

LF Edge Proposal Template

Instructions

1. Review the [Project Proposal Process](#)
2. Add New Proposals to the Wiki using the template below and detailed instructions [here](#).
3. If you need help creating your new Project Proposal page - and adding the template below, please email info@lfedge.org

Project Proposal Template

Project Proposal - Project Introduction:

Required Information	Responses (Please list N/A if not applicable)
Name of Project	
Project Description (what it does, why it is valuable, origin and history)	
Statement on alignment with Foundation Mission Statement	
High level assessment of project synergy with existing projects under LF Edge, including how the project compliments /overlaps with existing projects, and potential ways to harmonize over time. Responses may be included both here and/or in accompanying documentation.	
Link to <i>current</i> Code of Conduct	
2 TAC Sponsors, if identified (Sponsors help mentor projects) - See full definition on Project Stages: Definitions and Expectations	
Project license	
Source control (GitHub by default)	
Issue tracker (GitHub by default)	
External dependencies (including licenses)	
Release methodology and mechanics	
Names of initial committers, if different from those submitting proposal	
Current number of code contributors to proposed project	
Current number of organizations contributing to proposed project	
Briefly describe the project's leadership team and decision-making process	
List of project's official communication channels (slack, irc, mailing lists)	
Link to project's website	
Links to social media accounts	
Existing financial sponsorship	
Infrastructure needs or requests (to include GitHub/Gerrit, CI/CD, Jenkins, Nexus, JIRA, other ...)	
Currently Supported Architecture	
Planned Architecture Support	
Project logo in svg format (see https://github.com/lf-edge/lfedge-landscape#logos for guidelines)	
Trademark status	
Does the project have a Core Infrastructure Initiative security best practices badge? (See: https://bestpractices.coreinfrastructure.org)	

Any additional information the TAC and Board should take into consideration when reviewing your proposal?	
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Project Proposal - Mapping Criteria and Data:

Stage 1: At Large Projects (formerly 'Sandbox')

Criteria	Data
2 TAC Sponsors, if identified (Sponsors help mentor projects) - See full definition on Project Stages: Definitions and Expectations	
A presentation at an upcoming meeting of the TAC, in accordance with the project proposal requirements	
The typical IP Policy for Projects under the LF Edge Foundation is Apache 2.0 for Code Contributions, Developer Certificate of Origin (DCO) for new inbound contributions, and Creative Commons Attribution 4.0 International License for Documentation. Projects under outside licenses may still submit for consideration, subject to review/approval of the TAC and Board.	
Upon acceptance, At Large projects must list their status prominently on website/readme	

*** For existing Projects requesting Stage 2 or Stage 3 consideration, please update the above with the Stage 2 or Stage 3 Mapping criteria, available at [Project Stages Mapping: Criteria and Data](#)

Project Proposal - Taxonomy Data:

Functions (Provide, Consume, Facilitate, or N/A; Add context as needed)

Functions	(Provide, Consume, Facilitate, or N/A; Add context as needed)
APIs	
Cloud Connectivity	
Container Runtime & Orchestration	
Data Governance	
Data Models	
Device Connectivity	
Filters/Pre-processing	
Logging	
Management UI	
Messaging & Events	
Notifications & Alerts	
Security	
Storage	

Deployment & Industry Verticals (Support, Possible, N/A; Add context as needed)

Deployment Type	(Support, Possible, N/A; Add context as needed)
Customer Devices (Edge Nodes)	
Customer Premises (DC and Edge Gateways)	

Telco Network Edge (MEC and Far-MEC)	
Telco CO & Regional	
Cloud Edge & CDNs	
Public Cloud	
Private Cloud	

Deployment & Industry Verticals (or X; Add context as needed)

Directly applicable Industry/Verticals use cases	(or X; Add context as needed)
Automotive / Connected Car	
Chemicals	
Facilities / Building automation	
Consumer	
Manufacturing	
Metal & Mining	
Oil & Gas	
Pharma	
Health Care	
Power & Utilities	
Pulp & Paper	
Telco Operators	
Telco/Communications Service Provider (Network Equipment Provider)	
Transportation (asset tracking)	
Supply Chain	
Preventative Maintenance	
Water Utilities	
Security / Surveillance	
Retail / Commerce (physical point of sale with customers)	
Other - Please add if not listed above (please notify TAC-subgroup@lists.lfedge.org when you add one)	

Deployments (static v dynamic, connectivity, physical placement) - (or X; Add context as needed)

Use Cases	(or X; Add context as needed)
Gateways (to Cloud, to other placements)	
NFV Infrastructure	
Stationary during their entire usable life / Fixed placement edge constellations / Assume you always have connectivity and you don't need to store & forward.	
Stationary during active periods, but nomadic between activations (e.g., fixed access) / Not always assumed to have connectivity. Don't expect to store & forward.	
Mobile within a constrained and well-defined space (e.g., in a factory) / Expect to have intermittent connectivity and store & forward.	
Fully mobile (To include: Wearables and Connected Vehicles) / Bursts of connectivity and always store & forward.	

Compute Stack Layers (architecture classification) - (Provide, Require, or N/A; Add context as needed)

Compute Stack Layers	(Provide, Require, or N/A; Add context as needed)
APIs	
Applications	
Firmware	
Hardware	
Orchestration	
OS	
VM/Containers	

Cloud Stack Layers (architecture classification) - (Provide, Require, or N/A; Add context as needed)

Cloud Stack Layers	(Provide, Require, or N/A; Add context as needed)
Applications	
Configuration (drive)	
Content (management system)	
IaaS	
PaaS	
Physical Infrastructure	
SaaS	

Attachments (LF Edge PPT template is below, if proposing project would like to leverage):



lf_edge_MASTER.pptx