

Meeting of the Technical Steering Committee of the Akraino Edge Stack Project

January 31, 2019



TSC Voting Member Roll Call

Member Company	Voting Member Name	Contact info
Arm	Tina Tsou	tina.tsou@arm.com
AT&T	Kandan Kathirvel	kk0563@att.com
Dell	Tim Epkes	tim_epkes@dell.com
Ericsson	Torbjörn Keisu	torbjorn.keisu@ericsson.com
Huawei	Wenjing Chu	wenjing.chu@huawei.com
Intel	Jenny Koerv	jenny.koerv@intel.com
Inwinstack	Thor Chin	thor.c@inwinstack.com
Juniper	Sukhdev Kapur	sukhdev@juniper.net
Nokia	Tapio Tallgren	tapio.tallgren@nokia.com
NTT	Takeshi Kuwahara	kuwahara.takeshi@lab.ntt.co.jp
Qualcomm	Jasmin Ajanovic	jasmin@qti.qualcomm.com
Radisys	Prakash Siva	psiva@radisys.com
Red Hat	Frank Zdarsky	zdarsky@redhat.com
Seagate Technologies	Tim Walker	tim.t.walker@seagate.com
WindRiver	Jim Einarsson	jim.einarsson@windriver.com

Agenda

- › Remaining PTL Election Results
- › Voting on Approval of Akraino Blueprint Validation Framework Feature Project
- › Process Sub-Committee Updates to the Technical Community Document
- › Upstream Sub-Committee Update/Voting on Changes to the Technical Community Document
- › Akraino Release Engineering Update
- › ONS San Jose Conference

Remaining Blueprint / Feature Project PTL Election

Blueprint	Elected PTL	Email Address
Network Cloud Integration w/ Tungsten Fabric	Sukdev Kapur	sukhdev@juniper.net
Industrial Edge	Yolanda Robla	yroblamo@redhat.com
Provider Access Edge	Yolanda Robla	yroblamo@redhat.com

Akraino Feature Project –Blueprint Validation Framework

Feature	Description	Committers	Timeline	Informational
<p>Akraino Blueprint Validation Framework Project</p>	<ol style="list-style-type: none"> 1. The purpose of the Validation framework project is to define a standard set of tools and tests to evaluate Akraino Blueprints to determine if the blueprints are 'Akraino ready / validated' 2. As part of this, a consistent test framework that is automated and that works across all layers of the Akraino Edge Stack (HW, OS, K8s, Openstack, etc.) and across different BPs/BP Families will be provided. 3. Blueprint owners will be expected to conduct the standard tests with the specified tools. Project technical leads will share the results of the platform testing with the Akraino TSC so that the TSC can decide if the blueprint can proceed from the Incubation to Mature or Core stages. <ol style="list-style-type: none"> 3a. The proposed test set would be required to be passed for all in-scope layers of Akraino BPs 3b. The validation framework defines a consistent minimum mandatory test set and test tools 4. The validation framework can be extended to meet the requirements of Blueprints that are not included in the standard tests <ol style="list-style-type: none"> 4a. It is incumbent on the blueprint owners to submit additional requirements to extend the validation framework in the feature project 5. Validation framework project will leverage pre-existing open source tool sets as much as possible 	<p>AT&T, Ericsson & Nokia</p>	<p>R1</p>	<p>Impacted Blueprint Family –Applies to all BP Families and Blueprints.</p>

Process Subcommittee Technical Document Changes



Technical Community Document Updates

- > Formal Motion to vote on proposed revisions...
 - > Remove redundant Release Plan list in section 3.3.8.1 of the Technical Community Document
 - > Update 3.3.2.3.1 to specify labs to be used for feature project and blueprint testing
- > Proposed Maturity Review revisions (3.3.7.2)...
 - i. Successful participation in *at least two* releases: The project demonstrates stable output (code base, documents) within its history of releases in accordance with the release policy.
 - ii. Architecture has been reviewed by the ~~Architecture Committee~~ *CI/CD Sub-Committee, TSC and presented to broader Akraino community*
 - iii. *Project Contributors have provided a validation lab with exact configuration required by the project to connect with Akraino CI and demonstrate CD. The environment should be reviewed and endorsed by the CI/CD Sub-Committee.*
 - iv. Project is active and contributes to Akraino: The project demonstrates ~~a stable~~ *an increasing number of commits and/or* contributions across recent releases measurable by TSC discretion. Contributions are commits ~~which get that have been~~ merged to ~~a repository of~~ an Akraino project *repository* or a related upstream project. Commit examples are ~~can for example~~ *be patches to update the requirements document of a project, code addition to an Akraino or upstream project repository, new test cases and so forth.*
 - v. Mature artifacts produced: The project demonstrates that the artifacts produced by the project are deployable (where applicable) and have been successfully deployed, configured and used *by at least two independent end users (typically, service providers) who have publicly documented their support on the Akraino wiki and within the accompanying project documentation.*



Adobe Acrobat Document

Upstream Sub Committee

- › We will be discussing the main work items for the sub-committee, and specifically:
 - › The best practice policies for upstreaming in Akraino
 - › The project coordinators
 - › How to apply these policies
- › Very important for all members to attend. Attendance has been low since the Christmas holiday.

Akraino Release Engineering Update

- › Akraino Release Engineer: Eric Ball, eball@linuxfoundation.org (previously Jeremy Phelps)
- › Summary of Release Engineering
 - › Bootstrap and initialize CI environments: Gerrit, GitHub, Nexus, Jenkins, Jira
 - › Define project CI workflows (to include release)
 - › Develop reusable templates and tooling to automate CI workflows
 - › Review code contributed to internal tooling and community facing repositories managed by LF (for an initial period before it is handed off as an accountability of a designated member of the project community - 3 months (varies))
 - › Tag project repositories and promote associated artifacts
 - › Provide guidance, instruction, and relevant best-practice CI documentation to project communities
 - › Write and maintain releng documentation
 - › Onboard new projects and provide relevant guidance on use of standard CI tools: principally the use of gerrit/jenkins and associated processes
 - › Attend technical meetings to provide expertise to project communities (varies on projects)
 - › Optimize project build efficiencies where possible to lower CI cost

ONS San Jose Conference

- › Akraino BoF Session
- › Your Path to Edge Computing - Akraino Edge Stack
- › Edge Computing League - LF Edge Umbrella
- › End to End Broadband Access for Service Providers
- › Panel: Edge Open Source Synergy To Deliver Value-Added End-To-End Services

Open Discussion

- › Updates from Sub-Committees