

A network diagram background consisting of numerous yellow circular nodes connected by thin blue lines, set against a dark blue gradient background.

LF Edge TAC Technical Advisory Council

2 June 2021

 THE **LINUX** FOUNDATION

 **LF** EDGE

Meeting Details

- › June 2, 2021 (@ 7:00am PDT)
- › Meeting Info:
 - › Meeting URL: <https://zoom.us/j/94796108342?pwd=VjlaMTBxcXFOQ3pVcU85NTJvWkxaZz09>
 - › Calendar Subscription: <https://lists.lfedge.org/g/TAC/calendar>

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LF Edge TAC

Project/Member	Representative	Named Alternate	Project/Member	Representative	Named Alternate
Altran	Shamik Mishra	Nilanjan Samajdar	HP Inc.	Henry Lau	
Arm	Reed Hinkel	Tina Tsou	Huawei	JianGuo Zeng	Gabriel Yuyang
AT&T	Kaustubh Joshi (KJ)		IBM	Joseph Pearson	Ryan Anderson
Baidu	Leding Li		Intel	Jim St. Leger (TAC Chair)	Sharad Mishra
Charter	Jeffrey Saelens	Mohammad Zebetian	Nokia	Tapio Tallgren	
Dell	David Lake	Trevor Conn	NTT	Takeshi Kuwahara	
Dianomic	Mark Riddoch	Tom Arthur	OSIsoft	Daniel Lazaro	
Equinix	Justin Dustzadeh		Radisys	Adnan Saleem	Prakash Siva
Ericsson	Torbjörn Keisu	Andrew Wilkinson	Red Hat	Anil Vishnoi	Thomas Nadeau
Fujitsu	Toshimichi Fukuda	Hatsumi Iino	Samsung	MyeongGi Jeong	Chi-Hyun Cho
Futurewei	Chaker Al-Hakim	Deepak Vij	Tencent	Yachen Wang	Wei Chen

LF Edge TAC

Project/Member	Representative	Named Alternate	Project/Member	Representative	Named Alternate
Western Digital	Jorge Campello De Souza		Akraino	Tina Tsou	Oleg Berzin
Wipro	Subhas Mondal		EdgeX Foundry	Henry Lau	
ZEDEDA	Erik Nordmark	Roman Shaposhnik			

Topics

1. TAC Chair Coverage / Vice-Chair Role
2. API Mapping
3. LF Edge Staffing Update
4. Upcoming Events / Next Meeting

TAC Chair Coverage / Vice-Chair Role

Jim St. Leger

TAC Chair Coverage and/or Vice-Chair role

- › Jim out on sabbatical June - July.
- › Looking for help to cover the TAC chair role and activities during this time

- › Board has approved the TAC Vice-Chair role
- › Alternatively, can assign a back-up to provide covered through June and July

- › High Level TAC Chair Functions:
 - › Enable and ensure a smooth running TAC
 - › Meeting planning, prep, execution working closely with LF PM
 - › Additional Details: <https://wiki.lfedge.org/pages/viewpage.action?pageId=1671298>

- › Volunteers?

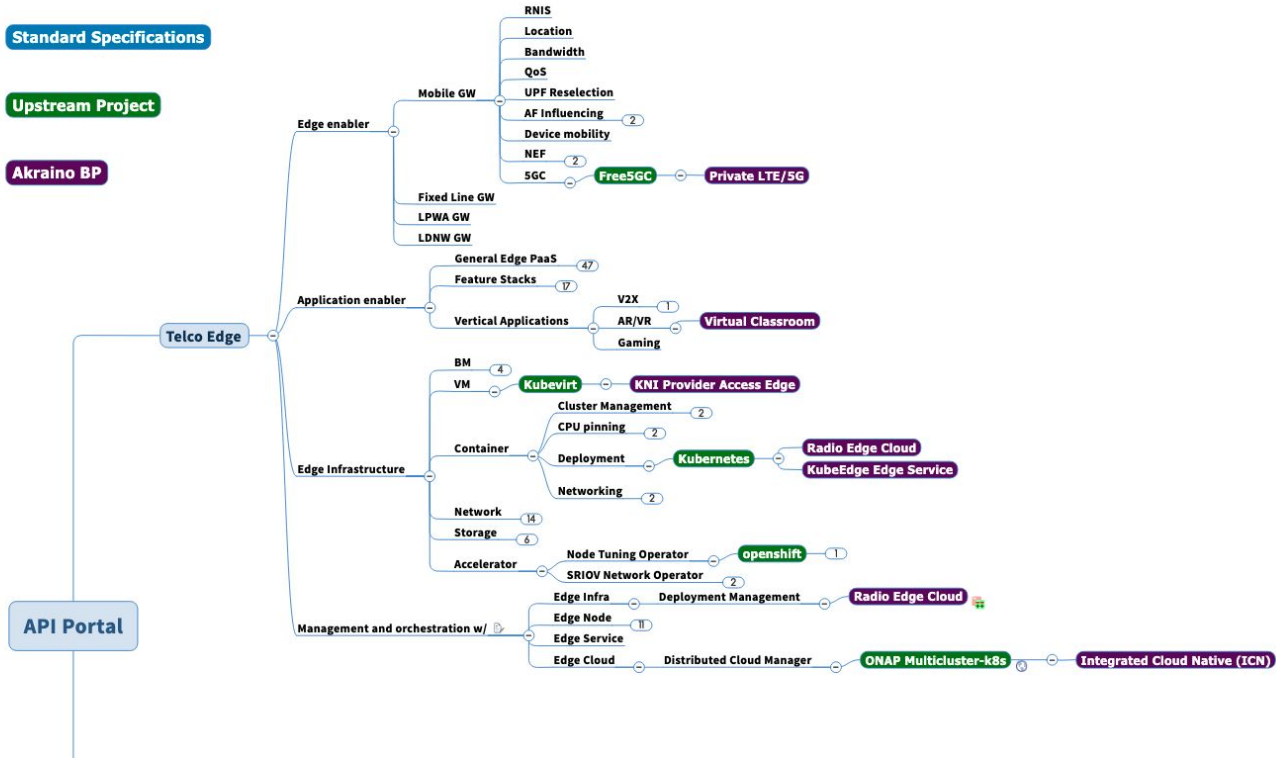
API Mapping

Jeff Brower

API Mapping

- › API Mapping
 - › [MindManager](https://apiportal.akraino.org/apimap.html) procured/in use by Akraino: <https://apiportal.akraino.org/apimap.html>
 - › Opportunity for usage in other LF Edge Projects (5 licenses secured)
 - › Potential for an umbrella level API Mapping?
- › ...

Akraino: API Mapping



LF Edge Staffing Update

Brett Preston

LF Edge Staffing Update

- › Brett Preston transitioning off of LF Edge
 - › Targeted to complete by end of June
 - › Still at LF, so accessible by LF team
- › Program Coordinator + Program Manager being onboarded
 - › Formal introductions in June 16 TAC meeting
- › Project Technical Support (including TSC Elections and Awards)
 - › Already largely serviced by Aaron Williams (will continue)
- › Project Marketing Support
 - › Primary POC remains Jill Lovato (to include Project Webinars, Events)
- › Board / Board SPC
 - › Arpit Joshipura will serve as primary POC for support, while new staff is ramped up
- › Memberships
 - › Mike Woster will continue to own / drive
- › Tooling/Operational (e.g. Groups.io/Confluence/Zoom/Slack)
 - › Dual-coverage to include both Aaron and new PM/PC

Upcoming Events

Upcoming External Events

- › [The Global Open Source Technology Conference \(GOTC\)](#): 9-10 July, 2021 - Shenzhen/Shanghai
 - › [OSPOCon](#): 27-29 September, 2021 - Seattle, WA (and Virtual)
 - › [CFP](#) Deadline: 13 June, 2021
 - › [Open Source Summit](#) / [Embedded Linux Conference](#): 27-30 September, 2021 - Seattle, WA (and Virtual)
 - › [CFP](#) Deadline: 13 June, 2021
 - › [IoT Solutions World Congress](#): 5-7 October, 2021 - Barcelona, Spain
 - › [CFP](#) closed (notifications in June)
 - › [Call for Testbeds](#) closed (notifications in July)
 - › [Open Networking & Edge Summit North America](#): 11-12 October, 2021 - Los Angeles, CA + Virtual
 - › [CFP](#) Deadline: 20 June 2021
 - › Interest in having some type of community gathering event? At a point to make a call yet?
 - › [KubeCon + CloudNativeCon North America](#): 12-15 October, 2021 - Los Angeles, CA + Virtual
 - › [CFP](#) is open (closes 23 May)
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- › Discussions around upcoming events occur in the LF Edge Outreach Committee
 - › Members may subscribe at: <https://lists.lfedge.org/g/outreach-committee>

LF Live: Mentorship Series + LFX Webinar Series

- › [Tracefs: The Building Blocks of Linux Kernel Tracing by Ftrace](#): 4 June, 2021
 - › [A Tour of cgroup2 Resource Control with resctl-demo](#): 9 June, 2021
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- › Join the LF Live: Mentorship Series mailing list and be alerted when new sessions are added!
 - › Sign up available at the bottom of <https://events.linuxfoundation.org/lf-live-mentorship-series/>
 - › Full list of LF Webinars (upcoming/recorded) available at <https://linuxfoundation.org/webinars/>

Next Meeting

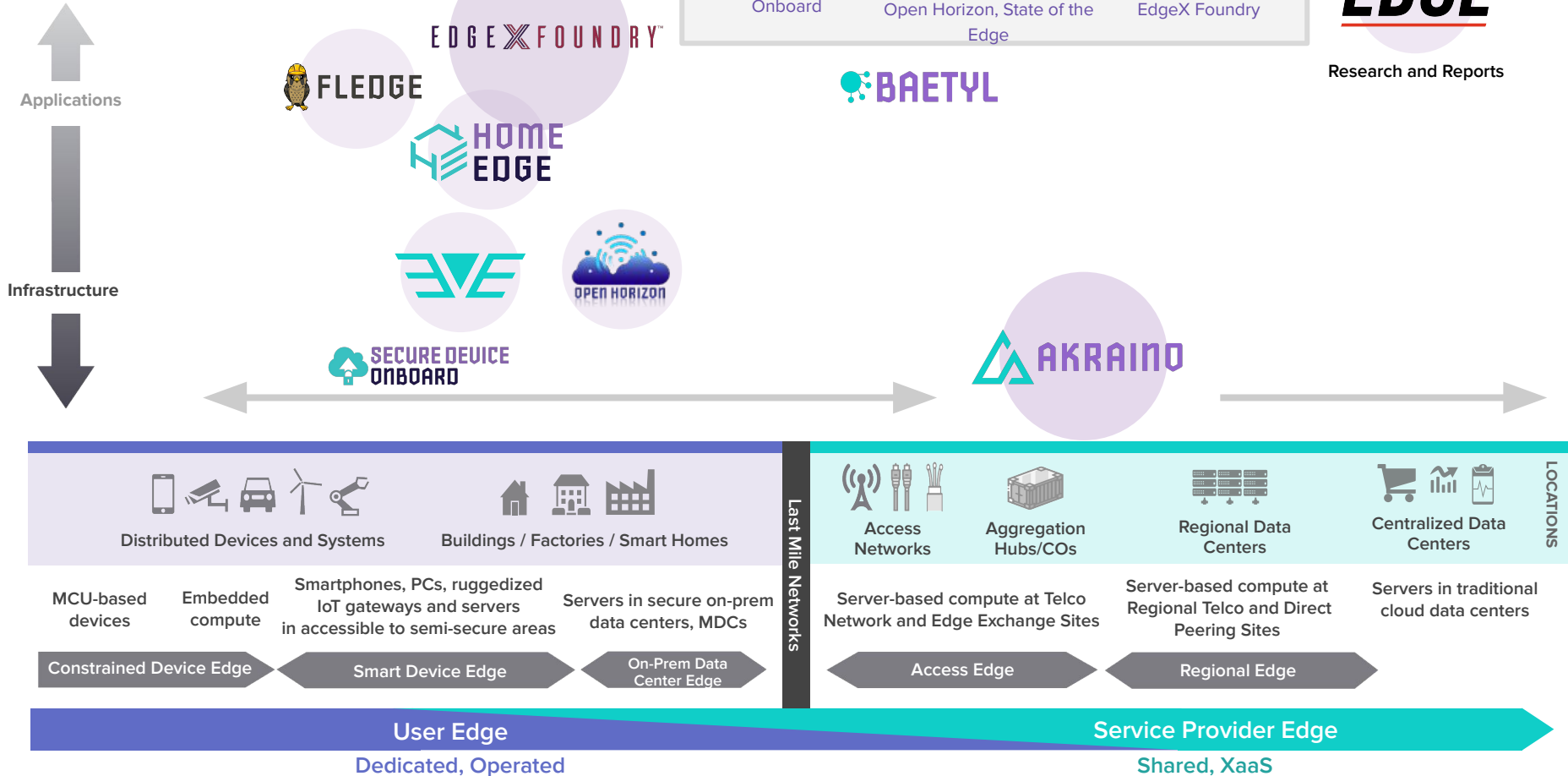
Next Meeting

- › Next Meeting: Wednesday, June 16 @ 7am PT
 - › Topics
 - › TBA
 - › Future Topics
 - › EdgeX Ireland Release (June 30 +)
 - › EdgeX Ready
 - › Open Retail Reference Architecture (June+)

Thank You

Backup/Resources

LF Edge Projects



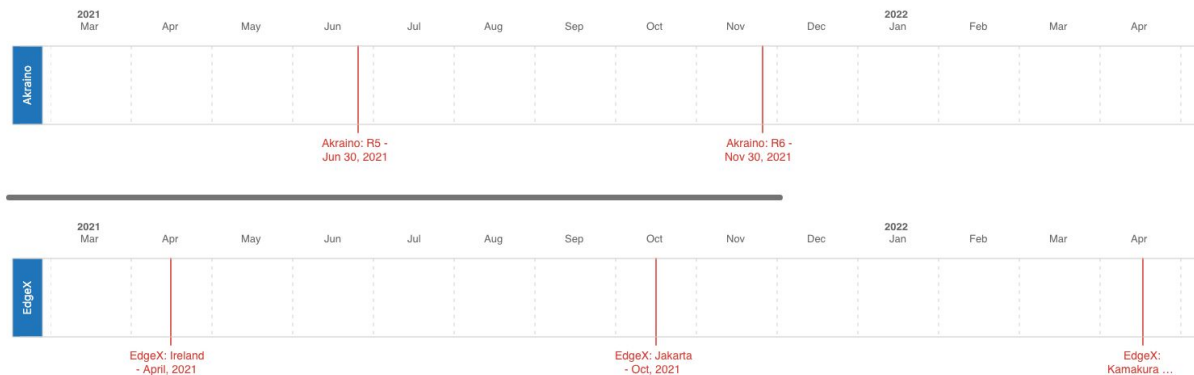
Upcoming Release Calendar

- › Reminder to Projects to please review and update as needed
- › <https://wiki.lfedge.org/display/LE/Upcoming+Release+Calendar>

Release dates are subject to change.

For the latest information on each Project's upcoming releases, or access to prior releases, please visit:

- Akraino - <https://wiki.akraino.org/display/AK/Releases>
- Baetyl - <https://github.com/baetyl/baetyl/releases>
- EdgeX Foundry - <https://wiki.edgexfoundry.org/display/FA/Releases> / <https://wiki.edgexfoundry.org/display/FA/Roadmap>
- EVE - <https://github.com/ff-edge/eve/releases> > waterfall release model
- Fledge - <https://github.com/ff-edge/ff-edge/releases>
- Home Edge - <https://wiki.lfedge.org/display/HOME/Roadmap+and+Release+Notes>
- Open Horizon - <https://github.com/open-horizon/anax/releases>
- Secure Device Onboard - <https://github.com/secure-device-onboard/release/releases>
- State of the Edge - <https://github.com/ff-edge/glossary/blob/master/edge-glossary.md>



CII Best Practices Badge

- › Identifies a set of best practices for OSS projects, focusing on security
- › Provides a mechanism for projects to self-certify that they meet these criteria
 - › Automation helps & prevents some false answers
- › Full presentation here:
 - › <https://github.com/coreinfrastructure/best-practices-badge/blob/master/doc/cii-bp-badge-intro.pptx>
- › Website where projects can receive a badge here:
 - › <https://bestpractices.coreinfrastructure.org>
- › EdgeX Foundry, Home Edge and Open Horizon badging already in progress!
 - › <https://bestpractices.coreinfrastructure.org/en/projects/1226>
 - › <https://bestpractices.coreinfrastructure.org/en/projects/4336>
 - › <https://bestpractices.coreinfrastructure.org/en/projects/4300>
- › LF Edge Wiki tracks badge progress here: <https://wiki.lfedge.org/>
- › Proposal: All LF Edge projects be encouraged to get a CII Best Practices badge

TAC - Focus Areas for 2020 (what to emphasize / de-emphasize in 2021?)

Target areas identified for the TAC to direct focus, beyond PLD/Project Review

- 1. Architecture (Tech > LF Edge) - Output: TBD (White paper?)**
2. APIs Document, Align and Publish
3. SDO/Consortiums expansion
- 4. Forcing function - Use Case or Deployment > Demo across all projects**
5. Technical overlap/unification
6. Cross Project Collaboration
7. IT Efficiencies

Out of Scope for the TAC (for now)

1. Vertical Solutions (End User / SIG Program)
 - a. At Board/SPC level

LF Edge TAC - Focus Areas for 2021: Continued Discussion

- › One idea raised was for deeper (technical) solution briefs around Use Cases and Deployments
 - › Would require commitment (volunteers) from the TAC, Projects, as well as the SPC
- › (from prior discussion) White Papers
 - › LF Edge level or Project level?
 - › General (2020 introduced taxonomy/Projects) or Specific? (e.g. Security, Telemetry)
 - › Who would be the audience?
 - › Post publishing, vehicle for feedback? Success metrics?
- › Other initiatives?
 - › Open Edge Services Catalog - creation and cross-project support
 - › Common way to document APIs for all the projects

LF Edge Webinar Series - 2020 Recordings

- › Akraino Edge Stack
 - › Held Thursday, April 2 - [Your Path to Edge Computing with Akraino Edge Stack](#)
 - › On-demand recording available at: https://zoom.us/webinar/register/WN_Zjdo4-5fTOSlqH7pL8iHrO
- › EdgeX Foundry
 - › Held Thursday, April 23 - [EdgeX Foundry 101: Intro, Roadmap and Use Cases](#)
 - › On-demand recording available at: https://zoom.us/webinar/register/4515850788014/WN_xCd6YPjEOrcwLiFhBWPkug
- › Project EVE
 - › Held Friday, May 29 - [Building the “Android of the IoT Edge”](#)
 - › On-demand recording available at: https://zoom.us/webinar/register/6415888722675/WN_35oZl3hrOE69snMailUTPg
- › White Paper
 - › Held Thursday, July 9 - [Demystifying the Edge with the new LF Edge Taxonomy and Framework](#)
 - › On-demand recording available at: https://zoom.us/webinar/register/WN_icv5h6wFTcuw9O0xvMpgLw
- › Fledge
 - › Held Thursday, August 13 - [How Google, OSIssoft, FLIR and Dianomic use Fledge to implement Industrial 4.0](#)
 - › Recording available at: <https://www.youtube.com/watch?v=6lXNv3AIWog>
- › State of the Edge
 - › Held Thursday, September 17 - [State of the Edge: Exploring the Intersection of IoT, AI, 5G and Edge Computing](#)
 - › On-demand recording available at: https://zoom.us/webinar/register/8115959695936/WN_4rt-MmP1RI6Vkn3ULpiAA
- › Home Edge
 - › Held Thursday, October 15 - [Home Edge: How Your Home Devices Get Deployed in An Edge Computing Services Ecosystem](#)
 - › On-demand recording available at: https://zoom.us/webinar/register/WN_uSlgb-R5O4etkDhxoSXISO
- › Open Horizon
 - › Held Thursday, November 19 - [Secure Application Management for Machine Learning & Constrained Devices](#)
 - › On-demand recording available at: https://zoom.us/webinar/register/WN_tYli1lZ1RWq1pml8FuPRPw

- › More to follow...

Linux Foundation edX and Training Courses

- › Business Considerations for Edge Computing:
<https://www.edx.org/course/business-considerations-for-edge-computing>
- › Getting Started with EdgeX Foundry (LFD213):
<https://training.linuxfoundation.org/training/getting-started-with-edgex-foundry-lfd213/>
- › Full list of courses available at <https://training.linuxfoundation.org/>

Upcoming Project Events

- › EdgeX Foundry [Adopter Series](#) - Canonical EdgeX Snaps: 22 June, 2021
 - › Registration: https://zoom.us/webinar/register/WN_2BvbgjYNOZCKhx_U2F23Zg

- › Projects can add their events to this list by sending the Wiki page listing the information to info@lfedge.org

Pushed to Next Meeting