

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_D3o505OkbPX7SQg9BHIPuMP2cJat5Z3dN-ZhqESojOTRYHV8Gm.RlueAB0KcgFBEikB?startTime=1614609817000 (Part 1)
- https://zoom.us/rec/share/a-t4W7MZJjVP7_D3o505OkbPX7SQg9BHIPuMP2cJat5Z3dN-ZhqESojOTRYHV8Gm.RlueAB0KcgFBEikB?startTime=1614641824000 (Part 2)
- **Day 2:** https://zoom.us/rec/share/uiBs_eUEkdKiEPMy-pkdCs1xytBvweEMjTMx64YfUEmHuumU07Hf8TWI2gyXTiJi.OwXzYkKbSqOQFprpj?startTime=1614696618000
- **Day 3:** <https://zoom.us/rec/share/wcxUiNydsIG2o5lBerIDRky6ZsdT68o5wSI7TNjgm4BXN9Yj2n9-yEYbTOB1cczO.rOXbXKj4JdcFWibk?startTime=1614782718000> (Part 1)
- <https://zoom.us/rec/share/wcxUiNydsIG2o5lBerIDRky6ZsdT68o5wSI7TNjgm4BXN9Yj2n9-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=U2FXM1RlU1BvRGFvOUt5dDZaTmp2Zz09Passcode:134822>) - Register at <https://events.linuxfoundation.org/akraino-technical-meetings-spring/>

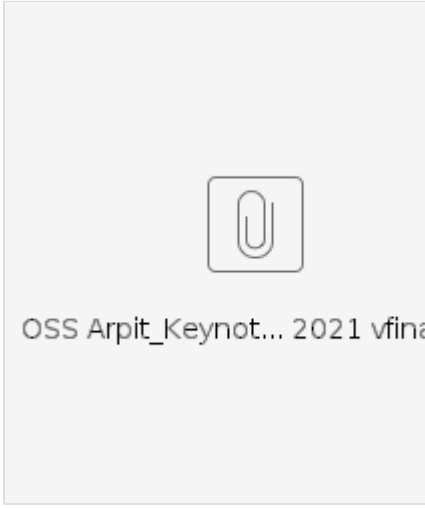
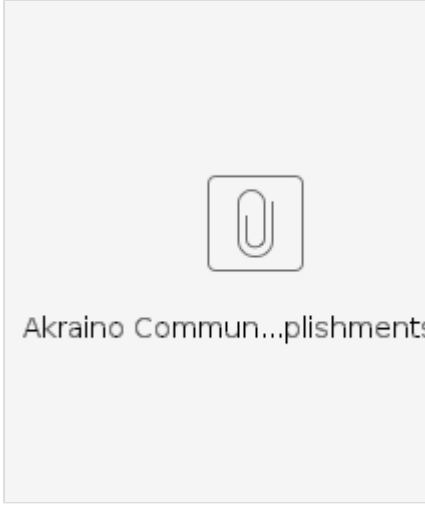
Meeting Recording - Day 1:

- https://zoom.us/rec/share/a-t4W7MZJjVP7_D3o505OkbPX7SQg9BHIPuMP2cJat5Z3dN-ZhqESojOTRYHV8Gm.RlueAB0KcgFBEikB?startTime=1614609817000 (Part 1)
- https://zoom.us/rec/share/a-t4W7MZJjVP7_D3o505OkbPX7SQg9BHIPuMP2cJat5Z3dN-ZhqESojOTRYHV8Gm.RlueAB0KcgFBEikB?startTime=1614641824000 (Part 2)

Tuesday, 02 Mar 2021

Meeting Location: Zoom (<https://zoom.us/j/97031339119?pwd=U2FXM1RlU1BvRGFvOUt5dDZaTmp2Zz09Passcode:134822>)

Meeting Recording - Day 2: https://zoom.us/rec/share/uiBs_eUEkdKiEPMy-pkdCs1xytBvweEMjTMx64YfUEmHuumU07Hf8TWI2gyXTiJi.OwXzYkKbSqOQFprpj?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 Tsou 

Time	Topics
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7:00 am - 7:10 am	Welcome note – Tina Tsou , TSC Chair Oleg Berzin , TSC Co-Chair  Welcome Notes.pdf	8:20 am – 12:30 PM	8:20 am - 8:40 am R4 Blueprint PTL Presentations to include R5 planning and backlog items Maximum of 20 Minutes per BP 5G MEC/Slice System to Support Cloud Gaming Yang , Tencent  5G MEC Slice Sy...ng_Mar 202
7:10 am – 7:15 am	Logistics – Tina Tsou		
7:15 am - 7:45 am	Azure IoT Edge and AI Cindy Xing , Microsoft  Azure Edge, IOT and AI.pdf		

7:45 am - 8:15 am	AWS Wavelength and Outpost Matt Lehwess, AWS Slides:  matt_lehwess_outposts_v1.0.pdf 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  Akraino CVB EC_...cent 20210 IEC Type 4 AR/VR – Bart Dong , Tenc  Akraino AR VR - T...s Spring.pp
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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  202103-TelcoEd...noSpringTM.pdf Diego Lopez , Telefonica
9:45 am – 10:15 am	MEC Services Orchestration Mehmet Toy , Verizon  mec-services-or...-2-28-2021.pptx
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.pdf Intel ICN BP ICN - Multi-tenant Secure Cloud Native Platform  Multitenant_Secu...ive_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  20210301_oneM...o_TSC_v02.pdf
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  SASE for Akraino.pdf
3:00 - 3:30 pm	China Mobile OpenSigma and Edge Computing Practice Yanjun Chen , China Mobile  Akraino Spring E...China Mobile.pdf

11:00 am - 11:20 am	Public Cloud Edge Interface (PCEI) Blueprint Fa  PCEI Release 4 Update.ppt
11:20 am - 11:40 am	KubeEdge Edge Service Blueprint - Yin Ding  KubeEdge Akrain... March 202

3:30 pm – 4:00 pm	China Unicom 5G MEC Commercial Practice in industry for Digital Transformation Dan Chen, Senior MEC Director, China Unicom  Akraino Summit-... - 20210222.pdf
4:00 pm – 4:30 pm	5G Edge Computing Exploration and Practice from Tencent Wei Chen, Tencent  5G Edge Computi...t v1 - open.pdf
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 - Predicting vibration sensors, etc.) -  Fledge_EVE_IR_BP.pdf Vladimir Suvorov
12:00 pm - 12:20 pm	NC Tungsten Fabric – Sukhdev Kapur  Akraino-NC-TF-BP-TSC.pdf
12:30 pm - 1:30 pm	Lunch Break

1:30 pm – 2:00 pm

2021 (1H) priorities for the community - [Tina Tsc](#)



2021 (1H) priorit...unity-OB1 (3

2:00- 3:30 pm

Sub-Committee Chair Plans

- [CI, Blueprint Validation Lab](#) sub-committee



Akraino_CI_Sprin...

Lab Manager)

- API Sub-committee - [Jeff Brower](#) [Jane She](#)



API_Subcommitt...2F_Mar2

- Community Sub-committee – [Doug Eng](#)



Akraino_Spring_...-Commi

	• Documentation Sub-committee - Ike Alissor • Process, Project review – Biswajit De  Maturity review ...-01-21-vf • • Security Sub-committee – Randy Stricklin  akraino_spring_...bcommit • Upstream Sub-committee – Jim Xu swarup  UpstreamMeeting_2021_
3:30 pm – 3:45 pm	Coffee break

3:45 pm - 4:05 pm	Software Defined Camera  Software...2021.pdf 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=U2FXM1RlU1BvRGFvOUt5dDZaTmp2Zz09](https://zoom.us/j/97031339119?pwd=U2FXM1RlU1BvRGFvOUt5dDZaTmp2Zz09Passcode:134822)
Passcode: 134822)

Meeting Recording - Day 3:

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- <https://zoom.us/rec/share/wcxUiNydsIG2o5lBeriDRKy6ZsdT68o5wSl7TNjgm4BXN9Yj2n9-yEYbTOB1cczO.rOXbXkj4JdcFWibk?startTime=1614818032000> (Part 2)

Time	Topics
7:00 am - 8:30 am 18 minutes /End user stories	The AI Edge - zifan wu , WeBank  The AI Edge Fed...n at edge2.pptx 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,



Tencent's End User Stories.pdf

Private LTE/5G ICN Blueprint



Akraino Spring T...March 2021-2.pdf

- 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](#)



akraino_spring_2...urity_ideas.pptx

9:20
am -
9:40
am

API Map Update - [Jane Shen](#)



API_Subcommitt...r2021_Day3.pdf

9:40
am -
10:
00
am

LF Edge TAC Update - [Jim St. Leger](#)



2021 March 03 -...o Tech vFTF.pdf

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  LF_infra_qanda.pptx
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  RuralEdge-LFEdge-20210303.pdf

11:20 am - 11:40 am

Futurewei

Deepak Vij (PCEI KubeEdge-MEC BP Proposal)



PCEI MEC Propos...resentation.pdf

11:40 am - 12:00 pm

CNCF Parsec, [Marc Meunier](#)



Parsec Overview March 2021.pdf

12:00 pm - 12:20 pm

[Kubernetes IoT Edge WG](#) , Steve Wong



Akraino Tech Me...rking Group.pdf

12:20pm-12:35pm	OpenStack Edge Computing Ildiko Vancsa  OpenInfra_Proje..._March_2021.pdf
12:35pm - 1:00pm	Lunch break
1:00pm – 3:00pm	Developer Sync-up with upstream community Jim Xu swarup nayak 1:00pm - 1:20pm EdgeGallery – Gaurav Agrawal  EdgeGallery Introduction.pdf 1:20pm-1:50pm Calico - Tigera



Project Calico - ...raino Meeting.pdf

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



CNTT_NFV-Akraino-TSC.pdf

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



03.03.2021 Upd...NFV SDEWAN.pdf

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

	https://drive.google.com/file/d/1ZhpFEhlOP9taWaLfCOpbOKD_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/  Baetyl in 2021.pptx
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



Blueprint-presentation v10-a.pdf

- [The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System\(I-VICS\)](#) Zhuming Zhang



The+AI+Edge+In...em(I-VICS).pdf

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- Kandan's Proposal from last year Re: TSC members attendance- Aaron

5:30
pm -
5:45
pm

Meeting End