

Akraino R3 Community goals

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Akraino R3: 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 10+ 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
- › Regional Controller/Portal
- › New community lab hardware

TSC top level 2020 goals

1. LF Edge level goals

- a) Encourage other LF Edge projects to use Akraino blueprints. Create an actionable plan with other LF Edge projects – AI: TSC-Chair/Co-Chair
- b) Continue to engage with TAC and bring overlapping projects to Akraino
 - a) Open discussion – what is the best way to accomplish this item?

2. Drive Release 3 and Release 4

3. Drive end user deployments and publish end user stories

TSC top level 2020 goals

4. TSC Chair/Co-Chair election

- a) Current Chair/Co-Chair period will come to an end @ October 2020
- b) Nomination for 2020 election in August/early September and election in October

5. Automated validation of Akraino Projects

- a) Minimum mandated tests defined and voted by the TSC and exercised in R3
- b) Deployment of Blueprint Validation User Interface (UI) to view validation test logs
- c) On Demand triggering of Validation Testing via Blueprint Validation User Interface (UI)
- d) Integrating security tests
- e) Maturity badges for each BP
- f) There is only 3-4 companies actively contributing resources to Validation project
- g) Need minimum commitment/contribution from each BP
 - a) Minimum BP to contribute test cases/code related to each BP
- h) Requesting sub-committee chairs to assist on this exercise

TSC top level 2020 goals

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

- a) Promoting use of Portal and Regional Controller across Blueprints
- b) Motivating Network Automation Feature Project
- c) Share best practices (e.g., LCM attributes) amongst blueprints
- d) Open discussion – how & what part?

7. Community Lab infrastructure

- a) Jenkins integration to trigger on-demand testing

8. Recruit new members/developers to Akraino

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

TSC top level 2020 goals

9. Akraino BP API Standards

- a) Community whitepaper (AI: API SC)
- b) Explore possibility of actionable plan with O-RAN, ETSI MEC, LF Edge projects, etc.,
 - a) Formal collaboration with O-RAN, ETSI MEC, LF Edge projects, etc.,
 - b) Do a joint press release to publicly announce plans (AI: API/Community/TSC Chair/Co-Chair/Marketing subcommittee)

10. 2020 + Budget projections to board

- a) Prepare 2020-2021 budget (IT, community lab, marketing, etc.,) and present to the board
- b) Request additional resources to assist with releases

11. LF resources

- a) Jointly agree on the goals for 2020

TSC top level 2020 goals

12. Akraino Summit and TSC f2f meeting

- a) Demo R2 blueprints
- b) Share insight about R3 blueprints
- c) Focus heavily on technical topics than process
- d) Possible avenues
 - a) ONS Europe
 - b) Open Source Summit
 - c) Jointly with other Open source summits

13. Other improvement areas – R3 & Beyond

- a) Collect feedback from TSC members, PTLs and project members
- b) Setup a wiki page to collect feedback

14. Participate in TAC Architecture Group

- a) Show overall value
- b) Integrated demos