

# 2020 Priorities for the Community

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# Akraino R2: Key Takeaways & What's Next in 2020

1. LF Edge Projects gaining community support with Akraino **which is now Stage 3 project** aimed at accelerating time to deployment -> Projects to Products & Production
2. Akraino establishes unified framework for Edge collaboration & validation across projects & community with Blueprints
3. Akraino's R2 release has 14 Blueprints for IoT, Enterprise, Telco and Radio Edge Cloud



## ***On the Horizon***

- › New blueprints (Edge AI/ML, 5G MEC/Slice, Time Critical Edge, Micro-MEC...) + enhancements to existing blueprints
- › Tools for automated blueprint validations
- › Edge API's in collaboration with LF Edge projects

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## 2. Drive end user deployments and publish end user stories

- Goal: Publish Blog and end user deployment stories
- Recent examples:
  - Baidu - <https://wiki.akraino.org/display/AK/Baidu%27s+end+user+story>
  - Tencent - <https://wiki.akraino.org/display/AK/Tencent%27s+end+user+stories>
  - AT&T - <https://wiki.akraino.org/pages/viewpage.action?pageId=24084640>
- Action Item:
  1. LF Edge Marketing sub-committee to assist in coordinating with TSC and Akraino users to publish user deployment stories.
  2. Encourage the users to share their success stories ( PTLs & TSC members)

# 2020 Priorities for the Community

## 1. Akraino and other LF Edge Projects Collaboration

- Goal: Encourage other LF Edge projects to use Akraino blueprints and demonstrate collaboration (AI: TSC)
- Recent examples:
  - Akraino Community Lab being offered to LF Edge projects
  - API White paper collaboration with other LF Edge projects
  - EdgeX Fuji release blackbox test report running on the Akraino Lab's ARM based platform
- Action Item:
  1. Identify more collaboration opportunities – TSC, Chairs, PTLs

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## 3. Execute delivery of Release 3 (R3) and Release 4 (R4)

- Goal:

- Establish Release Criteria
- Establish Timelines and Publish
- Identify any process improvements
- Maturity badges for Blueprints (Logo)

- Action Item:

1. Process - TSC Chair, TSC Co-chair, TSC, Sub-committee Chairs
2. Badge/LOGO - LF and TSC Chair/Co-chair

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## 4. Automated validation of Akraino Projects

- Goal:

- Minimum mandated tests defined and voted by the TSC and exercised in R3
- Promote adoption of validation project as part of blueprint testing
- Need minimum commitment/contribution from each BP
  - Minimum BP to contribute test cases/code related to each BP
- Requesting sub-committee chairs to assist on this exercise

- Recent Progress:

- Deployment of Blueprint Validation User Interface (UI) to view validation test logs
- Integrating security tests

- Action Item:

1. Validation project to present which test are ready and can be a mandated tests
2. TSC to vote on the mandated tests by March

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## 5. Encourage collaboration between BP and maximize Feature project usage to minimize overlaps

- Goal:
  - Share best practices among blueprints
  - Maximize common building blocks between BPs
- Action Item:
  1. TSC

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## 6. LF Edge Level items

### › Community Lab infrastructure

- Goal:

- Manage Lab Resources amongst Akraino BPs and LF Edge Projects
- Support Akraino blueprints for all LF Edge projects

- Action Item:

1. CI Subcommittee to give a read out on the LAB sharing progress to TSC March 30th
2. Create a plan along with TAC and other projects

### › Explore formal alliance with O-RAN, ETSI MEC, LF Edge projects, etc.,

- Goal:

- Formal collaboration with O-RAN, ETSI MEC, LF Edge projects, etc.,
- Publish an joint press release to publicly announce plans

### › Action Item:

- TSC Chair to formalize a plan



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## 7. Recruit new members/developers to Akraino

- Goal:

- Developers onboarding documentation and short video (AI: Doc/Community SC)
- Present Akraino at the conference and in other LF Edge project's TSC ( AI: all TSC members)
- Host Hackathons, workshops and developer meetups
- Provide video demos of all blueprints and post on Wiki

- Action Item:

- All community members

# 2020 Priorities for the Community

## 10. LF resources

- Goal:
  - Assistance required Portal, Infrastructure, Lab resources, Budget, release plan, etc.,
- Action Item:
  - Jointly agree on the goals for 2020 (Brett, TSC Chair/Co-Chair)