Meeting Details

› June 2, 2021 (@ 7:00am PDT)
› Meeting Info:
  › Meeting URL: https://zoom.us/j/94796108342?pwd=VjlaMTBxcXFQQ3pVcU85NTjvWkxaZz09
  › Calendar Subscription: https://lists.lfedge.org/g/TAC/calendar
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<td>Jim St. Leger (TAC Chair)</td>
<td>Sharad Mishra</td>
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<td>Charter</td>
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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 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?
› ...

THE LINUX FOUNDATION
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
- 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
  › CFP Deadline: 13 June, 2021

› **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)

Discussions around upcoming events occur in the LF Edge Outreach Committee
Members may subscribe at: [https://lists.lfedge.org/g/outreach-committee](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

› 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
Upcoming Release Calendar

› Reminder to Projects to please review and update as needed
› [https://wiki.lfedge.org/display/LE/Upcoming+Release+Calendar](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/AKR/Releases](https://wiki.akraino.org/display/AKR/Releases)
- Baetyl - [https://github.com/baetyl/baetyl/releases](https://github.com/baetyl/baetyl/releases)
- EdgeX Foundry - [https://wiki.edgexfoundry.org/display/FA/Releases](https://wiki.edgexfoundry.org/display/FA/Releases)
- EVE - [https://github.com/lf-edge/eve/releases](https://github.com/lf-edge/eve/releases) > waterfall release model
- Fledge - [https://github.com/lfedge/edge-fledge/releases](https://github.com/lfedge/edge-fledge/releases)
- Open Horizon - [https://github.com/open-horizon/infra/releases](https://github.com/open-horizon/infra/releases)
- Secure Device Onboard - [https://github.com/secure-device-onboard/releases](https://github.com/secure-device-onboard/releases)
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:
- Website where projects can receive a badge here:
  - https://bestpractices.coreinfrastructure.org
- EdgeX Foundry, Home Edge and Open Horizon badging already in progress!
- 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
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_Zjdo4-5fTQSIqH7pL8iHrQ

- **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_xCd6YPl6QrCwLIFhBWPkg

- **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_35oZ3hrQE69snMaijUTPg

- **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_iCy5h6wFTcuw9O0xMpgLw

- **Fledge**
  - Held Thursday, August 13 - How Google, OSIsoft, FLIR and Dianomic use Fledge to implement Industrial 4.0
  - Recording available at: https://www.youtube.com/watch?v=6jXNv3AIWog

- **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/811595969536/WN_4rt-MmP1Rk6Vkn3ULpiAA

- **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-R5Q4etkDhxoSXISQ

- **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_tYli1Z1RWq1pml8FuPRPw

- 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_2BvbgjYNQZCKhx_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