

Nephio Project  
MINUTES OF THE TECHNICAL STEERING COMMITTEE  
March 02, 2023  
10:00 am Pacific Time

Voting Representatives

\*\*\*Please add + after your name if you are attending\*\*\*

Google

-Kandan Kathirvel (Chair) +

Wind River

-Bin Yang

-Seshu Kumar

Nokia

-Timo Perala

Wim Henderickx (Nokia) for Timo

Deutsche Telekom

-Bernard Tsai+

Vodafone

-Iain Wilkinson

-Riccardo Gasparetto Stori

Equinix

-Oleg Berzin

Intel

-Sundar Nadathur +

TIM

-Fabrizio Moggio

Ericsson

-Ciaran Johnston +

-Peter Woerndle

Casa Systems

-Eric Gaudet

Mavenir

-Jane Shen +

Bell Canada

-Daniel Bernier

-Marc-Alexandre Choquette

TELUS

-Sana Tariq +

Aarna Networks

-Sandeep Sharma

Orange

-Eric Debeau +

VMware

-Hunor Demeter +

-Padma Sudarsan

Argela

-Erhan Lokman

Capgemini

-Sandip Sarkar

-Chandra

F5

-Sanju Abraham

-Ravi Ravindran +

Kubernatic

-Sebastian Scheele

Verizon

-Gene Bagwll

Attending

\*\*\*Please add yourself here if you are not a voting representative\*\*\*

John Belamaric

Liam Fallon

Alexis de Talhouet

Anh Thu Vo

Selcuk Duman

Sunny Cai (LF)

Lucy Hyde (LF)

Balaji Varadaraju

Stephen Wong  
David Bainbridge (Ciena)  
Tal Liron  
Vishwanath Jayaraman (Red Hat) +  
Wajeeha Hamid  
Refael Hamo  
Mike Woster  
Radoslaw Chmiel

Not attending  
Vance Shipley (SigScale)  
Olivier Smith (MATRIXX)  
Borislav Glozman  
Kaushik Bhandankar  
Philippe Jeurissen  
Senthil Kumar Ganesan  
Subhash Kumar Singh

#### Call to Order

Kandan Kathirvel (KK) called the meeting to order at 10:04 am. Lucy Hyde (LH) assisted in recording the minutes. LH reviewed the antitrust policy notice.

#### Agenda/Action Items

Kandan Kathirvel (KK) reviewed the agenda for the meeting. There were no changes or additional topics added.

#### Membership Update:

Mike Woster (MW) stated that he will be reaching out to everyone next week and that they are targeting the announcement and first board meeting towards end of April. MW will provide documents and membership kit to join and will be available to answer any questions. TSC members, please look to hear from Mike early next week. Balaji Varadaraju (BV) inquired about what should be expected in the package and general communications. MW stated that it would include a presentation, what to expect with transition to the Directed Fund, draft documentation to share with your respective organization, a link to member enrollment, and a calendar for Mike/contact information.

Ciaran Johnson (CJ) gave a presentation for Nephio support of Helm Charts, stating that support is critical as Helm is ubiquitous in Kubernetes. CJ proposes to have a discussion with SIG automation with regard to Helm Chart support. Wim Henderickx (WH) stated that it would increase adoption for Nephio, and that the TSC should explore options to support Helm. Kandan Kathirvel (KK) asked Sana Tariq to initiate group; Sana agreed. John Belamaric (JB) stated that it was discussed lightly in SIG Automation and that it makes sense to form a working group for Helm. JB also included that there are many options/multiple ways to operate while honoring core Nephio. Anh Thu Vo (ATV) requested other references besides the 35GC helm chart repos.

WH stated that links would be shared. Balaji Varadaraju (BV) inquired further to understand spirit of request. WH said it was due to deploying network functions in kubernetes is specific to Helm.

#### SIG Updates

NetArch: Sana Tariq (ST) stated that NetArch is in the process of reviewing service providers (one complete) and that there is an invite to SIG Automation to bring CRDs.

Automation: John Belamaric (JB) stated that SIG Automation shared the CRD Design to SIG NetArch. Additionally, SIG Automation created three subprojects for better parallel execution and that the subprojects will begin execution on R1 tasks.

Release - Stephen Wong - working with SIG Automation (these minutes will be updated when the recording becomes available; currently, we are experiencing recording issues in PCC).

From Chat:

*David Bainbridge: Just a thought. Don't fight what customers want to use and know. Support it. If you have something you think is better then show how it is better. If it is better, how ever a customer defines that, they will select it. Different isn't enough, better for the customer is the requirement.*

*John Belamaric: 100% agree David. My goal for a solution is to incorporate it in line with Nephio principles, and show value of Nephio way of doing things, and allow gradual transition to take advantage of that value.*

*Sundar: Nephio's principle of config-as-declarative-intent is a core principle. At the same time, Helm charts are ubiquitous in the industry. I think the way forward is to define a tool set and a set of best practices for converting a Helm chart to a kpt package + a set of kpt functions that transform the pkg to various variants from the Helm chart.*

*This will be complicated but may be the best way to reconcile the competing needs.*

*Wim: I agree there is ways we can support helm w/o violating the core principles. If we can agree on such approach it is a win/win*

*John: Yes. "Conversion" is one way but there are others we can discuss in the subproject.*

#### Q&A

Kandan Kathirvel (KK) adjourned the meeting at 10:35am PT.