

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

April 18th, 2019



TSC Voting Member Roll Call

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Agenda

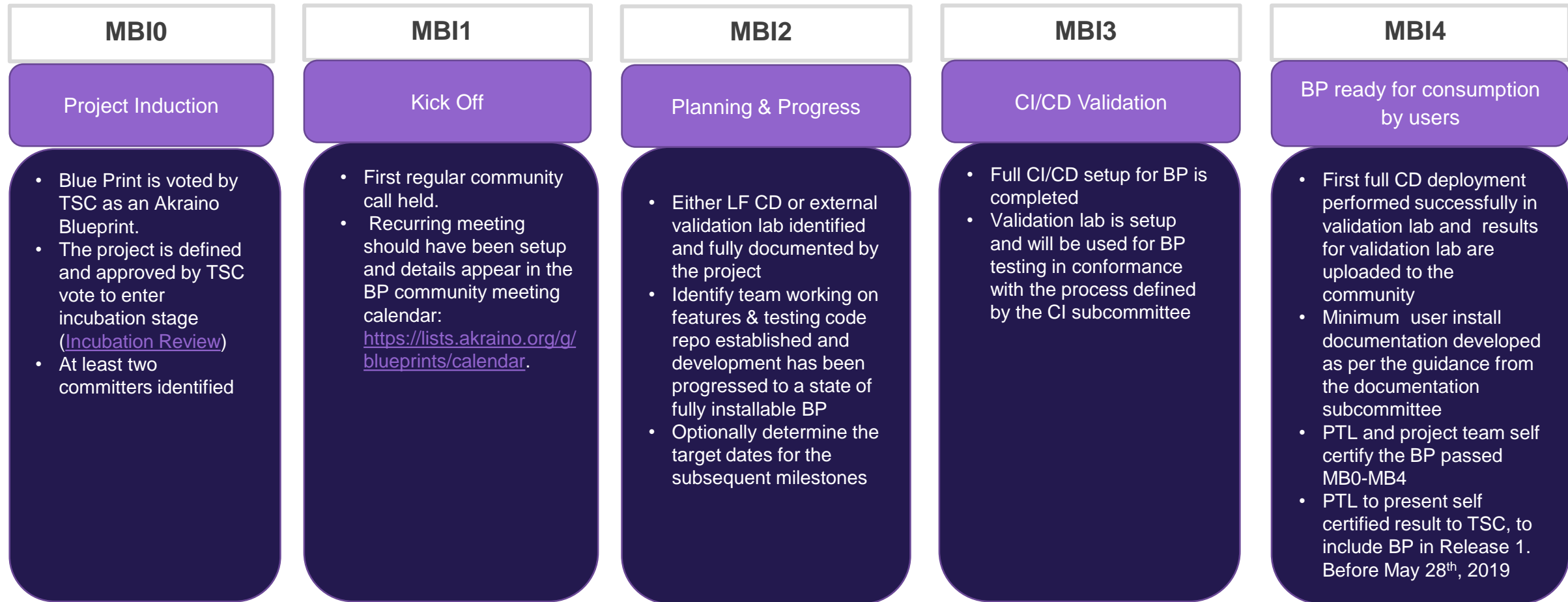
- › Connected Vehicle PTL Election
- › Release 1 Milestones Voting
- › TSC Voting Decisions
 - › Vote #1: Production Deployable TCD Clarification
 - › Vote #2: Graduation
 - › Vote #3: Layer Based Graduation Testing
- › LF Tool Overview
- › Sub-Committee Update

Connected Vehicle Blueprint PTL

- › On April 17th, Robert Qiu officially elected to be the project technical lead.
- › <https://wiki.akraino.org/display/AK/Team+Members>

Release 1 Milestones Voting ([wiki link](#))

- Simplified Milestone names reflecting the Intent
- Reduced the number of Milestones



TSC Voting Decisions

- (1) Clarification of “production grade” in Akraino mission statement
- Adopt (2) the Mature and Core graduation process and criteria proposal which includes (3) the mandatory testing and reporting of a BP’s major layers as defined by the Akraino Validation Framework FP.

Production Deployable TCD Clarification

Vote #1



To postpend with “*The Akraino community defines a BP as ‘production deployable’ after it has graduated to the level of ‘Mature’ or ‘Core’*”.

- TCD currently states as it’s mission “1. *Create end to end configuration for a particular Edge Use case which is complete, tested and production deployable meeting the use case characteristics {Integration Projects - Blueprints}.*”

Notes:

- In all cases graduation is ratified based on TSC voting
- The process sub-committee is proposing detailed criteria for these graduations reviews (see proposals 2 and 3)

Graduation

Vote #2



To adopt the proposal for Mature and Core graduation processes and criteria

- The process sub-committee has proposed the detailed process and objective criteria for graduation to Mature and then Core
- Presented at April 2019 F2F and fully described here
<https://wiki.akraino.org/display/AK/BP+Graduation+Review+Processes+and+Criteria+Proposal>

Layer Based Graduation Testing

Vote #3



To adopt mandatory layer based testing as defined by the Validation Framework Project (which forms part of the graduation process)

- As part of the graduation process sets of automated functional and security testing are defined for the BPs' major HW/SW stack layers
- The test tools and test sets are being defined and implemented by the Akraino Blueprint Validation Framework feature project (subject to TSC agreement)
<https://wiki.akraino.org/display/AK/Akraino+Blueprint+Validation+Framework>
- These layer tests and the use of the defined tools are mandatory and form part of the TSC graduation assessment. Note: Only the layers or functional components deployed by a BP are covered by the mandatory testing (e.g. if a given BP does not deploy OpenStack then the OS test set would not be mandated)

LF Tool Overview

- › Eric Ball, Linux Foundation



Sub-Committee Updates

Sub-Committee	Chair	Notes:
Upstream	Wenjing Chu	
Process	Andrew Wilkinson	
CI and Blueprint Validation Lab	Cesar Berho	
Community	Tapio Tallgren	
Documentation	Sujata Tibrewala	
Security	Ken Yi	