Meeting of the **T**echnical **S**teering **C**ommittee of the Akraino Edge Stack Project

February 27, 2020

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	x
3	Ericsson	Andrew Wilkinson	andrew.wilkinson@ericsson.com	x
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	x
7	Juniper Networks	Sukhdev Kapur	sukhdev@juniper.net	x
8	Baidu	Hechun Zhang	zhanghechun@baidu.com	x
9	Tencent	Mark Shan	markshan@tencent.com	
10	Wind River	Dariush Eslimi	dariush.eslimi@windriver.com	
11	MobileEdgeX	Vikram Siwach	vikram.siwach@mobiledgex.com	
12	InwinStack	Thor Chin	thor.c@inwinstack.com	x
13	Vmware	Xinhui Li	lxinhui@vmware.com	x
14	Huawei	Khemendra Kumar	khemendra.kumar13@gmail.com	x

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Agenda Items

1. Akraino TSC F2F & 2020 Planning meeting

- Agenda:- R3 planning, 2020 priorities for the community, labs, developer sync-up
- Date: March 2nd & 3rd
- Sponsor Host: Facebook, Bldg-20, Menlo Park, CA 94025, will also provide food and transport
- **Agenda has been posted on the WiKi for FINAL TSC review**
- https://wiki.akraino.org/pages/viewpage.action?pageId=20318871
- Please provide an RSVP here (http://www.cvent.com/d/pnqmyq/4W) for the event ASAP, due date of February 21 is now passed, Facebook needs information to plan food and logistics
- **Mandatory requirement from LF** → All participants are requested follow the LF Policy and self-certify for coronavirus - https://events.linuxfoundation.org/open-networking-edge-summit-north-america/attend/novel-coronavirus-update/
- Please complete the certification by Sunday, March 1. Anyone who has not been certified by the event will be asked to certify onsite, and if they are unable to, they will unfortunately not be able to participate at the event for the safety of other attendees.

Agenda Items

2. Security Sub-Committee

› Randy Stricklin , AT&T, has been elected as co-chair by Security sub-committee membership, need TSC approval

› https://wiki.akraino.org/display/AK/Security+Sub-committee

3. "We have two BPs who presented to the Process SC this last week to be reviewed and voted on by the TSC for graduation to the Incubation state

- SmartNIC for IEC Family submission templates:
https://wiki.akraino.org/display/AK/IEC+Type+5%3A+SmartNIC+for+Integrated+Edge+Cloud+%28IEC%29+Blueprint+Family

- RoboTaxi submission templates: https://wiki.akraino.org/display/AK/The+AI+Edge%3A+RoboTaxi
  - o Notes: Approximately 10% of the SW is not open source
  - o Infrastructure HW and SW provisioning is to be manual

Some consideration of the non-open source components in the RoboTaxi BP should be made by the TSC

In general, the TSC should also consider whether there should be any automation requirement for infrastructure HW and SW provisioning

Otherwise the Process SC recommends to the TSC that both BPs be included in the Incubation state."

Andrew Wilkinson, Process SC Chair"

Agenda Items

4. ONES, April 2020 Updates

- There will be a joint LFN and LFE Unconference at ONES
- They are currently soliciting ideas for sessions
- https://wiki.lfnetworking.org/display/LN/2020+ONES%3ANA+Unconfrence+Topic+Proposals
- Proposal from Akraino has been posted in the link above
  - Akraino community uses multiple projects from LFN and CNCF such as K8, ONAP, etc., A collaborative discussion between Akraino/LF Edge, ONAP/LFN and K8/CNCF would be beneficial to all. Akraino community could share how we are using these projects within Akraino and what additional backlogs are expected in 2020.
  - Akraino being a user of LFN and CNCF is one part, the other part is LFN and CNCF community could make use of the tools and blueprints delivered by the Akraino. An open use case discussion could bring communities together.
- Wiki page has been created to track Akraino related participation
- https://wiki.akraino.org/pages/viewpage.action?pageId=24084579

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Agenda Items

5. SEBA Blueprint (Telecom Appliance Family)

› Julie Lorentzen has stepped down as PTL for the SEBA blueprint, part of Telecom Appliance (TA) Family as of February 03, 2020

› Self-Nomination should be completed by 02/28/2020. Elections will be held 03/02/2020.

› PTL self-nomination is open and can be entered in the link below

› https://wiki.akraino.org/display/AK/SDN+Enabled+Broadband+Access+%28SEBA%29+for+Telco+Appliance+Blueprint+Family

6. Documentation Sub-Committee

› Sujata Tibrewala stepped down as Documentation Sub-Committee Chair on 01/17/2020

› Chair self-nomination is open can be entered in the link below

› https://wiki.akraino.org/display/AK/Documentation+Sub-committee

7. Sub-Committee Chair Updates

Sub-Committee Chair Updates

› API Sub-committee - Vikram Siwach, Jane Shen (Co-Chair)

› CI, Blueprint Validation Lab sub-committee - Peter Pouliot, Robert Qiu (Co-Chair), Lincoln Lavoie (Lab Manager)

› Community Sub-committee – Tapio Tallgren

› Documentation Sub-committee - TBE

› Process, Project review – Andrew Wilkinson

› Security Sub-committee – Haitao Wang, Randy Stricklin (Co-Chair)

› Upstream Sub-committee – Jim Xu

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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 – stepped down 02/03/2020
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
ELIOT AIoT in Smart Office	Guoxu (Jeremy) Liu
IEC Type 1	Trevor Tao (ARM)
IEC Type 2	Xinhuli (VMWare)
IEC Type 4	Robert Qiu- Tencent
Industrial Edge	Yolanda Robla – Red Hat
Provider Access Edge	Yolanda Robla – Red Hat
Micro MEC	Tapio Tallgren- Nokia
Radio Edge Cloud	Paul Carver- AT&T
Starling X Far Edge	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 - MobiledgeX
Integrated Cloud Native NFV/App Stack	Kuralamudhan Ramakrishnan - Intel
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-DPDK 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