

Meeting of the Technical Steering Committee of the Akraino Edge Stack Project

November 26th, 2019



TSC Voting Member Roll Call

SL No.	Member Company	Voting Member	Contact Information	Present
1	AT&T	Kandan Kathirvel	kk0563@att.com	x
2	Nokia	Tapio Tallgren	tapio.tallgren@nokia.com	
3	Ericsson	Andrew Wilkinson	andrew.wilkinson@ericsson.com	
4	Arm	Tina Tsou	tina.tsou@arm.com	x
5	Intel	Srini Addepalli	srinivasa.r.addepalli@intel.com	x
6	RedHat	Frank Zdarsky	fzdarsky@redhat.com	
7	Juniper Networks	Sukhdev Kapur	sukhdev@juniper.net	x
8	Baidu	Henchun Zhang	zhanghechun@baidu.com	
9	Didi US Labs	Ken Yi	kenyi@didiglobal.com	
10	Tencent	Mark Shan	markshan@tencent.com	
11	Wind River	Dariusz Eslimi	dariusz.eslimi@windriver.com	
12	MobileEdgeX	Vikram Siwach	vikram.siwach@mobiledegex.com	
13	InwinStack	Thor Chin	thor.c@inwinstack.com	
14	Vmware	Xinhui	lxinhui@vmware.com	x
15	Huawei	Khemendra Kumar	khemendra.kumar13@gmail.com	x

Agenda Items

- › R2 Blueprint Reviews – Scheduled to Date
- › Security Sub-Committee Status
- › Akraino Regional Event – India
- › PTL Updates

R2 Blueprint Reviews – Scheduled to Date

› Self-Certified Reviews

- › 11/13/19 Connected Vehicle Blueprint
- › 11/15/19 Network Cloud and Tungsten Fabric Blueprint
- › 11/19/19 SEBA Blueprint
- › 11/21/19 ELIOT IoT Gateway, uCPE Blueprints
- › 11/22/19 KNI Provider Access Edge Blueprint
- › 11/25/19 Rover, Unicycle SR-IOV, Unicycle OVS-DPDK Blueprints
- › 11/26/19 IEC Type 1 and Type 2 Blueprints

› Maturity Review

- › 11/21/19 - Radio Edge Cloud Blueprint Maturity Review

Documentation Sub-Committee Reminder

- › Reminder Upcoming reviews:
- › 11/29- KNI provider Access Edge, [Yolanda Robla Mota](#), AI ML, AR/VR application at the edge, [Vikram Siwach](#)

Security Sub-Committee Status

- › We have started the process to elect a new Chair, since Ken Yi has decided to step down as of 11/05/19
- › Chair Self-Nomination should be completed by 12/02/19 by updating the table in the link below
<https://wiki.akraino.org/display/AK/Security+Sub-committee>
- › Elections for new Chair will be held 12/03/19
- › Elected Chair will be submitted to TSC for approval

Akraino Regional Event - India

- › Akraino Edge Stack community will conduct a workshop on December 17th at the BITS Pilani, Campus in Goa, India and participate in an event at National Informatics Center, New Delhi, India on December 23rd.
 - › The workshop in Goa will be co-located with IEEE International Conference on Advanced Networks and Telecommunications Systems which is being held at the same venue December 16-19, 2019. See URL: <https://ants2019.ieee-comsoc-ants.org/>.
 - › The event in New Delhi is being hosted by Open Technology for Digital Transformation initiative on December 23rd, 2019.
- › This workshop will provide an overview of Akraino Edge Stack with a focus on engaging service providers & enterprises in India so they can leverage Akraino blueprints for deploying edge computing solutions for their use cases of interest
 - › <https://wiki.akraino.org/display/AK/Akraino+Regional+Event+-+India>

PTL Update

› PTLs to provide updates on the status of the Blueprints and Feature Projects

Blueprint	Winner of PTL Election
SEBA	Julie Lorentzen – AT&T
Serverless	Itamar Eshet- AT&T
Unicycle SR-IOV	David Plunkett- AT&T
Rover	David Plunkett- AT&T
Unicycle OVS-DPDK	Jeff Collins - Ericsson
Tungsten Fabric	Sukdev Kapur - Juniper
Edge Video Processing	Adnan Saleem- Radisys
Enterprise Edge Lightweight and IoT	Khemendra Kumar- Huawei
ELIOT SD-WAN/WAN Edge/uCPE	Khemendra Kumar- Huawei
IEC Type 1	Trevor Tao (ARM)
IEC Type 2	Xinhuli (VMWare)
IEC Type 4	Wenping Ying (HTC)
Industrial Edge	Yolanda Robla – Red Hat
Provider Access Edge	Yolada Robla – Red Hat
Micro MEC	Tapio Tallgren- Nokia
Radio Edge Cloud	Paul Carver- AT&T
Starling X	Bill Zvonar- Wind River
Time Critical Edge	Shane Dewing- Intel
Connected Vehicle	Robert Qiu- Tencent

Blueprint	Winner of PTL Elected
AI/ML and AR/VR Apps for Edge	Vikram Siwach - MobileEdgeX
Integrated Cloud Native NFV/App Stack	Kuralamudhan Ramakrishnan - Intel
ELIOT AIoT in Smart Office Blueprint	Guoxu (Jeremy) Liu
5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting	Feng Yang -Tencent
The AI Edge – School/Education Video Security Monitoring	Hechun Zhang - Baidu

Feature Project	Winner of PTL Elected
Akraino Portal	Mike Hunter – AT&T
Cluster Health & Overload Monitoring Platform (CHOMP)	Mike Hunter – AT&T
Support of OVS-DPK in Airship	Georg Kunz – Ericsson
Blueprint Validation Framework	Tapio Tallgren - Nokia
Akraino Profiling	Helloway He - Huawei
Regional Controller	Bob Eby – AT&T
API Gateway	Thor Chin - Inwinstack
MEC API Framework	Lokanath Padhu - Nokia
Backup and Restore (Snappy)	Josh Auzins - AT&T

Sub-Committee Chair Updates

- › API Sub-committee - Vikram Siwach
- › CI, Blueprint Validation Lab sub-committee - Peter Pouliot, Robert Qiu (Co-Chair), Lincoln Lavoie (Lab Manager)
- › Community Sub-committee – Tapio Tallgren
- › Documentation Sub-committee - Sujata Tibrewala
- › Process, Project review – Andrew Wilkinson
- › Security Sub-committee – TBE (to be elected)
- › Upstream Sub-committee – Jim Xu