

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

November 29, 2018



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
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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

- F2F Meeting Logistics & Agenda
- Sub-Committee Updates
- Blueprint Review: Integrated Edge Cloud for Network Cloud Blueprint Family
- Board meeting action items
- Open Discussion

TSC Logistics

> 12/2018 TSC F2F Meeting

- > Updates will continue to be posted to event wiki page.
- > Reminder: **Please provide an RSVP (in person, via Zoom, or not attending) [here](#)** to the event, also available in the [TSC Group Calendar](#). This is very important for logistics and planning purposes.

12/2018 TSC F2F Meeting

By: [Jacqueline Serafin](#)
When: Thursday, December 6th, 2018 12:00am to Friday, December 7th, 2018 12:00am (GMT-08:00) America/Los Angeles
Where: [2625 Augustine Drive, Santa Clara, CA 95054](#) or via Zoom (see below)
Organizer: tsc@lists.akraino.org
Details: Visit the [12/2018 TSC F2F Meeting](#) event wiki page for updates.
[Zoom Link](#)

Please email tsc@lists.akraino.org for any questions.
Meeting Lead: Tina Tsou, Akraino TSC Co-Chair





















An RSVP has been requested for this event. You have already replied.

PLEASE CONFIRM WHETHER YOU WILL ATTEND IN PERSON OR VIA ZOOM.

Brett Preston (LF) will attend in person on my behalf.

[Will Attend](#) [Update Will Not Attend](#) [Not Sure](#) [View Responses](#)

Invited: 137 people
Attending: 27 people
Not Attending: 1 person

 Xinhui Li Attending	 WILLIAMS, JAMES Attending Attending via Zoom	 Wenjing Chu Attending Wenjing Chu	 Torbjörn Keisu Attending In person
 Tina Tsou Attending in person	 Thulasi, Arun Attending In person (I am local to th...	 Thor@inwinSTACK Attending attend in person	 Tapio Tallgren Attending via zoom
 Takeshi Kuwahara Attending via Zoom	 Sujata Tibrewala Attending in person	 Mark Ellison Attending zoom	 Koerv, Jenny Attending
 KATHIRVEL, KANDAN Attending	 Jasmin Ajanovic Attending in person	 Einarsson, Jim Attending In person	 Brett Preston Attending
 Balaji Ethirajulu Attending In person	 Andrew Wilkinson Attending In person	 fzdarsky@redhat.com Attending	 psiva@radisys.com Attending will attend via zoom

Akraino TSC F2F Meeting Agenda – Day 1

Time	Topics
8:30am - 9:00am	Registration and Coffee
9:00am -9:15am	Welcome note by TSC Chair and Co-Chair Meeting Logistics & Agenda
9:15am - 9:35am	Review Criteria for Blueprints by Process Sub-Committee Chair - Jim Einarsson
9:35am - 12:00pm	Blueprint Reviews by TSC - 30 minutes per Blueprint Family / Blueprint Review 1. Akraino Network Cloud Blueprint Family - Reference Architecture - Kandan Kathirvel <ol style="list-style-type: none"> 1. Rover and Unicycle Blueprint Proposal for Addition to Network Cloud Blueprint Family 2. SDN Enabled Broadband Access (SEBA) for Network Cloud Blueprint Family 3. Serverless Blueprint Proposal for Addition to Network Cloud Blueprint Family 2. Integrated Edge Cloud (IEC) for Network Cloud Blueprint Family- Tina Tsou 3. Akraino Network Cloud and TF Integration blueprint proposal - Sukhdev Kapur 4. Edge Video Processing blueprint proposal - Prakash Siva 5. Enterprise Lightweight IoT (Eliot) blueprint family proposal - Wenjing Chu
12:00pm - 1:00pm	Lunch (provided)
1:00pm - 3:00pm	Blueprint Reviews by TSC - 30 minutes per Blueprint Family / Blueprint Review 1. StarlingX Far Edge Distributed Cloud - Jim Einarsson 2. Micro-MEC - Tapio Tallgren / Gerry Winsor 3. RAN Edge Cloud blueprint proposal - Tapio Tallgren / Gerry Winsor, Kandan Kathirvel 4. Kubernetes-Native Infrastructure for Edge (KNI-E) - Frank Zdarsky
3:00pm - 3:15pm	Coffee Break
3:15pm - 4:00pm	Akraino Edge Stack Feature Projects <ul style="list-style-type: none"> • Cluster Health & Overload Monitoring Platform (CHOMP) Feature Project • TBD • TBD
4:00pm - 4:30pm	Release 1 Dependency Review and Date Planning
4:30pm - 5:30pm	TSC Voting Approvals on Blueprint Candidates for Release 1
5:00pm - 5:30pm	Summary for Day 1- TSC Chair and Co-Chair Recap Day 1 and Plan for Day 2 - TSC Chair and Co-Chair

Akraino TSC F2F Meeting Agenda – Day 2

Time	Topics
8:30am - 9:00am	Registration and Coffee
9:00am - 10:30am	<p>Akraino Community and Validation Lab Logistics</p> <ul style="list-style-type: none"> •Build plan - Andrew Grimberg •Budget review - Phil Robb •Bill of material review - Kandan Kathirvel, Tina Tsou •Lab hardware donations - Wenjing, Tapio, Jasmin, Tina •Lab management - Cesar Berho (Blueprint Validation Lab Sub-Committee Chair) •Lab engagement process - Cesar Berho
10:30am - 10:45am	Break
10:45am - 12:00pm	<p>Release Logistics Work items by TSC Work items by Sub-committee:</p> <ul style="list-style-type: none"> •Process - Jim Einarsson •Blueprint validation lab - Cesar Berho •Upstream - Wenjing Chu •API - Rep until chair selected (Kandan & Tina) •Community - Tapio Tallgren •Security - Rep until chair selected (Kandan & Tina) •Documentation - Rep until chair selected (Kandan & Tina)
12:00pm - 1:00pm	Lunch
1:00pm - 2:00pm	<p>CI logistics</p> <ul style="list-style-type: none"> •List of projects already in Akraino Gerrit - Bob Eby •PTL election process for blueprint and feature projects - TSC •Development branch vs. master branch
2:00pm - 3:00pm	<p>Release schedule planning - TSC</p> <ul style="list-style-type: none"> •Discussion on blueprint acceptance criteria into a release •Discussion on feature project acceptance criteria into a release
3:00pm - 4:00pm	Action Item Review - TSC Chair and Co-Chair
4:00pm - 5:00pm	Open Discussion

Akraino Sub-Committees

› These TSC Sub-Committees have been established to provide expert guidance in technical subject areas

Sub-Committee	Chair	Accomplishments	Next Steps
Process, Project review and recommend, documentation	Jim Einarsson	<ul style="list-style-type: none"> • Jim Einarsson elected as chair on 11/14 • Established credentials to book meetings. • Blueprint templates have been finalized and saved to the web site. 	<ul style="list-style-type: none"> • Scheduling a meeting Thursday or Friday to review blueprint and project proposals prior to F2F meeting.
Community	Tapio Tallgren	<ul style="list-style-type: none"> • Tapio Tallgren elected as chair on 11/26 	
Upstream	Wenjing Chu	<ul style="list-style-type: none"> • Wenjing Chu elected as chair on 11/14 	<ul style="list-style-type: none"> • Review blueprint and project proposals prior to F2F meeting to identify upstream communities that could be in-scope for release 1.
CI & Blueprint Verification Lab	Cesar Berho	<ul style="list-style-type: none"> • Cesar Berho elected as chair on 11/13 • Re-named sub-committee to 'Blueprint Validation Lab, documentation sub-committee' 	<ul style="list-style-type: none"> • Review and update Akraino Lab IT Requirements for 2019 Budget
Documentation	TBD	<ul style="list-style-type: none"> • Tina sent a follow up request for participation on 11/27 	
Security	TBD	<ul style="list-style-type: none"> • Kickoff scheduled for 12/3 	
API	TBD	<ul style="list-style-type: none"> • Kickoff to be scheduled after the TSC F2F meeting 	

Akraino Blueprint Proposals

- › In addition to the blueprint and project proposals that have been posted to the Akraino wiki, the TSC will need to consider the following when reviewing each proposal:

When requesting the creation or modification of an Akraino Blueprint, requestors should demonstrate the following aspects to the TSC:

Criteria

Each initial blueprint is encouraged to take on at least two Committers from different companies

Complete all templates outlined in this document

A lab with exact configuration required by the blueprint to connect with Akraino CI and demonstrate CD. User should demonstrate either an existing lab or the funding and commitment to build the needed configuration.

Blueprint is aligned with the Akraino Edge Stack Charter

Blueprint code that will be developed and used with Akraino repository should use only Open Source software components either from upstream or Akraino projects.

For new blueprints submission, the submitter should review existing blueprints and ensure it is not a duplicate blueprint and explain how the submission differs. The functional fit of an existing blueprint for a use case does not prevent an additional blueprint being submitted.

The TSC will need to conduct an incubation review to officially launch the project and to support its needs until project Termination Review. The following artifacts are expected:

Criteria

Name of the project is appropriate (no trademark issues etc.); Proposed repository name is all lower-case without any special characters

Project contact name, company and email are defined and documented

Description of the project goal and its purpose are defined

Scope and project plan are well defined

Resources committed and available

Contributors identified

Initial list of committers identified (elected/proposed by initial contributors)

Meets Akraino TSC Policies

Proposal has been socialized with potentially interested or affected projects and/or parties

Cross Project Dependencies (XPDs). In the case where a project will require changes in other projects, those projects are listed in the proposal, and a sponsoring developer in the project has been identified

Tools have been identified and discussed with relevant partners (Linux Foundation, IT). Once the project passes the review, the tools chain must be created within one week. Tools encompass Configuration Management, CI/CD, Code Review, Testing, Team Wiki, End Users documentation (not exhaustive)



Blueprint Review: Integrated Edge

- › These TSC Sub-Committees have been established to provide expert guidance in technical subject areas

For More Information, Please
Visit www.akraino.org

