumar-mudiganti-74570623/">https://www.linkedin.com/in/seshu-kumar-mudiganti-74570623/</a> | <<TBD>>                                 |

# Resources

- Website - <https://nephio.org/> // <https://nephio.org/about/>
- Blog Postings - <https://nephio.org/blog/>
- Project Github - <https://github.com/nephio-project>
- Project email distro
  - [nephio-tsc@lists.nephio.org](mailto:nephio-tsc@lists.nephio.org) (for TSC members)
  - [nephio-dev@lists.nephio.org](mailto:nephio-dev@lists.nephio.org) (for all)
- Community groups
  - LFN - <https://events.linuxfoundation.org/>
  - KubeArmor - <https://www.meetup.com/kubernetes-cloud-native-security-india/>



**Thank You!**

# Other Topics

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# ONE Summit updates - Agenda is live

- › Tracks:
  - › Future of Innovation
  - › AI Implementation Across Telecom, Cloud, Enterprise & Edge
  - › Securing and Automating the Open End-to-End Network
  - › Deployment Use Stories: Where Slides Meet the Real World
- › Mini summits / co-located events confirmed:
  - › LF Networking Developer & Testing Forum
  - › SONiC mini summit
- › Get in front of the audience and [sponsor ONE Summit!](#)

A promotional banner for the ONE Summit. It features a dark background with a green molecular structure icon on the left. The text 'ONE SUMMIT' is prominently displayed in white. To the right, there are logos for 'LF NETWORKING', 'LF EDGE', and 'THE LINUX FOUNDATION'. Below the main title, the location 'SAN JOSE, CA' and dates 'APRIL 29 - MAY 1, 2024' are listed in white boxes. A central white box contains the text 'SESSION AGENDA NOW LIVE!' in bold. Below this, a paragraph describes the summit's focus on AI, Cloud Native Networking, Edge, Security, and more. At the bottom, a green bar contains the text 'Register today and be part of the future of networking' in white.

**ONE SUMMIT**

SAN JOSE, CA

APRIL 29 - MAY 1, 2024

**SESSION AGENDA NOW LIVE!**

ONE Summit brings top technical & executive experts from across the industry, covering the latest trends and innovations in AI, Cloud Native Networking, Edge, Security, and more.

*Register today and be part of the future of networking*

\*\* We are offering event registration discount for organizations contributing to Nephio. Please reach out to Sunny <[scai@linuxfoundation.org](mailto:scai@linuxfoundation.org)> for details

# ONE Summit - Nephio Session Highlights

## Tuesday, April 30

- › [Lessons Learned from Using Nephio to Manage a Real-World 5G Core](#)
  - › István Kispál, Nokia
- › [Nephio & Gen AI: Empowering Efficiency in 5G/O-RAN and Beyond](#)
  - › Sana Tariq, Telus Canada & Alexis de Talhouët, Red Hat
- › [Intent Driven Orchestration for Autonomous Networks Leveraging GenAI, Nephio & ONAP](#)
  - › Keguang He, China Mobile & Ganesh Narayan, Infosys
- › [Running Complex Network Function Workloads with Nephio](#)
  - › Ciaran Johnston, Ericsson & Stephen Wong, Google
- › [Code Vs. Data: Optimizing NFV Orchestration with Nephio](#)
  - › Tal Liron, Google

## Wednesday, May 1

- › [Nimbus: Intent Driven Security Automation for Telco/5G Security](#)
  - › Rahul Jadhav, Accuknox
- › [Automating Private 5G Network Functions and Infra with Nephio](#)
  - › Sriram Rupanagunta, Aarna Networks
- › [Lifecycle Management of OAI O-RAN Network Functions via Nephio](#)
  - › Sagar Arora, OpenAirInterface Software Alliance; Alexis de Talhouët, Red Hat; Sana Tariq, Telus Canada

[View the full event schedule here!](#)