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

January 07, 2020

AKRAINO
EDGE STACK

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	
7	Juniper Networks	Sukhdev Kapur	sukhdev@juniper.net	
8	Baidu	Hechun Zhang	zhanghechun@baidu.com	
9	Tencent	Mark Shan	markshan@tencent.com	X
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	
13	Vmware	Xinhuili	lxinhui@vmware.com	
14	Huawei	Khemendra Kumar	khemendra.kumar13@gmail.com	X

Agenda Items

› Akraino community 2020 priorties review

› R2 Release Review – BPs approved by TSC

› 1Q2020 F2F meetup – TSC and Developer meeting

  › Proposal – March 1st week, Bay Area, CA

    › Demo R2 blueprints
    › Share insight about R3 blueprints
    › Focus heavily on technical topics than process

  › Akraino Summit – Merge activities with ONES, April 2020

› PTL Updates

2020 Top Community Priorities Review

1. Successful R2 release by Jan, 2020. [Press release]

2. Develop and publish common Frameworks by 1Q2020
   - Baseline R3 automated BP Validating testing and fully functional framework for R3
   - Publish Community Specification - Common API set for all Akraino BPs
   - Publish Community Specification – Common KPI tools to measure performance, latency, etc., for the BPs.
   - Promote the use of Feature projects across Akriano BPs and minimize overlaps

3. Develop actionable plan with TSC and other LF Edge Projects to promote colloboration
   - Integrated BPs in R3 and Demo in ONES, April 2020

4. Form official alliance with O-RAN, TIP, etc

5. Promote end user deployments and publish end user stories
   - Develop actionable plan with Marketing Committee and BPs

6. LF Edge level Lab infrastructure
   - Colloborate with LF Edge/TAC

7. Recruit new members/developers to Akraino

8. Review LF resources and secure alignment

9. Active Participation in TAC Architecture Group & TAC Sub-group to share LF Edge process

10. What else?

R2 release - Full list of BPs Approved

Blueprint	Date	Use Case review	CD logs review	Installation procedure	One-Page Executive Summary Template
Connected Vehicle (Self-Certified)	11/13/19 12/04/19, 12/06/19	Completed	Completed	Completed	Posted
Network Cloud and Tungsten Fabric (Self-Certified)	11/15/19 11/26/19	Completed	Completed	Completed	Posted
SEBA Blueprint (Self-Certified)	11/19/19	Completed	Completed	Completed	Posted
ELIOT IoT Gateway (Self-Certified)	11/21/19	Completed	Completed	Completed	Posted
ELIOT uCPE (Self-Certified)	11/21/19	Completed	Completed	Completed	Posted
KNI Provider Access Edge (Self-Certified)	11/22/19	Completed	Completed	Completed	Posted
Rover (Self-Certified)	11/25/19	Completed	Completed	Completed	Posted
Unicycle SR-IOV (Self-Certified)	11/25/19	Completed	Completed	Completed	Posted
Unicycle OVS-DPDK (Self-Certified)	11/25/19	Completed	Completed	Completed	Posted
IEC Type 1 (Self-Certified)	11/26/19 12/03/19	Completed	Completed	Completed	Posted
IEC Type 2 (Self-Certified)	11/26/19 12/03/19	Completed	Completed	Completed	Posted
Multi-Server Integrated Cloud Native NFV/App stack (Self-Certified)	12/2/19 12/3/19	Completed	Completed	Completed	Posted
IEC Type 4: AR/VR oriented Edge Stack (Self-Certified)	12/19/19	Completed	Completed	Completed	Posted
Radio Edge Cloud (**Maturity**)	11/21/19	Completed	Completed	Completed	Posted

5 New Blueprints in R2
8 Continuing from R1 as Self-Certified Release
1 Continuing from R1 as Mature Release

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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
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 - MobiledgeX
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