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

December 10, 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	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	Henchun Zhang	zhanghechun@baidu.com	
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	
13	Vmware	Xinhuili	lxinhui@vmware.com	x
14	Huawei	Khemendra Kumar	khemendra.kumar13@gmail.com	x

Agenda Items

› Update on R2 Blueprint Reviews to Date

› Release 2 Market Communications – Jill

› Release 2 Landing Page Development – Michael

› 2020 Goals

› Akraino Workshop / Regional Developer Meetup - India

› PTL Updates

Update on R2 Blueprint Reviews to Date – December 10, 2019

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

Pending R2 Blueprint Reviews

Review	Date	Use Case review	CD logs review	Installation procedure	One-Page Executive Summary Template
ELIOT AIoT in Smart Office Blueprint (Self-Certified)	**DECIDED TO OPT OUT AND GO FOR RELEASE 3**				
AI/ML and AR/VR applications at Edge (Self-Certified)	**DECIDED TO OPT OUT AND GO FOR RELEASE 3**				
IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family (Self-Certified)	Scheduled 12/13/19				

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2020 Goals

› As discussed during TSC meeting on 10/24/19, TSC needs to work on Goals for 2020 as required by the Board

› A page has been created in WiKi to track goals proposed by TSC members, PTLs, and Sub-Committee Chairs

› Target is to complete goals by December 16, 2019 https://wiki.akraino.org/display/AK/Goals+2020

Akraino Regional Event - India

› Akraino Edge Stack community will conduct a Workshop / Regional Developer Meetup 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 20th

  › 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 20th, 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 - 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