03/02~03/2020 Akraino TSC F2F & 2020 Planning meeting

Mandatory requirement from LF All participants are requested follow the LF Policy and self-certify - https://events.linuxfoundation.org/open-networking-edge-summit-north-america/attend/novel-coronavirus-update/

Summary

› Agenda:- R3 planning, 2020 priorities for the community, labs, developer sync-up
› Date: March 2nd & 3rd
› Location: Menlo Park, CA
› Host: Facebook Connectivity

Meeting Agenda Lead: Tina Tsou, Akraino TSC Co-Chair

Please submit any questions about this event to tsc@lists.akraino.org in the #akraino channel on https://slack.lfedge.org/

Dates and Locations:

02 Mar 2020 To 03 Mar 2020

- Facebook, Bldg-20, Menlo Park, CA 94025

Zoom Meeting Recording - March 2 (Day 1):

https://zoom.us/rec/share/3pUkc5_M5z1LBc-V02XSQoRwAtjYT6a82nJI-_oLxEpJgCUfrrSa6cHHPkL1H5o-

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Zoom Meeting Recording - March 3 (Day 2):

https://zoom.us/rec/share/2ItxEe3Q1iBJY9b38hDPHZcmDKq9eaa81ylKqPpfz69i8Q6wpWZE9Mj55g6Ptfc

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Visa Letter Request Process: https://events.linuxfoundation.org/visa-request/

Recommended Airport: San Jose International Airport, or SFO

Transportation Options: Self driving, Taxi, Uber, or Lyft

Guest Parking Available:

- Free in host parking structures or street parking

Corporate Security Access: visitor badges required

Guest Wifi: Will be provided on site.

Draft Agenda:

Monday, 02 Mar 2020

Meeting Location: Building 20

Time	Topics
8:00 am - 8:30 am	Shuttle Runs from Bldg-41 to Bldg-20
8:30 am onwards	Breakfast
9:00 am - 9:10 am	Welcome note – Kandan Kathirvel, TSC Chair Tina Tsou, TSC Co-Chair
9:10 am – 9:15 am	Logistics – Shah Rahman, Facebook
9:15 am - 9:35 am	State of LF Edge - Arpit Joshipura, Linux Foundation - Slides
9:35 am - 9:50 am	Akraino Community Accomplishments - Kandan Kathirvel, AT&T 

9:50 am – 12:30 PM R2 Blueprint PTL Presentations to include R3 planning and backlog items Maximum of 15 Minutes per BP	5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting - Feng Yang - Tencent 
	Connected Vehicle – Mark Shan, Tencent https://www.lfedge.org/projects/akraino/release-2/connectedvehicle/ **IEC Type 4 AR/VR – Mark Shan, Tencent** https://www.lfedge.org/projects/akraino/release-2/iec4/
	NC Tungsten Fabric – Sukhdev Kapur, Juniper Networks
	IEC Type 1 - Trevor Tao (Arm) IEC Type 2 - Trevor Tao (Arm) 

ICN - Kuralamudhan Ramakrishnan, Intel



KNI Provider Access Edge - Yolanda Robla, RedHat

ELIOT IoT GW / uCPE – Khemendra Kumar, Huawei



Coffee Break

Micro-MEC - Tapio Tallgren, Nokia



	Rover / Unicycle SR-IOV/OVS DPDK - David Plunkett, AT&T, Jeff Collins, Ericsson  
	Radio Edge Cloud – Paul Carver, AT&T 
12:30 pm - 1:00 pm	Lunch break

1:30 pm – 2:00 pm	2020 priorities for the community - Kandan Kathirvel, Tina Tsou, TSC 
2:00-3:30 pm	

Sub-Committee Chair Plans

- API Sub-committee - Vikram Siwach, MobileEdgeX
- CI, Blueprint Validation Lab sub-committee - Peter Pouliot (Ampere), Lincoln Lavoie (UNH, Lab Manager)
- Community Sub-committee – Tapio Tallgren, Nokia
- Documentation Sub-committee - Andrew Wilkinson /Kandan
- Process, Project review – Andrew Wilkinson, Ericsson



- Security Sub-committee – Randy Stricklin, AT&T



- Upstream Sub-committee – Jim Xu, Zenlayer

	
3:30 pm – 3:45 pm	Coffee break

3:45 pm – 5:30 pm	R3 Planning - Kandan Kathirvel, Tina Tsou, TSC Self Certification of Incubation Projects Use of Validation project for R3 projects review  Inactive projects - discussion to archive it 
5:30 pm - 5:45 pm	Meeting End - Shuttle Runs from Bldg-20 to Bldg-41

Tuesday, 03 Mar 2020

Meeting Location: Building 20

Time	Topics
8:00 am - 8:30 am	Shuttle Runs from Bldg-41 to Bldg-20
8:30 am onwards	Breakfast

9:00 am - 9:40 am 10 minutes /End user stories	The AI Edge - Hechun Zhang, Baidu https://www.lfedge.org/2020/02/18/akraino-edge-stack-use-cases-baidus-end-user-story/ 
	Android Cloud - Yongsu Zhang, Kairui She, ByteDance IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family - 

	Private LTE/5G with Magma integrated in ICN - Shah Rahman, Facebook 
	Tencent's end user stories - Mark Shan, Tencent https://www.lfedge.org/2020/03/02/akraino-edge-stack-use-cases-tencents-end-user-story/ 
9:40 am - 10:00 am	Blueprint Validation Feature Project - Tapio Tallgren, Nokia 

10:00 am - 10:20 am	KPIs for Blueprints - Arif Khan, VoerEir AB 
10:20 am - 10:40 am	API White Paper Update - Vikram Siwach, MobileEdgeX
10:40 am - 11:00 am	Coffee Break
11:00 am - 11:20 am	LF Edge TAC Update - Jim St. Leger 

11:20 am – 11:40 am	Developer Sync-up • Discussion of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family (20 min) - Shan Lu, ByteDance  • Blueprint vs. Blueprint Family
11:40 pm - 1:00 pm	Lunch break
1:00 pm – 3:00 pm	Developer Sync-up with upstream community Jim Xu/ Khemendra kumar 1. ONF CORD SEBA - Zack Williams  2. TIP OCG - Shah Rahman, Facebook



3. CNTT - Sukhdev Kapur, Juniper Networks



4. ONAP/K8s/OVN - Srini Addepalli, Intel

5. TARS - Mark Shan, Tencent

6. O-RAN BPs in Akraino - Paul Carver, AT&T



7. CNCF K8s, Kubevirt, Envoy, Istio, Linkerd, CNF, CNI, IoT Edge - Chris Aniszczyk, LF

8. KubeEdge - Yin Ding, Futurewei







3:00 pm – 3:30 pm	Open Discussion • Collaboration w/ other LF Projects ◦ Integration of FLEDGE and EVE, landing on Akraino blueprint IEC Type 6: IIoT for Integrated Edge Cloud (IEC) Blueprint Family, Aaron Williams <aaron@zededa.com> • Preparing for ONES
3:30 pm - 3:45 pm	Coffee break
3:45 pm - 5:30 pm	Open Discussion • Bring more participants & contributions to all Feature Projects • Documentation Sub-Committee • API sub-committee: request for Feedback (Jane Shen) During the meeting, I talked about the work items and here is a slide to summarize: (Feedback is highly appreciated!) 
5:30 pm - 5:45 pm	Meeting End - Shuttle Runs from Bldg-20 to Bldg-41