03/01/2021 - 03/03/2021 Akraino Technical Meetings - Spring

Summary

› Agenda:- R5 planning, 2021 priorities for the community, labs, developer sync-up
› Dates: March 1st to 3rd, 2021

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

> Register for the event at https://events.linuxfoundation.org/akraino-technical-meetings-spring/

> Speakers please upload the presentation before the meeting starts.

> Akraino PowerPoint/Google Slides Template

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/a-t4W7MZJjVP7_D3o505OkbPX7SQg9BHlPuMP2cJat5Z3dN-ZhqESojOTRYHV8Gm.RlueAB0KcgFBEikB?startTime=1614609817000 (Part 1)
- https://zoom.us/rec/share/a-t4W7MZJjVP7_D3o505OkbPX7SQg9BHlPuMP2cJat5Z3dN-ZhqESojOTRYHV8Gm.RlueAB0KcgFBEikB?startTime=1614641824000 (Part 2)
- **Day 2:** https://zoom.us/rec/share/uiBs_eUEkdKiEPMY-pkdCs1xytBvweEMjTMx64YfUEmHuumU07Hf8TWI2gyXTiJi.OWxZyKbSqOQFprpj?startTime=1614696618000
- **Day 3:** https://zoom.us/rec/share/wcxUiNydslG2o5lBeriDRKy6ZsdT68o5wSl7TNjgm4BXN9Yj2n9-yEYbTOB1cczO.rOXbXkj4JdcFWibk?startTime=1614782718000 (Part 1)
- https://zoom.us/rec/share/wcxUiNydslG2o5lBeriDRKy6ZsdT68o5wSl7TNjgm4BXN9Yj2n9-yEYbTOB1cczO.rOXbXkj4JdcFWibk?startTime=1614818032000 (Part 2)

Dates and Location:

01 Mar 2021 To 03 Mar 2021

Draft Agenda:

Monday, 01 Mar 2021

Meeting Location: Zoom (https://zoom.us/j/97031339119?pwd=U2FXM1RJU1BvRGFvOUt5dDZaTmp2Zz09 Passcode: 134822) - Register at https://events.linuxfoundation.org/akraino-technical-meetings-spring/

Meeting Recording - Day 1:

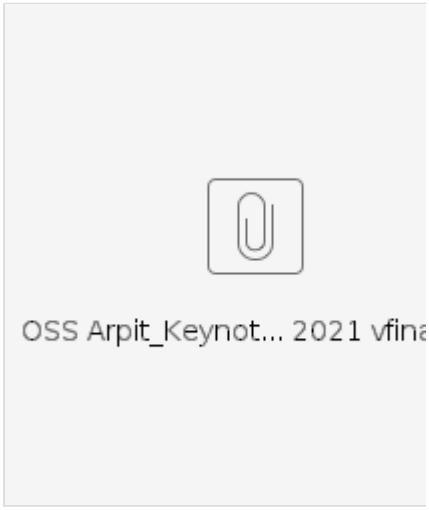
- https://zoom.us/rec/share/a-t4W7MZJjVP7_D3o505OkbPX7SQg9BHlPuMP2cJat5Z3dN-ZhqESojOTRYHV8Gm.RlueAB0KcgFBEikB?startTime=1614609817000 (Part 1)
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Time	Topics

Tuesday, 02 Mar 2021

Meeting Location: Zoom (https://zoom.us/j/97031339119?pwd=U2FXM1RJU1BvRGFvOUt5dDZaTmp2Zz09 Passcode: 134822)

Meeting Recording - Day 2: https://zoom.us/rec/share/uiBs_eUEkdKiEPMY-pkdCs1xytBvweEMjTMx64YfUEmHuumU07Hf8TWI2gyXTiJi.OWxZyKbSqOQFprpj?startTime=1614696618000

Time	Topics
7:15 am - 7:45 am	TSC Members Sharing Technical Steering Committee (TSC) 2020-2021
7:45 am - 8:05 am	Open Source Networking, Edge, and Access - A 
8:05 am - 8:20 am	Akraino Community Accomplishments - Tina Tsc 

7:00 am - 7:10 am	Welcome note – Tina Tsou , TSC Chair Oleg Berzin , TSC Co-Chair 
7:10 am – 7:15 am	Logistics – Tina Tsou
7:15 am - 7:45 am	Azure IoT Edge and AI Cindy Xing , Microsoft 

8:20 am – 12:30 PM R4 Blueprint PTL Presentations to include R5 planning and backlog items Maximum of 20 Minutes per BP	8:20 am - 8:40 am 5G MEC/Slice System to Support Cloud Gaming Yang , Tencent 

7:45 am - 8:15 am	AWS Wavelength and Outpost Matt Lehwess, AWS Slides:  https://streamoutputml.s3.amazonaws.com/matt_lehwess_outposts_v1.0.pdf?AWSAccessKeyId=AKIAIHIAXE2JJ37GNV3Q&Expires=1615186890&Signature=rGsk5WQuczXrGqUk8eHYVqssuU4%3D
8:15 am - 8:45 am	Google's Edge Strategy: Use Cases, Platform, Road Ahead Prajakta Joshi, Google
8:45 am – 9:05 am	Q&A for above sessions Cindy Xing Matt Lehwess Prajakta Joshi

8:40 am - 9:10 am

Edge computing research, standardization and r
Tencent



IEC Type 4 AR/VR – Bart Dong , Tenc



9:05 am - 9:15 am	Akraino Release 4 Celebration   

9:10 am - 9:30 am

Enterprise Applications on Lightweight 5G Telco

Gaurav Agrawal

Akraino Release... - EALTEdge

9:15 am – 9:45 am	Enter the Telco Edge Cloud  Diego Lopez, Telefonica
9:45 am – 10:15 am	**MEC Services Orchestration** **Mehmet Toy, Verizon** 
9:45 am – 10:00 am	Coffee Break
10:00 am – 10:30 am	O-RAN OSC Rittwik Jana, Felix Huang, AT&T

9:30 am - 9:50 am

ICN - Kuralamudhan Ramakrishnan , Intel



Intel ICN BP

ICN - Multi-tenant Secure Cloud Native Platform



Multi-Tenant Secure Cloud Native Platform

9:50 am - 10:10 am

KNI Blueprint family
Provider Access Edge - Yolanda Robla Mota - R

10:30 am - 12:00 pm	Presentation title: oneM2M - IoT Service Layer. Standard, Features, Roadmap. oneM2M IoT SL (Service Layer) Platform with SAREF (Smart Applications REFerence) Ontology with 15 Common Functions across 10 UCs and integrated with 3GPP 5G SCEF/NEF and ETSI MEC (and Cloud vendor independant) @Roland Hechwartner, Head of Application Fora - International Standardization at Deutsche Telecom and ETSI oneM2M Technical Plenary Chair, @Laurent Velez, Technical Expert at ETSI oneM2M @Bob Flynn, Vice Chair TDE WG, @Scarrone Enrico, Chair oneM2M Steering Committee, @Kenichi Yamamoto, KDDI Corporation @JaeSeung Song, Vice Chair Technical Plenary; @Dale Seed, Vice Chair Technical Plenary (to be confirmed), Ike Alisson Akraino Documentation Sub-committee TSC Chair 
12:00 - 02:30pm	Lunch

10:10 am - 10:30 am

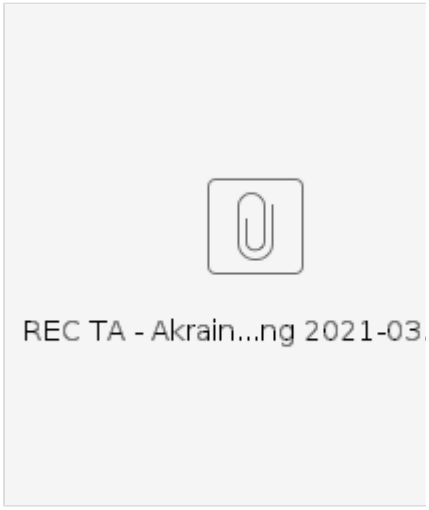
ELIOT IoT GW / uCPE – Khemendra Kumar, Hu

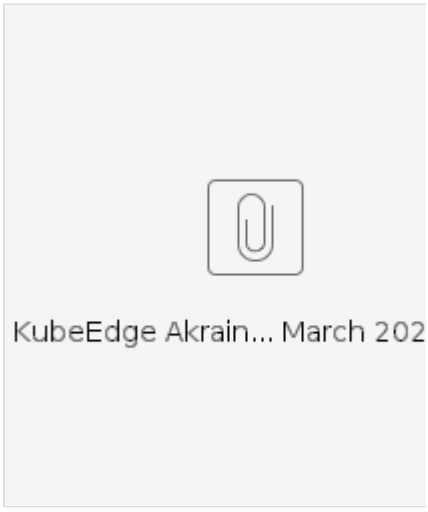


Coffee Break

10:40 am - 11:00 am

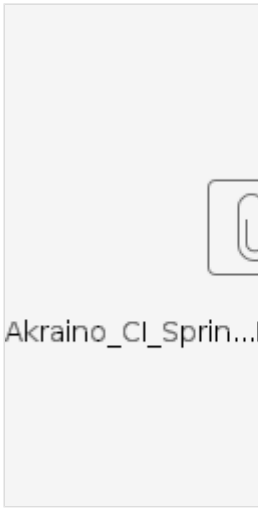
Radio Edge Cloud – Paul Carver

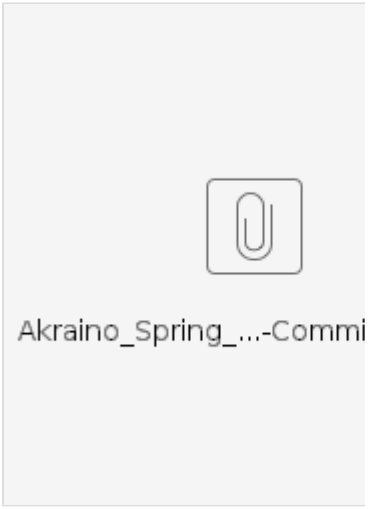


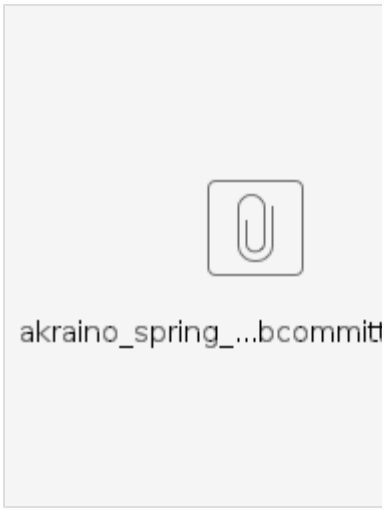
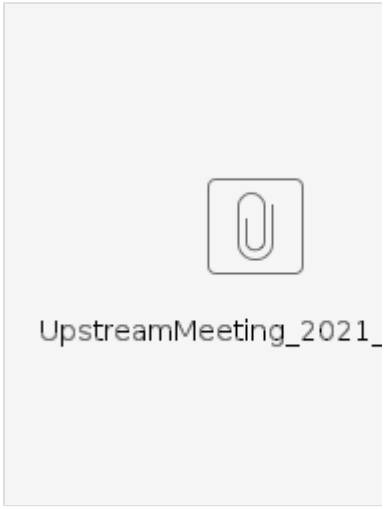
2:30 - 3:00	**SASE for Akraino** Chris Donley, Salesforce 	11:00 am - 11:20 am Public Cloud Edge Interface (PCEI) Blueprint Fa 
3:00-3:30 pm	China Mobile OpenSigma and Edge Computing Practice Yanjun Chen, China Mobile 	11:20 am - 11:40 am KubeEdge Edge Service Blueprint - Yin Ding 

3:30 pm – 4:00 pm	China Unicom 5G MEC Commercial Practice in industry for Digital Transformation Dan Chen, Senior MEC Director, China Unicom 
4:00 pm – 4:30 pm	5G Edge Computing Exploration and Practice from Tencent Wei Chen, Tencent 
4:30 pm - 5:00 pm	OpenYurt - Build cloud native infrastructure for edge computing Jie Zhang, Alibaba
5:00 pm	Meeting End

	11:40 am - 12:00 pm IoT Workloads at the Smart Device Edge - Predi vibration sensors, etc.) -  Vladimir Suvorov
	12:00 pm - 12:20 pm NC Tungsten Fabric – Sukhdev Kapur 
12:30 pm - 1:30 pm	Lunch Break

1:30 pm – 2:00 pm	2021 (1H) priorities for the community - Tina Tsc 
2:00- 3:30 pm	Sub-Committee Chair Plans • CI, Blueprint Validation Lab sub-committee  Lab Manager) • API Sub-committee - Jeff Brower Jane She  • Community Sub-committee – Doug Eng


Akraino_Spring_...-Commi

	• Documentation Sub-committee - Ike Alissor • Process, Project review – Biswajit De  • Security Sub-committee – Randy Stricklin D  • Upstream Sub-committee – Jim Xu swarup 
3:30 pm – 3:45 pm	Coffee break

3:45 pm - 4:05 pm	Software Defined Camera  Parag Beeraka
4:05 pm – 5:30 pm	R5 Planning - Randy Stricklin Jim Xu Jane Shen Self Certification of Incubation Projects Release 5 Planning Use of Validation project for R5 projects review Inactive projects - discussion to archive it
5:30 pm - 5:45 pm	Meeting End

Wednesday, 03 Mar 2021

Meeting Location: Zoom (https://zoom.us/j/97031339119?pwd=U2FXM1RJU1BvRGFvOUt5dDZaTmp2Zz09 Passcode: 134822)

Meeting Recording - Day 3:

- https://zoom.us/rec/share/wcxUiNydslG2o5lBeriDRKy6ZsdT68o5wSl7TNjgm4BXN9Yj2n9-yEYbTOB1cczO.rOXbXkj4JdcFWibk?startTime=1614782718000 (Part 1)
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Time	Topics
7:00 am - 8:30 am 18 minutes /End user stories	The AI Edge - zifan wu, WeBank  WeBank's end user stories

	China Mobile's end user story hanyu ding yihui wang Yanjun Chen
	Tencent's end user stories - Bart Dong , Tencent, 
	Private LTE/5G ICN Blueprint  - Shah Rahman, Facebook, Prem Sankar G Manoj Mourya
	AT&T trials using the REC blueprint Kaustubh Joshi, AT&T
8:30 am - 8:50 am	ETSI-MEC Ecosystem I will be using a subset of our public overview deck: https://www.etsi.org/images/files/technologies/ETSI-MEC-Public-Overview.pdf Alex Reznik

8:50 am - 9:20 am	Blueprint Validation Feature Project - Thor Chin Hao Xu Randy Stricklin Paul Carver 
9:20 am - 9:40 am	API Map Update - 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 LF infrastructure Q&A- Eric Ball -confirmed 2 Feb 
10:40-11:00 am	Use case Demos - 1. EALTEdge ROBO use case - 10 mins
11:00 am - 11:20 am	RuralEdge Surojit Banerjee , Amazon; Biswajit De 

11:20 am - 11:40 am	Futurewei Deepak Vij (PCEI KubeEdge-MEC BP Proposal) 
11:40 am - 12:00 pm	CNCF Parsec, Marc Meunier 
12:00 pm - 12:20 pm	Kubenetes IoT Edge WG , Steve Wong 

12:20pm-12:35pm	OpenStack Edge Computing Ildiko Vancsa 
12:35 pm - 1:00 pm	Lunch break
1:00 pm – 3:00 pm	Developer Sync-up with upstream community Jim Xu swarup nayak 1:00pm - 1:20pm EdgeGallery – Gaurav Agrawal  1:20pm-1:50pm Calico - Tigera



1:50pm - 2:20pm Anuket (previous CNTT) - Sukhdev Kapur , Juniper Networks



2:20pm-2:40pm EMCO, OVN4NFV & SD-EWAN feature projects for K8s platforms - Srinivasa Addepalli, Intel



2:40pm-3pm CNCF, Cheryl, Katie and Bill

	https://drive.google.com/file/d/1ZhpFEhIOP9taWaLfCOpbOKD_nKYutAwC/view?usp=sharing

3:00 pm – 3:30 pm	Open Discussion
	• Collaboration w/ other LF Edge Projects
	  ◦ Baetyl - LeDing Li, Baidu
	  ▪ https://www.lfedge.org/projects/baetyl/
	

3:30 pm - 3:45 pm	Coffee break

3:45 pm - 5:30 pm	Open Discussion • Bring more participants & contributions to all Feature Project • Project Cassini - IoT and Infrastructure Edge Blueprint Family Olivier Bernard Sushant Kumar • MEC-based Stable Topology Prediction for Vehicular Networks, Asif Mehmood  • The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS) Zhuming Zhang  • • Kandan's Proposal from last year Re: TSC members attendance- Aaron
5:30 pm - 5:45 pm	Meeting End