Prime Guide to LF Edge
For Current and New Members

Getting Started Guide
We are creating a common framework for hardware and software standards and best practices critical to sustaining current and future generations of IoT and edge devices.
LF Edge References

Key Contacts

Arpit Joshipura, Executive Sponsor
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Kendall Waters Perez, Projects Coordinator
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Sunny Cai, Marketing Manager
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Eric Ball, IT Operations
support.linuxfoundation.org

Key Resources

Website
https://www.lfedge.org/

Wiki
https://wiki.lfedge.org/

Mail Lists
https://lists.lfedge.org/

Slack
https://slack.lfedge.org/

Technical Advisory Council (TAC):
https://wiki.lfedge.org/pages/viewpage.action?pageId=1671298

Outreach Committee/Marketing:
https://lists.lfedge.org/g/outreach-committee
LF Edge Elected Leadership

**Governing Board**
- Chair: Tina Tsou, Arm
- General Member Representatives:
  - Sam Armani, mimik
  - Gavin Zhang, Thundersoft

**Technical Advisory Council (TAC)**
- Chair: Joe Pearson, IBM
- Co-Chair: Daniel Lazaro, AVEVA

**Outreach / Marketing Committee**
- Chair: Sarah Beaudoin, ZEDEDA
LF Edge Project Leadership

**Akraino**
- TSC Chair / TAC Voting Member: Yin Ding, Google
- TSC Vice-Chair: Fukano Haruhisa, Fujitsu

**Alvarium**
- TSC Chair: Trevor Conn, Dell

**Baetyl**
- TSC Chair: Leding Li, Baidu

**EdgeX Foundry**
- TSC Chair: James Butcher, IOTech
- TAC Voting Member: Jim White, IOTech

**EVE**
- TSC Chair: Erik Nordmark, ZEDEDA

**eKuiper**
- TSC Representative: Jiyong Huang, EMQ

**Fledge**
- TSC Chair: Rob Raesemann, Raesemann Enterprises

**Home Edge**
- TSC Chair: Niranjan S Patil, Samsung

**Open Horizon**
- TSC Chair: Joe Pearson, IBM

**FIDO Device Onboard**
- TSC Chair: Randy Templeton, Intel

**State of the Edge**
- TSC Chair: Hakan Sonmez, IBM
Introducing LF Edge
LF Edge Projects

Stage 1: At Large Projects
Baetyl, eKuiper, Secure Device Onboard

Stage 2: Growth Projects
EVE, Fledge, Home Edge, Open Horizon, State of the Edge

Stage 3: Impact Projects
Akraino, EdgeX Foundry

Research and Reports

Applications

Infrastructure

Developed by

Constrained Device Edge
MCU-based devices

Smart Device Edge
Embedded compute

On-Prem Data Center Edge
Smartphones, PCs, ruggedized IoT gateways and servers in accessible to semi-secure areas

Last Mile Networks
Access Networks
Aggregation Hubs/COs
Regional Data Centers
Centralized Data Centers

User Edge
Dedicated, Operated

Service Provider Edge
Shared, XaaS

LOCATIONS
Aggregation Hubs/COs
Regional Data Centers
Centralized Data Centers

Stage 1:
At Large Projects
Baetyl, eKuiper, Secure Device Onboard

Stage 2:
Growth Projects
EVE, Fledge, Home Edge, Open Horizon, State of the Edge

Stage 3:
Impact Projects
Akraino, EdgeX Foundry
LF Edge – umbrella for Edge Projects

STAGE 3: IMPACT PROJECTS

AKRAINO

Aims to create an open source software stack that supports high-availability cloud services optimized for edge computing systems and applications.

Highly flexible open source software framework that facilitates interoperability between heterogeneous devices and applications at the IoT Edge, along with a consistent foundation for security and manageability regardless of use case.

EDGE X FOUNDRY

Fledge is an open source framework and community for the Industrial Edge. Architected for rapid integration of any IIoT device, sensor or machine all using a common set of application, management and security REST APIs with existing industrial "brown field" systems and clouds.
An open abstraction engine that simplifies the development, orchestration and security of cloud-native applications on distributed edge hardware. Supporting containers, VMs and unikernels, EVE provides a flexible foundation for Industrial and Enterprise IoT edge deployments with choice of hardware, applications and clouds.

Interoperable, flexible, and scalable edge computing services platform with a set of APIs that can also run with libraries and runtimes.

Open Horizon is a platform for managing the service software lifecycle of containerized workloads and related machine learning assets. It enables management of applications deployed to distributed webscale fleets of edge computing nodes and devices without requiring on-premise administrators.

State of the Edge is an open source research and publishing project with an explicit goal of producing original research on edge computing, without vendor bias. The State of the Edge seeks to accelerate the edge computing industry by developing free, shareable research that can be used by all.
LF Edge – umbrella for Edge Projects

**STAGE 1: AT LARGE PROJECTS**

**PROJECT ALVARIUM**

Project Alvarium aims to build a framework and SDK for trust fabrics that deliver data from devices to applications with measurable confidence.

**BAETYL**

Baetyl offers a general-purpose platform for edge computing that manipulates different types of hardware facilities and device capabilities into a standardized container runtime environment and API, enabling efficient management of application, service, and data flow through a remote console both on cloud and on prem.

**eKuiper**

eKuiper is an edge lightweight IoT data analytics / streaming software implemented by Golang, and it can be run at all kinds of resource constrained edge devices. One goal of eKuiper is to migrate the cloud streaming software frameworks (such as Apache Spark, Apache Storm and Apache Flink) to edge side.

**FIDO DEVICE ONBOARD**

FIDO Device Onboard (FDO) is an automated “Zero-Touch” onboarding service.
Premier Members

AMD
AMERICAN TOWER®
ARM
AT&T
AVEVA
Baidu
Charter Communications
DELL Technologies
DIANOMIC
EQUINIX
f5
FLEXNODE
FUJITSU
FUTUREWEI Technologies
HUAWEI
IBM
Intel
Red Hat
vmware
ZEDEDA
THE LINUX FOUNDATION
OLF EDGE
LF Edge: Key Takeaways

1. Harmonizing Open Source Edge Communities across IOT, Enterprise, Cloud & Telecom

2. Keeping LF Edge Open & Interoperable with
   - Hardware, Silicon, Cloud, OS, Protocol independence
   - Bringing the best of telecom, cloud and enterprise – location, latency & mobility
   - In collaboration with Consortiums/SDO (IIC, AECC, OEC, ETSI)

3. Hosted by the Linux Foundation similar to other Open Source Communities like CNCF (Kubernetes), LF Networking (ONAP) and many more.
LF Edge Governance

- Technical Advisory Council (TAC)
  - External Focus (SDO/OSS)
  - Vertical Solutions focus (e.g., O&G, Retail, Industrial/Manuf, Home, Telecom, etc)
  - Cross-project collaboration
  - New Project Induction
  - Developer Voice to Governing Board

- Board Committees (As Needed)
  - Audit & Finance
  - Strategic Planning Committee (SPC)
  - End User Advisory Group
  - Compliance & Verification

- Outreach Committee
  - WG project x
  - WG project y

- LF Edge Governing Board
  - Strategy & Priorities
  - Budget
  - Marketing Strategy & Events
  - Legal & overall governance

- Developer Communities
  - Akraino TSC
  - EdgeX TSC
  - Home Edge TSC
  - Project EVE TSC
  - Fledge TSC
  - Project TSC
  - Project TSC
  - Project TSC

- Annual Marketing Plan
  - PR
  - Events
  - Content/Web
  - Branding
  - Market Development
LF Edge Membership – the benefits

Premier

Influence Strategic Direction of LF Edge & its projects (as a Voting GB member)
- Budget influence/approval, how and where the project spends money.
- Direct Influence on messaging, developer events, training
- Influence the marketing, messaging, and positioning to best represent the project for your uses

Marketing Committee Voting Seat

Direct Interaction with Leadership – within LF and across peers
- Premium access to the project ED/VP to understand business goals
- Premium access to the Operations staff. IT, Marketing, Operations, Leadership
- Participate in any Cross project strategy discussions on harmonization and future direction of Edge
- LF Leadership support to Keynote member events, participate in outreach (eg roadshows, events, conference meet ups etc..)

Technical and Roadmap Direction Influence (through the technical community)

TAC (Technical Advisory Council) voting seat
- Find like-minded companies/developers to build a coalition to get an idea accepted and prioritized by the community
- Aid the developers in actions they can take to improve their standing, position, and influence in the community., etc.

Brand Momentum – ability to show Leadership in Open Source which drives end user adoption and talent.
- Open Source Brand Affinity, prove to your customers that you are a leader in the project, hire talented software engineers

General

Learning and Engaging to create the largest Open Source Edge shared technology roadmap
- Work together across company lines and industries
- Participate in elected board seat process

Marketing & Thought Leadership
- Logo on the website once your membership has been announced. LF will support with quotes on Press releases related to the project
- Marketing Committee comprised of a representative from each Member company. General Members may appoint a representative as an observer of the Marketing Committee meetings on a non-voting basis. The objective of this Committee is shaping the marketing direction for edge. The Linux Foundation will do the heavy lifting, so this is more to oversee and shape the discussion/direction with the other Members for the Marketing efforts. This person can also funnel all Marketing information back to your organization so that the key stakeholders are in the loop.
- Participate in our hosted projects and attend our events, meetups, and roadshows

Technical Steering Committee & Technical Community
- TSC meetings are open to the public and we encourage all members of the technical community to participate in the discussion moving forward.
Get Involved in the LF Edge Technical Communities

› Participation in LF Edge Projects is open to all

› Getting involved in the technical communities is the best way to learn about the projects

› **Step 1:** Get a Linux Foundation ID Here: [https://identity.linuxfoundation.org/](https://identity.linuxfoundation.org/)

› **Step 2:** Visit LF Edge Wiki ([https://wiki.lfedge.org/](https://wiki.lfedge.org/))

› **Step 3:** Join workflows for the projects and working groups, subscribe to mailing lists, ask questions, contribute!

Way to participate:

› Attend project meetings
› Attend developer events
› Join approved projects
› Propose a project
› Write documentation
› Contribute use cases
› Analyze requirements
› Define tests / processes
› Review and submit code patches
› Build upstream relationships
› Contribute upstream code
› Provide feedback through VSFG
› Host and staff a community lab
› Answer questions
› Give a talk / training
› Create a demo
› Evangelize LFE and its projects
LF Edge Projects
Brief Description
Akraino aims to create an open source software stack that supports high-availability cloud services optimized for edge computing systems and applications.

Contributed by
AT&T in February 2018

Key Contacts
Yin Ding, Google, TSC Chair, TAC Voting Member
Fukano Haruhisa, Fujitsu, TSC Vice-Chair

Key Links
Website: https://www.lfedge.org/projects/akraino
Wiki: https://wiki.akraino.org/
Gerrit: https://gerrit.akraino.org/r/#/q/status:open
Documentation: https://wiki.akraino.org/display/AK/Documentation
Mail Lists: https://lists.akraino.org/g/main
Slack: https://slack.lfedge.org/
(#akraino / #akraino-blueprints / #akraino-devprojects / #akraino-help / #akraino-tsc)
Technical Steering Committee (TSC):
Blueprints:
https://wiki.akraino.org/pages/viewpage.action?pageId=1147243
Brief Description
Baetyl (pronounced “Beetle”) offers a general-purpose platform for edge computing that manipulates different types of hardware facilities and device capabilities into a standardized container runtime environment and API, enabling efficient management of application, service, and data flow through a remote console both on cloud and on prem. Baetyl also equips the edge operating system with the appropriate toolchain support, reduces the difficulty of developing edge calculations with a set of built-in services and APIs, and provides a graphical IDE in the future.

Contributed by
Baidu in August 2019

Key Contacts
Leding Li, Baidu, TSC Chair

Key Links
Website: https://baetyl.io/
Wiki: https://github.com/baetyl/baetyl/wiki
GitHub: https://github.com/baetyl/baetyl
Documentation: https://baetyl.io/en/docs/overview/What-is-Baetyl
Mail Lists: https://lists.lfedge.org/g/main/subgroups
Slack: https://slack.lfedge.org/ (#baetyl / #baetyl-tsc)
WeChat: https://baetyl.cdn.bcebos.com/Wechat/Wechat-Baetyl.png
Technical Steering Committee (TSC):
https://github.com/baetyl/baetyl/wiki/Technical-Steering-Committee-(TSC)
**Brief Description**

EdgeX, your data liberated! Highly flexible open source software framework that facilitates interoperability between heterogeneous devices and applications at the IoT Edge, along with a consistent foundation for security and manageability regardless of use case.

**Contributed by**

Dell in April 2017

**Key Contacts**

James Butcher, IOTech, TSC Chair
Jim White, IOTech, TAC Voting Member

**Key Links**

Website: [https://www.lfedge.org/projects/edgexfoundry/](https://www.lfedge.org/projects/edgexfoundry/)
Wiki: [https://wiki.edgexfoundry.org/](https://wiki.edgexfoundry.org/)
GitHub: [https://github.com/edgexfoundry](https://github.com/edgexfoundry)
Documentation: [https://docs.edgexfoundry.org/](https://docs.edgexfoundry.org/)
Mail Lists: [https://lists.edgexfoundry.org/g/main/subgroups](https://lists.edgexfoundry.org/g/main/subgroups)
Slack: [https://slack.edgexfoundry.org/](https://slack.edgexfoundry.org/)
Getting Started Guide: [https://docs.edgexfoundry.org/1.2/getting-started/](https://docs.edgexfoundry.org/1.2/getting-started/)
eKuiper is an edge lightweight IoT data analytics / streaming software implemented by Golang, and it can be run at all kinds of resource constrained edge devices.

Contributed by
EMQ in June 2021

Key Contacts
Jiyong Huang, EMQ, TSC Representative

Key Links
Website: https://www.lfedge.org/projects/
Wiki: https://wiki.lfedge.org/display/EKUIPER/eKuiper
GitHub: https://github.com/lf-edge/ekuiper
Mail Lists: https://lists.lfedge.org/g/main/subgroups
Slack: https://slack.lfedge.org/ (#ekuiper / #ekuiper-tsc)
Technical Steering Committee (TSC):
https://wiki.lfedge.org/display/EKUIPER/%28TSC%29+Technical+Steering+Committee
Quick Start:
https://wiki.lfedge.org/display/EKUIPER/eKuiper+5+minutes+quick+start
**Brief Description**
Project Alvarium aims to build a framework and SDK for trust fabrics that deliver data from devices to applications with measurable confidence.

**Contributed by**
Dell Technologies in October 2021

**Key Contacts**
Trevor Conn, Dell

**Key Links**
Website: [https://www.lfedge.org/projects/](https://www.lfedge.org/projects/)
Wiki: [https://wiki.lfedge.org/display/AL/Alvarium](https://wiki.lfedge.org/display/AL/Alvarium)
GitHub: [https://github.com/project-alvarium](https://github.com/project-alvarium)
Mail Lists: [https://lists.lfedge.org/g/main/subgroups](https://lists.lfedge.org/g/main/subgroups)
Slack: [https://slack.lfedge.org/](https://slack.lfedge.org/) (#alvarium)
**Brief Description**
An open abstraction engine that simplifies the development, orchestration and security of cloud-native applications on distributed edge hardware. Supporting containers, VMs and unikernels, EVE provides a flexible foundation for Industrial and Enterprise IoT edge deployments with choice of hardware, applications and clouds.

**Contributed by**
ZEDEDA in January 2019

**Key Contacts**
Erik Nordmark, ZEDEDA, TSC Chair

**Key Links**
Website: [https://www.lfedge.org/projects/eve/](https://www.lfedge.org/projects/eve/)
Wiki: [https://wiki.lfedge.org/display/EVE/Project+EVE](https://wiki.lfedge.org/display/EVE/Project+EVE)
GitHub: [https://github.com/lf-edge/eve](https://github.com/lf-edge/eve)
Documentation: [https://github.com/lf-edge/eve/tree/master/docs](https://github.com/lf-edge/eve/tree/master/docs)
Mail Lists: [https://lists.lfedge.org/g/main/subgroups](https://lists.lfedge.org/g/main/subgroups)
Slack: [https://slack.lfedge.org/](https://slack.lfedge.org/) (#eve / #eve-help)
Technical Steering Committee (TSC): [https://wiki.lfedge.org/display/EVE/TSC-Project+EVE+Technical+Steering+Committee](https://wiki.lfedge.org/display/EVE/TSC-Project+EVE+Technical+Steering+Committee)
**Brief Description**
Fledge is an open source framework and community for the Industrial Edge. Architected for rapid integration of any IIoT device, sensor or machine all using a common set of application, management and security REST APIs with existing industrial "brown field" systems and clouds.

**Contributed by**
Dianomic and OSIsoft in September 2019

**Key Contacts**
Rob Raesemann, Raesemann Enterprises, TSC Chair

**Key Links**
Website: [https://www.lfedge.org/projects/fledge/](https://www.lfedge.org/projects/fledge/)
Wiki: [https://wiki.lfedge.org/display/FLEDGE/Fledge+Home](https://wiki.lfedge.org/display/FLEDGE/Fledge+Home)
GitHub: [https://github.com/fledge-iot](https://github.com/fledge-iot)
Documentation: [https://fledge-iot.readthedocs.io/](https://fledge-iot.readthedocs.io/)
Mail Lists: [https://lists.lfedge.org/g/main/subgroups](https://lists.lfedge.org/g/main/subgroups)
Slack: [https://slack.lfedge.org/](https://slack.lfedge.org/) (#fledge / #fledge-help / #fledge-tsc)
**Brief Description**
Interoperable, flexible, and scalable edge computing services platform with a set of APIs that can also run with libraries and runtimes.

**Contributed by**
Samsung Electronics in June 2019

**Key Contacts**
Niranjan S Patil, Samsung, TSC Chair

**Key Links**
Website: [https://www.lfedge.org/projects/homeedge/](https://www.lfedge.org/projects/homeedge/)
Wiki: [https://wiki.lfedge.org/display/HOME/Home+Edge+Project](https://wiki.lfedge.org/display/HOME/Home+Edge+Project)
GitHub: [https://github.com/lf-edge/edge-home-orchestration-go](https://github.com/lf-edge/edge-home-orchestration-go)
Mail Lists: [https://lists.lfedge.org/g/main/subgroups](https://lists.lfedge.org/g/main/subgroups)
Slack: [https://slack.lfedge.org/](https://slack.lfedge.org/) (#homeedge / #homeedge-tsc)
Technical Steering Committee (TSC):
**Brief Description**
Open Horizon is a platform for managing the service software lifecycle of containerized workloads and related machine learning assets. It enables management of applications deployed to distributed webscale fleets of edge computing nodes and devices without requiring on-premise administrators.

**Contributed by**
IBM in April 2020

**Key Contacts**
Joe Pearson, IBM, TSC Chair

**Key Links**
Website: [https://www.lfedge.org/projects/openhorizon/](https://www.lfedge.org/projects/openhorizon/)
Wiki: [https://wiki.lfedge.org/display/OH/Open+Horizon](https://wiki.lfedge.org/display/OH/Open+Horizon)
GitHub: [https://github.com/open-horizon](https://github.com/open-horizon)
Mail Lists: [https://lists.lfedge.org/g/main/subgroups](https://lists.lfedge.org/g/main/subgroups)
Slack: [https://slack.lfedge.org/](https://slack.lfedge.org/) (#open-horizon / #open-horizon-help / #open-horizon-tsc)
Technical Steering Committee (TSC): [https://wiki.lfedge.org/display/OH/%28TSC%29+Technical+Steering+Committee](https://wiki.lfedge.org/display/OH/%28TSC%29+Technical+Steering+Committee)
**Brief Description**

The mission of the FIDO Device Onboard project is to develop open source software to support an automated “Zero-Touch” onboarding service in order to more securely and automatically onboard and provision a device on edge hardware. This zero-touch model simplifies the installer’s role, reduces costs and eliminates poor security practices, such as shipping default passwords.

**Contributed by**

Intel in June 2020

**Key Contacts**

Randy Templeton, Intel, TSC Chair

**Key Links**

Website: [https://www.lfedge.org/projects/fidodeviceonboard/](https://www.lfedge.org/projects/fidodeviceonboard/)

Wiki: [https://wiki.lfedge.org/display/SDO/FIDO+Device+Onboard](https://wiki.lfedge.org/display/SDO/FIDO+Device+Onboard)

GitHub: [https://github.com/secure-device-onboard](https://github.com/secure-device-onboard)

Mail Lists: [https://lists.lfedge.org/g/main/subgroups](https://lists.lfedge.org/g/main/subgroups)

Slack: [https://slack.lfedge.org/](https://slack.lfedge.org/) (#sdo-general / #sdo-help / #sdo-tsc)
Brief Description
State of the Edge is an open source research and publishing project with an explicit goal of producing original research on edge computing, without vendor bias. The State of the Edge seeks to accelerate the edge computing industry by developing free, shareable research that can be used by all.

Contributed by
Vapor IO and Packet
  Glossary - June 2018
  SOTE - April 2020

Key Contacts
Hakan Sonmez, IBM, TSC Chair

Key Links
Website: https://www.lfedge.org/projects/stateoftheedge/
Wiki: https://wiki.lfedge.org/display/GLOSSARY/State+of+the+Edge
GitHub: https://github.com/State-of-the-Edge
Mail Lists: https://lists.lfedge.org/g/stateoftheedge
Slack: https://slack.lfedge.org/ (#glossary / #glossary-landscape / #glossary-taxonomy / #glossary-tsc)
Landscape: https://landscape.lfedge.org/
State of the Edge Reports:
https://www.stateoftheedge.com/reports/
Open Glossary of Edge Computing:
https://github.com/State-of-the-Edge/glossary
Getting Involved with LF Edge Projects and Committees
Sample marketing execution timeline for **Premier Members**

LF Edge supports Premier members to create a comprehensive marketing plan leveraging exclusive Marketing benefits.

<table>
<thead>
<tr>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Display your company <strong>logo</strong> on lfedge.org</td>
<td>● Participate in the <strong>Marketing Committee</strong> and help drive project marketing strategy &amp; execution</td>
<td>● Participate in live LF Edge <strong>webinar</strong> series, streaming on LinkedIn and Zoom</td>
<td>● Co-promotion of project related updates, releases, and news via LF Edge <strong>social media</strong> accounts</td>
</tr>
<tr>
<td>● Foundation-issued <strong>press release</strong> announcing membership</td>
<td>● Co-create <strong>case studies and white papers</strong> to highlight how LF Edge is leveraged in-market</td>
<td>● Opportunity to contribute <strong>thought leadership</strong> pieces on LF Edge blog, Linux Foundation blog, or Linux.com</td>
<td>● Marketing and PR support for demos at Industry Events</td>
</tr>
<tr>
<td>● Support for LF Edge-related member announcements through exec press release <strong>quotes</strong> &amp; <strong>social media</strong> promotion</td>
<td>● Coordination at <strong>events</strong> – speaking proposals, booth attendance, demos, etc.</td>
<td>● Add your company’s LF Edge-based solution in the LF Edge <strong>Industry Solution Showcase</strong></td>
<td>● Early opportunities to access <strong>LF Edge Annual Report</strong></td>
</tr>
<tr>
<td>● Featured exec <strong>testimonial</strong> on LF Edge home page</td>
<td>● Opportunity to be featured in the most downloaded <strong>State of the Edge Report</strong></td>
<td>● Feature in the <strong>Leaders in LF Edge</strong> series</td>
<td>● Receive <strong>20% registration discount</strong> to all Linux Foundation events</td>
</tr>
<tr>
<td>● Highlight membership in LF Edge quarterly <strong>newsletter</strong></td>
<td>● Most <strong>prominent placement</strong> in membership displays on websites, events and marketing materials</td>
<td>● Early Access to the annual <strong>State of the Edge Report</strong></td>
<td>● Early access to LF Edge-related event sponsorships</td>
</tr>
<tr>
<td>● Participate in LF Edge <strong>Member Spotlight</strong> series</td>
<td></td>
<td>● Support with LF Edge-related <strong>Industry event speaking proposals</strong></td>
<td></td>
</tr>
</tbody>
</table>
Elevate your brand with LF Edge Marketing

Events and Conferences
Host and support relevant events including LF Edge project events, industry events, local meetups and more

Social Media Channels
Promote LF Edge and its projects on websites, social media channels, email marketing and regular webinars

News and Publications
Draft and publish Blogs, newsletters, project case studies, White Papers, Thought Leadership content and more

Public Relationships
Maintain public relations and host meetings with media & analysts. Publish press releases to improve brand awareness

Partnership Marketing
Collaborate with adjacent Foundations, projects communities and LF Edge members to promote LF Edge brand
## How Members Engage: LF Edge Technical Projects

<table>
<thead>
<tr>
<th>Participate in the development efforts: Review and submit code patches, report bugs, request new features, etc.</th>
<th>Attend developer events for LF Edge projects</th>
<th>Contribute to documentation</th>
<th>Provide your testing and deployment feedback via appropriate project channels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Join the projects’ mailing lists and participate in the discussions</td>
<td>Start a local User Group Meetup</td>
<td>Join the LF Edge Technical Advisory Council (TAC) calls and subscribe to the TAC mailing list</td>
<td>Contribute to the Open Glossary of Edge Computing</td>
</tr>
</tbody>
</table>
## How Members Engage: Technical Advisory Council (TAC)

| Support TAC leadership in inviting speakers | **Attend TAC**
Bi-weekly calls, participate in the discussion, volunteer | Share success stories, opportunities and challenges with the broader technical community to seek input from peers | Identify opportunities for collaboration on common interests and initiatives |
<table>
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<tbody>
<tr>
<td>Support technical leadership for harmonization efforts with other open source communities within and beyond LF Edge</td>
<td>Support TAC in hosting and sponsors intra-project and inter-project in-person developer events for LF Edge projects</td>
<td><strong>Support TAC in evaluating new projects for inclusion in LF Edge</strong></td>
<td>Support TAC Chair who works with the Governing Board to highlight the Projects’ collective opportunities and any resource needs</td>
</tr>
</tbody>
</table>
Display Your LF Edge Membership Badge

These badges are available (svg and png) from the LF Edge GitHub: https://github.com/lf-edge/artwork

Members can display membership badges on booth collateral and on their website.
Linux Foundation Training Courses

Free Courses
- A Beginner’s Guide to Open Source Software Development
- Compliance Basics for Developers
- Fundamentals of Professional Open Source Management
- Business Considerations for Edge Computing

Paid Courses
- Introduction to Open Source Development, Git, and Linux
- DevOps for Network Engineers
- Getting Started with EdgeX Foundry (LFD213)

Contact training@linuxfoundation.org to get your member discount on eLearning, Instructor Led (Onsite & Virtual), and Certifications.
Linux Foundation edX and Training Courses

- Business Considerations for Edge Computing: https://www.edx.org/course/business-considerations-for-edge-computing

Stay Connected for the Latest Updates

@LF_Edge
https://twitter.com/lf_edge

https://www.linkedin.com/company/lf-edge

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