# 09/23~24/2020 Akraino Technical Meetings - Fall

**Summary**

› Agenda:- R4 planning, 2020 priorities for the community, labs, developer sync-up
› Dates: September 23 and 24th, 2020

> All the time mentioned here is PT, California time.

**Meeting Agenda Lead:** Tina Tsou, Akraino TSC Chair

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

**Meeting Recordings**

- **Day 1:** https://zoom.us/rec/share/v8iIi_QxcsGaszaWw1XxGJa5245SC-JPWUUaUz658LffHI_NUTOAxHk-F2jekp5O.MW8sRLDwF8p2eH6I
- **Day 2:** https://drive.google.com/drive/folders/19VIOZxThzJCEyHzwQuV44Cgn9XtdhrIN?usp=sharing

**Dates and Location:**

**23 Sep 2020 To 24 Sep 2020**

**Draft Agenda:**

**Wednesday, 23 Sep 2020**

**Meeting Location:** Zoom

**Meeting Recording - Day 1:** https://zoom.us/rec/share/v8iIi_QxcsGaszaWw1XxGJa5245SC-JPWUUaUz658LffHI_NUTOAxHk-F2jekp5O.MW8sRLDwF8p2eH6I

| Time | Topics |
|---|---|
| 7:00 am - 7:10 am | Welcome note – Kandan Kathirvel, TSC Chair 2019 - 2020<br>Tina Tsou, TSC Chair 2020 - 2021 |
| 7:10 am – 7:15 am | Logistics – Tina Tsou |
| 7:15 am - 7:45 am | New TSC Introduction<br>Technical Steering Committee (TSC) 2020-2021 |
| 7:45 am - 8:05 am | State of LF Edge - Arpit Joshipura, Linux Foundation |
| 8:05 am - 8:20 am | Akraino Community Accomplishments - Kandan Kathirvel, AT&T |
| 8:20 am – 12:30 PM<br><br>R3 Blueprint PTL Presentations to include R4 planning and backlog items<br><br>Maximum of 15 Minutes per BP | IEC Type 1 & 2 - Trevor Tao<br> |

5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting - Feng Yang - Tencent

Connected Vehicle – yarg yang , Tencent

**IEC Type 4 AR/VR – Bart Dong , Tencent**

Enterprise Applications on Lightweight 5G Telco Edge

Gaurav Agrawal

ICN - Kuralamudhan Ramakrishnan, Intel

Intel ICN BP

KNI Blueprint family
Provider Access Edge - Yolanda Robla Mota - Red Hat

Industrial Edge - Ricardo Noriega- Red Hat

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

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| | Public Cloud Edge Interface (PCEI) Blueprint Family - Oleg Berzin<br> <br> |
| | KubeEdge Edge Service Blueprint - Yin Ding<br> <br> |
| | IoT Workloads at the Smart Device Edge - Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) - Aaron Williams |
| | NC Tungsten Fabric – Sukhdev Kapur, Juniper Networks |
| 12:30 pm - 1:30 pm | Lunch break |

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| 1:30 pm – 2:00 pm | 2020 (2H) priorities for the community - Kandan Kathirvel, Tina Tsou, TSC<br> <br> |
| 2:00- 3: 30 pm | Sub-Committee Chair Plans<br>• CI, Blueprint Validation Lab sub-committee - Peter Pouliot (Ampere), Lincoln Lavoie (UNH, Lab Manager)<br>• API Sub-committee - Vikram Siwach, MobileEdgeX, Jane Shen<br>• Community Sub-committee – Tapio Tallgren, Nokia<br>• Documentation Sub-committee - Samir Chatterjee<br>• Process, Project review – Andrew Wilkinson, Ericsson Kandan Kathirvel Tina Tsou<br>• Security Sub-committee – Randy Stricklin, AT&T<br>• Upstream Sub-committee – Jim Xu, Zenlayer |
| 3:30 pm – 3:45 pm | Coffee break |
| 3:45 pm – 5:30 pm | R4 Planning - Randy Stricklin Jim Xu Jane Shen Samir Chatterjee<br><br>Self Certification of Incubation Projects<br><br>Use of Validation project for R4 projects review<br><br>Inactive projects - discussion to archive it |
| 5:30 pm - 5:45 pm | Meeting End |

**Thursday, 24 Sep 2020**

**Meeting Location:**

**Meeting Recording - Day 2:** https://drive.google.com/drive/folders/19VIOZxThzJCEyHzwQuV44Cgn9XtdhrIN?usp=sharing

| **Time** | **Topics** |
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| 7:00 am - 8: | The AI Edge - Hechun Zhang, Baidu<br><br>https://www.lfedge.org/2020/02/18/akraino-edge-stack-use-cases-baidus-end-user-story/ |

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| 30 am<br><br>15 minutes /End user stories | China Mobile's end user story<br><br>hanyu ding yihui wang Yanjun Chen<br><br> <br> |
| | Private LTE/5G ICN Blueprint<br><br>- Shah Rahman, Facebook, Prem Sankar G |
| | Tencent's end user stories - Mark Shan, Tencent, Guoxu Liu<br><br>https://www.lfedge.org/2020/03/02/akraino-edge-stack-use-cases-tencents-end-user-story/ |
| | OpenAirInterface End User Story - Running 5G on KNI Provider Access Edge Blueprint<br><br>Ricardo Noriega |
| | O-RAN Software Community Cherry Release - RAN Intelligent Controller (REC blueprint) Paul Carver Rittwik Jana |
| 8:30 am - 8:50 am | ETSI-MEC Ecosystem Alex Reznik<br><br> <br> |
| 8:50 am - 9:00 am | Blueprint Validation Feature Project - Tapio Tallgren, Thor Chin |

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| 9:00 am - 9:20 am | KPIs for Blueprints - Manik Sidana ,VoerEir AB<br> <br> |
| 9:20 am - 9:40 am | API White Paper Update - Vikram Siwach, MobileEdgeX, Jane Shen |
| 9:40 am - 10:00 am | LF Edge TAC Update - Jim St. Leger |
| 10:00 am - 10:20 am | Coffee Break |
| 10:20 am – 10:40 am | Developer Sync-up<br><br>LF infrastructure Q&A- Eric Ball |
| 10:40 - 11:00 am | Usecase Demos-<br><br>@khemendra kumar/ @Gaurav Agrawal<br><br>Enterprise Applications on Lightweight 5G Telco Edge<br><br>ELIOT IoT GW |

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| 11:00 am - 11:20 am | Azure IoT Edge Demo recording link: Oleg Berzin Cindy Xing<br>• https://zoom.us/rec/share/Vbm7BzT8hGScbba770Bfy8G8fvBfF9-LKI-drhWEII2ggOnpHTiblkpju-emczVI.zxzthsamLe5zGA6u?startTime=1600301187000<br> <br> |
| 11:20 am - 11:40 am | TSC member responsibilities - Tina & Oleg<br><br>Section 4.5 of Community documents outline the TSC responsibilities.<br><br>Draft Proposal:-<br><br>Elected TSC member's active participation within the community and in the TSC calls is critical for the success of the community. TSC member active participation on the TSC call is considered one of the prime duties of the TSC member. The TSC members on vacation or other office duties or inability to join TSC calls can request a proxy from their own company or another active contributor of Akraino to represent on the TSC calls and vote in behalf of them up to a maximum of five consecutive weeks by sending an email to Akraino-voting email list. TSC members do not return and resume their TSC duties after five consecutive weeks to be considered abandoned their TSC duties and considered that the TSC seat is vacant. TSC members who do not assign a proxy and do not show up more than four consecutive weeks to the TSC call are considered abandoned their TSC member position. The TSC Chair/Co-Chair can call for an interim election to reelect an alternative member on the above-said conditions for the vacant seat. |
| 11:40 am - 11:50 am | CNCF Cilium, Thomas Graf |
| 11:50 am - 12:00 pm | Kubenetes IoT Edge WG , Steve Wong |

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| 12:00 pm - 12:10 pm | CNCF Parsec, Marc Meunier<br>Parsec Overview_... - Sept 24th.pdf |
| 12:10 pm - 1:00 pm | Lunch break & Akraino Release 3 Celebration<br> <br> |

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| 1:00 pm – 3:00 pm | Developer Sync-up with upstream community Jim Xu/ swarup nayak<br><br>1. EdgeGallery – Gaurav Agrawal<br><br>2. TIP OCN - Tassos Michail, Facebook<br><br>3. CNTT - Sukhdev Kapur , Juniper Networks<br><br>4. ONAP4K8s, OVN4NFV & SD-EWAN feature projects for K8s platforms - Srinivasa Addepalli, Intel<br><br>5. KubeEdge - Yin Ding<br><br>KubeEdge-Akraino Technical Meetings - Fall 2020.pdf<br><br>6. OpenStack Edge Computing Ildiko Vancsa<br><br> |
| 3:00 pm – 3:30 pm | Open Discussion<br><br>• Collaboration w/ other LF Edge Projects<br>  ◦ State of the Edge- Matt Trifiro<br>  ▪ https://www.lfedge.org/projects/stateoftheedge/<br>• Preparing for ONES<br>  ◦ https://www.lfedge.org/event/open-networking-edge-summit-north-america-2/ |
| 3:30 pm - 3:45 pm | Coffee break |

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| 3:45 pm - 5:30 pm | Open Discussion<br>• Bring more participants & contributions to all Feature Projects<br>• Documentation Sub-Committee Samir Chatterjee<br>• ELIOT AIoT in Smart Office Blueprint, Guoxu Liu<br>• MEC-based Stable Topology Prediction for Vehicular Networks, Asif Mehmood<br> |
| 5:30 pm - 5:45 pm | Meeting End |