2022 year

The most recent review (the latest one) can be found at the bottom of this page.

The review booking and schedule is per 30min slot and has the following structure:

Month/Day/Year Schedule Review

Time slot 1) 07:00 - 07:30am PDT **+ BPs Title + PTL Name + the Link to the Rel "X" Documentation**

Time slot 2) 07:30 - 08:00am PDT **+ BPs Title + PTL Name + the Link to the Rel "X" Documentation**

Summary Table to Akraino TSC for BP (Integration Projects) Review status for 2022

Nr	Akraino BP Title	BP's PTL Name	Review Date	Release /BP Maturity Graduation	Link to submitted BP's Documentation Templates	Documentation Sub-committee Recommendation to TSC (Approve/ Not Approve)	Comments/Remarks
1	The AI Edge: Federated ML application at edge	@Enzo Zhang (@ haihui wang on behalf of PTL)	Jan. 4th, 2022	Maturity Review Certification of Federated ML Application At Edge Blueprint request to Mature level	R5 Federated ML application at edge Documentation)	**Approve**	As the BP had fulfilled the requirements for Documentation submission for Akraino Rel. 5 (R5 Federated ML application at edge Documentation), it is recommended to Akraino TSC to deem the maturity requirements for Documentation to "Mature" level as fulfilled and accept the BP graduation request to "Mature" level. **Submitted Documents for Rel. 5 are well structured & written.**
2	Robot basic architecture based on SSES,	PTL @Fu kano Haruhisa	Jan 30th, 2022	Already part of Akraino Rel. 5	Robot basic architecture based on SSES,	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
3	Smart Data Transaction for CP	Colin Peters, PTL for the Smart Data Transaction for CPS Blueprint	March 15th, 2022	Akraino Rel. 6	Smart Data Transaction for CPS Release6 Documentation	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
4	PCEI Release 6 Documentation	Oleg Berzin	April 22nd, 2022	Akraino Rel 6	PCEI Release 6 Documentation	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
5	Integrated Cloud Native NFV/App stack family (Short term: ICN)	Kuralamu dhan Ramakris hnan	May 8th, 2022	Akraino Rel. 6	ICN R6 Release	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
6	Enterprise Applications on Lightweight 5G Telco Edge	Gaurav Agrawal	May 8th, 2022	Akraino Rel. 6	Release 6 Documentation - Enterprise Applications on Lightweight 5G Telco Edge	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
7	ELIOT R6 IoT Gateway Blueprint Documentation	khemend ra kumar	May 8th, 2022	Akraino Rel. 6	ELIOT R6 IoT Gateway Blueprint Documentation	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
8	**IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family**	Davy Zhang	May 13th, 2022	Akraino Rel. 6	**Release 6 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge**	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*

9	**IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family**	jin peng	May 22nd, 2022	Akraino Rel. 6	**Release 6 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family**	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
10	**Smart Cities**	Olivier Bernard	July 9th, 2022	Akraino Rel. 6	Smart Cities R6 Documentation	**Approve**	Maturity review (Incubation=>Mature) related APIs requirement is left to API Sub-committee. Rel. 6 Documentation had been used as a reference. *As part of the indicated in the Maturity review process to provide recommendation on the Graduation, as* there is made reference on several occasions (Architecture & Release notes) that "the basic requirements of smart cities are considered", but this requirements and reference to them are missing as well as "Smart Edge" both, Architecture diagram and reference to it are also missing. It is hereby recomended to the BP PTL & members to complement their Documentation with the respective references and information.
11	Robot basic architecture based on SSES	Fukano Haruhisa	Dec. 12th, 2022	Akraino Rel. 7	Robot basic architecture based on SSES Release7 Documentation	**Approve**	*It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.*
12	Smart Data Transaction for CPS	Colin Peters	Dec. 27, 2022	Akraino Rel. 7	Smart Data Transaction for CPS Release7 Documentation	**Approve**	As the BP had fulfilled the requirements for submitting the Documentation set of templates for submission for Akraino Rel. 7, it is recommended to Akraino TSC to deem the Documentation as "approved" and accept it.

1/4/2022 schedule

1/ 7:00 am – 7:30 am BP The AI Edge: Federated ML application at edge, PTL @Enzo Zhang (@haihui wang on behalf of PTL) Maturity Review Certification of Federated ML Application At Edge Blueprint request to Mature level

Summary: As the BP had fulfilled the requirements for Documentation submission for Akraino Rel. 5 (R5 Federated ML application at edge Documentation), it is recommended to Akraino TSC to deem the maturity requirements for Documentation to "mature" level as fulfilled and accept the BP graduation request to "Mature" level.

2/7:30am – 8:00 am -

2/4/2022 schedule

1/ 7:00 am – 7:30 am BP Robot basic architecture based on SSES, PTL Fukano Haruhisa Request to review architecture document.

Robot_based_on...e_document.pdf

Review Summary:

As the submited Fujitsu BP Architecture document on Robot-based SSES, explicitly refers to be a part and as such follows the Specifications and Framework from:

1: The SIP (Strategic Innovation Promotion) Program in Japan, that is a Cross-Ministerial National Program led by the Council for Science, Technology and Innovation (CSTI) of the Japanese Government with interdisciplinary Management to realize Scientific and Technological Innovation, also with the participation of the Japanese SDOs, namely, ARIB and TTC and

2. implements the Ritsumeikan University's SSES (Sensor-rich Soft End effector System, please see attached as a reference the paper:

Ritsumeikan University SSES Cyber Physical System Considering Physical Contacts in Robotic Manipulation for Improving Automation in Food Industry

RITSUM~1.PDF

from Dec 2021).

It is recommended to Akraino TSC to deem the submitted Architecture document as "approved" and accept it.

Remarks:
It is recommended to the authors of the Architecture document to consider whether it might be useful to add in the Architecture document a ToC (Table of Contents) so that the recipient/reader of the Architecture Document may quickly have an overview of the Architecture Document contents, e.g. that the API's is n/a as indicated on p. 11, Section 6 and/or page 3, Section 2 about UCs and/or on page 9, Section 5 about the SW Platform Architecure....are couple of examples.
This remark shall be treated by the authors of the Architecture Document as "optional" and be subject to their discretion to accept or reject it.

2/11/2022 schedule

1/ 7:00 am – 7:30 am BP Robot basic architecture based on SSES, PTL Fukano Haruhisa Request to review Installation guide and Test document.

Robot_based_on...ument_main.pdf

Robot_based_on_...ent_Exhibit.pdf

Robot_based_on...t_document.pdf

3/11/2022 Schedule Review

Time slot 1) 07:00 - 07:30am PDT: **Smart Data Transaction for CPS**, PTL Colin Peters Request review of Blueprint documentation for release 6 release: Smart Data Transaction for CPS Release6 Documentation

This review may run over 30 mins so I am requesting the second slot 07:30 - 08:00am PDT as well

4/8/2022 Schedule

1/ 8:00 am – 8:30 am(PDT) BP Robot basic architecture based on SSES, PTL Fukano Haruhisa Request to review One pager and release note.

Robot basic architecture based on SSES One Pager - Akraino - Akraino Confluence

Robot basic architecture based on SSES Release Notes - Akraino - Akraino Confluence

Review Summary: The BP documentation for Rel 6 was performed via e-mail.

Remarks: There is something wrong with the content of the document, with signs that probably reflect Japanese language. The document in its present format (*.doc) is unreadable. It is recommended to convert the document into *.pdf and saved so that it can be read in English language.

4/15/2022 Schedule

07:00 - 08:00am PDT time BP Smart Data Transaction for CPS PTL Colin Peters, Request for review Smart Data Transaction for CPS Release6 Documentation

Review Summary: The "standard soecified Documentation Sub-committee time" was changed due to the time difference to the local time in Japan. Therein, thanks to Kendall W. P. there as booked a new time, that was "custom-based" and convenient to the participants. In addition to the PTL, Colin P. Inoue Reo was also present. The PTL expressed his concern whether "One pager" Datasheet exceeding "one page" requested format was an issue, but he was informed that "one page" requirement is "indicative" and not "mandatory" in purpose. The main purpose is to provide the needed information that can facilitate the reader to understand the BP Solution.

All document are thorough and well prepared. There were some minor remarks, that the PTL acknowledged to be finding as "useful".

It is recommended to the TSC to deem the prepared for Rel 6 Documentation as "approved" and accept it.

4/22/2022 Schedule

1) 07:00 - 07:30am BP Public Cloud Edge Interface (PCEI) Blueprint Family , PTL Oleg Berzin Request for Review PCEI Rel 6 Documentation: PCEI Release 6 Documentation

Review Summary: The BP documentation for Rel 6 was performed via e-mail. The assessment of the review is that it is thorough and well prepared. in the "Architecture document, there is presented not only the Rel 6 adding related to mapping PCEI Functionalityto ETSI MEC Platform Functional nodes, but also previous Releases (as e.g. Rel. 4, & Rel. 5 Architecture configurations, that enables the reader to follow the BP's Architecture evolvement between the Releases. On the APIs, there is added the APIs to support Ansible.

It is recommended to Akraino TSC to deem the BP PCEI submitted documentation for Rel. 6 as approved and accept it.

5/06/2022 Schedule

Time slot 1) 07:00 - 07:30am PDT,5/6/2022 **+**IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family **+ PTL @Davy Zhang +** *Request maturity review of Blueprint documentation for IEC TYPE3 release 6 release:* Release 6 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge - Akraino - Akraino Confluence
Time slot 2)07:30 - 08:00 am

The document link for Release 6 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge.

Architecture :

Release 6 Architecture Document of IEC Type 3: Android cloud native applications on Arm servers in edge - Akraino - Akraino Confluence

Datasheet:

Release 6 Datasheet of IEC Type 3: Android cloud native applications on Arm servers in edge - Akraino - Akraino Confluence

Installation:

Release 6 Installation Document of IEC Type 3: Android cloud native applications on Arm servers in edge - Akraino - Akraino Confluence

Release Notes:

Release 6 Release Notes of IEC Type 3: Android cloud native applications on Arm servers in edge - Akraino - Akraino Confluence

Test Document:

Release 6 Test Document of IEC Type 3: Android cloud native applications on Arm servers in edge - Akraino - Akraino Confluence

API:

https://wiki.akraino.org/download/attachments/28973389/Akraino_API_Info_IEC%20Type%203%20Android%20cloud%20native%20applications%20on%20Arm%20servers%20in%20edge%20for%20Integrated%20Edge%20Cloud%20%28IEC%29%20Blueprint%20Family-20220428.xlsx?api=v2

5/08/2022 Schedule

Time slot 1) 07:00 - 07:30am PDT   BP *Integrated Cloud Native NFV/App stack family (Short term: ICN)* Documentation ICN R6 Release**,** **PTL** Kuralamu dhan Ramakrishnan

Review Summary: The BP ICN documentation for Rel 6 was performed via e-mail. The assessment of the review is that the Documentation is well prepared.The PTL was supplied with a remark related to the EMCO abbreviation as used in the BP.
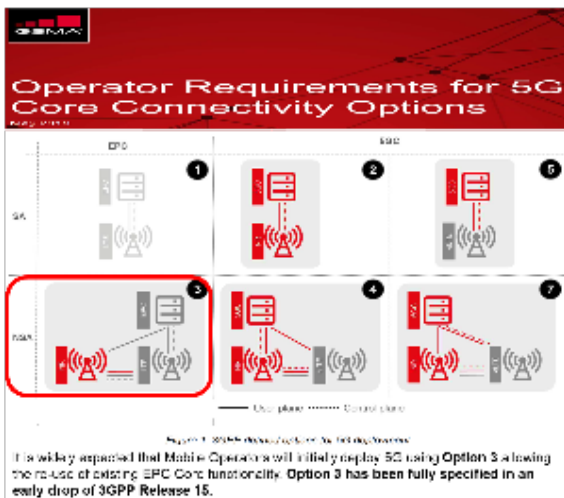
It is recommended to Akraino TSC to deem the BP ICN submitted documentation for Rel. 6 as approved and accept it.

Time slot 2)07:30 - 09:30 am

1. BP **Enterprise Applications on Lightweight 5G Telco Edge** **PTL Gaurav Agrawal** **Doc for Akraino Rel. 6** **Release 6 Documentation - Enterprise Applications on Lightweight 5G Telco Edge**
2. BP **ELIOT R6 IoT Gateway Blueprint Documentation** **PTL khemendra kumar** **Doc for Akraino Rel 6** **ELIOT R6 IoT Gateway Blueprint Documentation**

Review Summary for both BPs:

1. In EALTE BP, I suggest you to elaborate on which "5G" configuration (with ref to 3GPP/GSMA Option 1-7) that you support in order to enable the reader /user with respect to which QoS Service Requirements are applied (whether it is QCI or 5QI).

It is widely expected that Mobile Operators will initially deploy 5G using Option 3 allowing the re-use of existing EPC Core functionality. Option 3 has been fully specified in an early drop of 3GPP Release 15.

2. With respect to ELIOT BP, as indicated in the Documentation, the BP supports the "legacy" IoT Standard OPC UA specification aka IEC 62 541 standard (as also seen in the specification, there is lack for Charging & Mediation part/section implementation in this standard). It is suggested to elaborate whether the BP has any support (e.g. in the Roadmap) for SME (Small & Medium Enterprises) foreseen in the 3GPP specifications for CIoT related to MA (Multi-access support, for Cellular, Fixed/PSTN/Wi-Fi/Bluetooth) for PINs (Personal IoT Networks) and support for NR Light 5G Terminals specifically designed for eMBB, URLLC and mIoT UCs with enhancements for IoT PSM & DRX, TAUs (battery savings).

It is recommended to Akraino TSC to deem both BPs, EALTE & ELIOT GW submitted documentation for Rel. 6 as approved and accept it.

5/13/2022 Schedule

Time slot 1) 07:00 - 07:30am PDT IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family **+ PTL @Davy Zhang,** Release 6 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge - Akraino - Akraino Confluence

Review Summary:

All requested Document templates are submitted and thoroughly prepared. The (one page Data sheet) as well as Architecture document provides information about the BP's objective, platform/framework, Application and UC (Use Case). In the Architecture documents, it is elaborated that APIs are n/a.

It is recommended to Akraino TSC to deem IEC Type 3 Android Cloud Native Applications on Arm Servers in Edge ofr IEC BP Familiy submitted documentation for Rel. 6 as approved and accept it.

7/09/2022 Schedule

Time slot 1) 07:00 - 07:30am PDT BP Smart Cities *+PTL* Olivier Bernard *,* Smart Cities Rel 6 Documentation

Review Summary:

The review is performed over e-mail. Maturity review (Incubation=>Mature) related APIs requirement is left to API Sub-committee. Rel. 6 Documentation had been used as a reference.Tthere had been made reference on several occasions (Architecture & Release notes) that "the basic requirements of smart cities are considered", but this requirements and reference to them are missing as well as "Smart Edge" both, Architecture diagram and reference to it are also missing. It is hereby recomended to the BP PTL & members to complement their Documentation with the respective references and information.

It is recommended to Akraino TSC to deem the submitted BP documents as "approved" and accept it.

02/10/2023 Schedule

*Time slot 1) 07:00 - 07:30am PDT **+ BP** **CFN (Computing Force Network) Ubiquitous Computing Force Scheduling - Akraino - Akraino Confluence + PTL** **hanyu ding** **+ Release 7 Documentation - Akraino - Akraino Confluence** (PTL has already sent the review email to documentation sub-committee)*