

2022 SIG Election (Past - Archived)

The election results:

- TSC Vice-Chair
 - Election result: Winner is Sana Tariq
 - SIG 1 - Network Architecture - Chair
 - Single Candidate: Sana Tariq
 - SIG 2 - Automation - Vice-Chair
 - Election Result: Winner is Tal Liron
 - SIG 3 - Release - Vice-Chair
 - Single Candidate: Tina Tsou
- **SIG 1: Network Architecture** - Specifications and Requirements
 - **SIG 2: Automation** - CRDs, Operators, and Related Tooling & Reference Implementation, Packaging, Installation
 - **SIG 3: Release** - CI/CD, Test Grids, Builds, Release Machinery, Project Administration

Nomination Starts - August 4th, 2022

Nomination Ends - August 23th, 2022

SIG 1: Network Architecture - Specifications and Requirements - Call for Chair nomination - Restricted to Telecom

S. No	Name	BIO	Email address	Company	Contribution plan
1	Sana Tariq	<p>Sana is a principal technology architect leading the architecture and long-term roadmap of E2E Service Orchestration for supporting 5G/edge services over a hybrid telco cloud. She has been leading initiatives to improve cloud-native adoption through DevOps, open source solutions, and implementing organization-wide automation principles, automation CoE, and an API program. She has been involved in leading industry initiatives on making telco automation agile and cloud-native, founding partner of TELUS OSPO, project Nephio and leading industry efforts around cloud-native automation. She is actively working and leading various efforts with Linux Foundation, ATIS, and supporting research across North American universities.</p> <p>Sana Tariq is Ph.D. in Computer Science majoring in optical communications, cloud computing, and software-defined networking (Fulbright scholarship and CREOL fellowship awards)</p> <p>Sana has given many presentations on service orchestration, cloud-native transformation, open source adoption and telco transformation at the edge of 5G. One of recent blogs published at Nephio website: https://nephio.org/on-the-road-to-public-cloud-5g-networks/</p>	sana.tariq@telus.com	TELUS Canada	<p>Having worked with many orchestration platforms across the industry (ONAP, OSM, and most vendors' solutions) over the last six years, I want Nephio's roadmap to drive simplicity, agility, vendor-neutral automation that can deliver the promise of cloudification. Nephio community has to influence ecosystem standards, open source projects, and network function vendors to this cloud-native vision. We need to build a strong foundation for faster, easier network functions onboarding and runtime management to accelerate services delivery timelines, a need to support the 5G vision.</p> <p>We need to approach automation as bottom-up and solve the immediate challenges and complexities first. To ensure this open source projects gets successful, we must focus on smaller targets, run in DevOps cycles and be pragmatic.</p> <ol style="list-style-type: none"> 1. Identify the use-cases that apply to the largest number of services providers' requirements in 2023+ (targeting greenfield 5G/1G7/.. that requires massive roll-outs) 2. Define a functional roadmap for Nephio that helps deliver production-ready increments of the project for faster adoption across major service providers 3. Aim to simplify the use/adoption of Nephio and development of Operators, CRDs (template sharing, GUI improvements, partial parsers, etc.) 4. Ensure Nephio can support automation of network functions, and services and is capable of integrating over standards based interfaces to ecosystem components following ETSI, 3GPP and ORAN interfaces. 5. Ensure Nephio's adoption across all NFs vendors, Public Cloud providers through service provider's joint collaboration 6. Ensure community members participation and joint voice is reflected in requirements and roadmap.

SIG 2: Automation - CRDs, Operators, and Related Tooling & Reference Implementation, Packaging, Installation - Call for Vice Chair Nomination - Member with s/w development experience

S. No	Name	BIO	Email address	Company	Contribution plan
1	Tal Liron	<p>Tal is a senior principal software engineer in Red Hat's Telco Solutions team, where he works with partners and customers to integrate network function workloads into the cloud native stack. In other words: the Nephio scope. He was the liaison to the ONAP project, where he focused on service orchestration and Kubernetes, and is in the core group at OASIS drafting the TOSCA 2.0 specification. In his Telco Solutions role he has initiated several projects and PoCs that align with Nephio's goals, including multusct, Candice, Knap, Puccini, Turandot, Khutulun, Reposure, and CNCK.</p> <p>Before Red Hat he worked at Cloudify, specifically on OPEN-O (subsumed into ONAP) and the now-retired Aria Tosca project.</p> <p>He has given many public presentations on the topic of cloud native, declarative, intent-driven, policy-oriented orchestration in telco. Evangelist? Prophet? Broken record? Time will tell!</p>	tliron@redhat.com	Red Hat	<p>I intend to steer us towards the "Unix philosophy": Nephio as a collection of focused tools (operators) that solve one problem well. The advantage of the operator pattern in declarative orchestration, on which I have worked and written extensively, is that operators can be chained together to form comprehensive solutions, which we know will differ between vendors. Our reference implementation should reflect this differentiation and encourage innovation at its integration points rather than locking us down with too much opinion.</p> <p>CRDs will be tricky, requiring a careful balance between abstraction and actual features, all within the confines of Kubernetes's extensible ecosystem. I've seen many modeling efforts in telco fail due to designed-by-committee bloat, shortsightedness, and/or irrelevancy. I hope to lead from experience and help us keep our eyes on the ball: <i>delivering</i> CNFs on Kubernetes, rather than defining them.</p> <p>In particular we need to solve the "bifurcation" problem of vertically integrated CNFs. Which operators will run on the management cluster and which on the workload cluster? How will our packaging, CRD design, and tooling reflect and connect the two paths? Presentation on this topic is forthcoming. Another topic I want to focus on is networking orchestration, what I call "Multus, part 2". How do we manage Multus at scale without requiring CNFs to package complete CNI configs?</p> <p>Some words I live by: The best technology is often the most familiar, not the suddenly popular. User experience is a starting point, not an afterthought. Documentation is as important as code.</p> <p>I'll do my best to foster a welcoming, open, and diverse development community where everyone feels safe and valued.</p>
2	Wim Henderickx	<p>Wim is head of technology and architecture in Nokia's IP division, where he works with partners and customers to provide consultancy advise in IP technology, Cloud and Automation. He has over 25 years of experience in the telco and enterprise communication and networking industry and is a regular speaker at technical conferences all over the world.</p> <p>He is driving the automation strategy within Nokia for the IP division where he developed a prototype that is aligned with the Nephio vision. A reference open source project he initiated is containerlab(https://containerlab.dev) where multiple vendors have been integrated and collaborated.</p> <p>Wim holds a Bachelor's degree in Industrial Engineering, Data Communication and a Masters degree in Economy and is a Bellabs Fellow</p>	wim.henderickx@nokia.com	Nokia	<p>Given I developed a similar vision as Nephio, my motivation to apply for this role is to make the Nephio project successful. I am a big believer in the cloud native operation and the goals the Nephio project is aiming for.</p> <p>I want to do this on one hand by leveraging my knowledge of the Telco world, but also from the knowledge I gained when building a prototype that leverage CRDs to automate various parts of the telco's infrastructure.</p> <p>On top I intend to help organize the project and build an open community. I have experience in operating large multi-national and multi-cultural teams that operate on common goals, set milestones and drive towards success.</p> <p>I am known to be open and approachable to get the best way forward for the community and the project.</p>

SIG 3: Release - CI/CD, Test Grids, Builds, Release Machinery, Project Administration - Call for Vice Chair nomination - - Member with s/w development experience

S. No	Name	BIO	Email address	Company	Contribution plan
1	Tina Tsou	<p>Tina Tsou is an innovator and a visionary with far-reaching accomplishments within the technical engineering realm. As Arm's Enterprise Architect, Tina serves in the highly visible Technical Lead role for the Enterprise Open Source Enablement team, where she analyzes, designs, and implements robust strategies to establish first tier status for Arm's architecture within open source communities and projects. Tina also serves as Arm's Edge Computing Team Lead. As the company's open source thought leader, she builds powerful partnerships with and influences open source communities in support of multiple architectures.</p> <p>Tina previously served as the Digital Domain Expert (Connectivity) for Philips Lighting, where she implemented NB-IoT in an outdoor carrier project with China Mobile and Huawei. She released Bluetooth + ZigBee combo chip architecture and delivered a connectivity hardware/software platform (ZigBee 3.0, Wi-Fi). The China and United States Patent and Trademark Offices have granted Tina 100+ patents.</p> <p>She earned her Bachelor of Computer Science degree from Xi'an University of Architecture and Technologies, and currently studies in Stanford University Graduate Business School. Tina was the first woman to chair an Internet Engineering Task Force (IETF) working group from a Chinese business enterprise and was the youngest Asian rapporteur in ITU Telecommunication Standardization Sector (ITU-T) history. She currently serves as Board Chair of LF Edge, and previously served as Chair of the Akraio Technical Steering Committee.</p>	tina.tsou@arm.com	Arm	<p>People: bring in developers and interested people to contribute on the release work.</p> <p>Architecture: leverage LF experience, to build CI/CD, Test Grids, and Builds.</p> <p>Routine: build roadmap, milestones, requirements, for Release Machinery.</p> <p>Culture: provide project administration for release planning.</p>

