

# CI, Blueprint Validation Lab sub-committee

CI and Blueprint Validation Lab, Sub-committee: Further establish process, document and CI process to allow developers to get started

**Cesar Berho has given up his tenure as Sub-Committee Chair as of 7/19/2019. New Sub-Committee Chair / Co-Chair Election Process is on-going per procedures in Section 4.6.1 of Akraino Technical Community Document. Chair / Co-Chair Election will be completed by 8/26/2019.**

Sub-Committee Chair: Peter Pouliot, Ampere Computing. Elected on 8/29/2019

Sub-Committee Co-Chair: Robert Qiu, Tencent. Approved by TSC on 10/03/2019

**Please join the CI Sub-Committee mail list by self-adding within the [Akraino Mail List Sub-Groups](#) page.**

Note: Please ensure that both the name and email address for each member is listed on each sub-committee membership wiki page in order to properly set up CIVS voting when required.

Interested parties sign up:

| Name              | Affiliation              | Email                                                                                            | LF ID                                      | Self Nominate for Chair (Y/N) | Self Nominate for Co-Chair (Y/N) |
|-------------------|--------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------|----------------------------------|
| Tina Tsou         | Arm                      | <a href="mailto:tina.tsou@arm.com">tina.tsou@arm.com</a>                                         | <a href="#">Tina Tsou</a>                  | N                             | N                                |
| Mika Rautakumpu   | Nokia                    | <a href="mailto:mika.rautakumpu@nokia.com">mika.rautakumpu@nokia.com</a>                         | <a href="#">Mika Rautakumpu</a>            |                               |                                  |
| Frank Zdarsky     | Red Hat                  | <a href="mailto:fzdarsky@redhat.com">fzdarsky@redhat.com</a>                                     | <a href="#">Frank Zdarsky</a>              |                               |                                  |
| Cesar Berho       | Intel                    | <a href="mailto:cesar.berho@intel.com">cesar.berho@intel.com</a>                                 | <a href="#">Cesar Berho</a>                |                               |                                  |
| Qasim Arham       | Juniper                  | <a href="mailto:qarham@juniper.net">qarham@juniper.net</a>                                       | <a href="#">Qasim Arham</a>                |                               |                                  |
| Andrew Wilkinson  | Ericsson                 | <a href="mailto:andrew.wilkinson@ericsson.com">andrew.wilkinson@ericsson.com</a>                 | <a href="#">Andrew Wilkinson</a>           |                               |                                  |
| Sukhdev Kapur     | Juniper                  | <a href="mailto:sukhdev@juniper.net">sukhdev@juniper.net</a>                                     | <a href="#">Sukhdev Kapur</a>              |                               |                                  |
| Mark Ellison      | Independent              | <a href="mailto:mark@ellisonsoftware.com">mark@ellisonsoftware.com</a>                           | <a href="#">Mark Ellison</a>               |                               |                                  |
| Wenhui            | Bytedance and Penn State | <a href="mailto:wenhui.zhang@bytedance.com">wenhui.zhang@bytedance.com</a>                       | <a href="#">Wenhui Zhang</a>               |                               |                                  |
| Kandan Kathirvel  | AT&T                     | <a href="mailto:kk0563@att.com">kk0563@att.com</a>                                               | <a href="#">Kandan Kathirvel</a>           |                               |                                  |
| Robert Eby        | AT&T                     | <a href="mailto:re2429@att.com">re2429@att.com</a>                                               | <a href="#">Robert Eby</a>                 |                               |                                  |
| Yong Xin          | Radisys                  | <a href="mailto:yong.xin@radisys.com">yong.xin@radisys.com</a>                                   | <a href="#">Yong Xin</a>                   |                               |                                  |
| Ryota Ishibashi   | NTT                      | <a href="mailto:ryota.ishibashi.xy@hco.ntt.co.jp">ryota.ishibashi.xy@hco.ntt.co.jp</a>           | <a href="#">Ryota Ishibashi</a>            |                               |                                  |
| Hiroshi Yamamoto  | NTT                      | <a href="mailto:hiroshi.yamamoto.pz@hco.ntt.co.jp">hiroshi.yamamoto.pz@hco.ntt.co.jp</a>         | <a href="#">Hiroshi Yamamoto</a>           |                               |                                  |
| Bob Monkman       | Intel                    | <a href="mailto:bob.monkman@intel.com">bob.monkman@intel.com</a>                                 | <a href="#">Bob Monkman</a>                |                               |                                  |
| Yang (Gabriel) Yu | Huawei                   | <a href="mailto:gabriel.yuyang@huawei.com">gabriel.yuyang@huawei.com</a>                         | <a href="#">Yang (Gabriel) Yu</a>          |                               |                                  |
| Fabian Salamanca  | Intel                    | <a href="mailto:fabianx.salamanca.dominguez@intel.com">fabianx.salamanca.dominguez@intel.com</a> | <a href="#">Fabian Salamanca Dominguez</a> |                               |                                  |
| Robert Qiu        | Tencent                  | <a href="mailto:robertqiu@tencent.com">robertqiu@tencent.com</a>                                 | <a href="#">xin qiu</a>                    | Y                             | Y                                |
| Sukhdev Kapur     | Juniper Networks         | <a href="mailto:sukhdev@juniper.net">sukhdev@juniper.net</a>                                     | <a href="#">Sukhdev Kapur</a>              |                               |                                  |
| Peter Pouliot     | Ampere Computing         | <a href="mailto:ppouliot@amperecomputing.com">ppouliot@amperecomputing.com</a>                   | <a href="#">Peter Pouliot</a>              | Y                             |                                  |

Meeting Content (agenda/ minutes / recording / slides / other):

## Previous Meetings

- **AGENDA - 11/05/2019 - CI BluePrint Validation SubCommittee - Meeting**

### Lab Status

- Community Lab Updates from Lincoln Lavoie

### Release 2 BluePrint CI Planning

- [AI/ML and AR/VR applications at Edge](#) CI Discussion
- [KNI Provider access edge](#) CI Discussion.

- **AGENDA - 10/29/2019 - CI BluePrint Validation SubCommittee - Meeting**

**Lab Status**

- Community Lab Updates from Lincoln Lavoie

**Release 2 BluePrint CI Planning**

- [ELIOT SD-WAN/WAN Edge/uCPE Blueprint](#) CI Discussion
- [Network Cloud and TF Integration Project](#) CI Discussion.

- **10/22/2019 - CI BluePrint Validation SubCommittee - Meeting**

**Lab Status**

- Community Lab Updates from Lincoln Lavoie

**Release 2 BluePrint CI Planning**

- [ELIOT AIoT in Smart Office Blueprint](#) CI Discussion
- [ELIOT IoT Gateway Blueprint](#) CI Discussion.

- **10/15/2019 - CI BluePrint Validation SubCommittee - Meeting**

**Lab Status**

- Community Lab Updates from Lincoln Lavoie

**Release 2 BluePrint CI Planning**

- [SDN Enabled Broadband Access \(SEBA\) for Telco Appliance Blueprint Family](#) CI Discussion
- [ICN - Integrated Cloud-Native Family](#) CI Discussion.

- **10/08/2019 - CI BluePrint Validation SubCommittee - Meeting**

**Lab Status**

- Community Lab Updates from Lincoln Lavoie

**Release 2 BluePrint CI Planning**

- [IEC Type 2 for Integrated Edge Cloud \(IEC\) Blueprint Family](#) CI Discussion
- [IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud \(IEC\) Blueprint Family](#) CI Discussion.

- **10/01/2019 - CI BluePrint Validation SubCommittee - Meeting**

**Lab Status**

- Community Lab Updates from Lincoln Lavoie
- Discuss lab scheduling and presenting to TSC

**Release 2 BluePrint CI Planning**

- [Micro-MEC](#) CI Discussion
- [Radio Edge Cloud \(REC\)](#) CI Discussion.

- **9/24/2019 - CI BluePrint Validation SubCommittee - Meeting Notes**

**Lab Status: Ampere Hardware**

- 3 Servers were received by UNH
- Servers are currently racked.
- Cables were received today, and server will be finished cabling by end of day 9/24/2019.
- Centos 7.6 AARCH64 will be installed on the Ampere equipment.
- Servers should be ready by end of day 9/26/2019
- Were able to get Sonic installed on the EdgeCore switches however they ran into a problem

**Release 2 BluePrint CI Planning**

- **Connected Vehicle BluePrint CI Discussion**

- Work with Lincoln's team to get named user list for vpn access to ampere equipment once equipment has finished being provisioned.

**Release 2 BluePrint CI Planning**

- **IEC Type 1 for Integrated Edge Cloud (IEC) BluePrint Family CI Discussion**

- Requirement 10G networking
- Will supply url to presentation with remaining HW requirements.

- **9/17/2019 - CI BluePrint Validation SubCommittee - Meeting Notes**

**Lab Status**

- Hardware Requested and 3 Servers shipped from Ampere to UNH Interop Lab
- Server should arrive at lab by 09/18/2019
- Estimated that servers will be operational by CI meeting on 9/24

**Discuss adding a Ci SubCommittee co-chair**

- Meeting participates unamanously agreed on adding Robert Qiu who is responsible for APAC blueprint validation lab setup as co-chair to the CI Subcommittee.
- Follow up sent by Peter to Deepak for procedures to verify co-chair

**Release 2 Planning**

- Schedule time with each R2 blueprint PTL to discuss CI requirements.
- Information gathering exercise for the purpose of planning, scheduling, and ensuring adequate resources are available.
- Schedule discussed at Tuesday TSC Meeting
- Schedule:

**R2 BluePrint CI Presentation Schedule**

| Project Name                                                                                                                   | CI Meeting Presentation Slot |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Connected Vehicle Blueprint<br>xin qiu                                                                                         | 09/24/2019                   |
| IEC Type 1 for Integrated Edge Cloud (IEC) Blueprint Family<br>Trevor Tao Cristina Pauna                                       | 09/24/2019                   |
| IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family<br>xinhuili Cristina Pauna                                         | 10/08/2019                   |
| IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family<br>Wen-Ping Ying Wenhui Zhang Tina Tsou | 10/08/2019                   |
| Micro-MEC<br>Tapio Tallgren                                                                                                    | 10/01/2019                   |
| Radio Edge Cloud (REC)<br>Paul Carver                                                                                          | 10/01/2019                   |
| SDN Enabled Broadband Access (SEBA) for Telco Appliance Blueprint Family<br>Aaron Byrd                                         | 10/15/2019                   |
| ICN - Integrated Cloud-Native Family<br>Kuralamudhan Ramakrishnan                                                              | 10/15/2019                   |
| ELIOT AIoT in Smart Office Blueprint<br>Guoxu (Jeremy) Liu                                                                     | 10/22/2019                   |
| ELIOT IoT Gateway Blueprint<br>khemendra kumar                                                                                 | 10/22/20190                  |

|                                                           |            |
|-----------------------------------------------------------|------------|
| ELIOT SD-WAN/WAN Edge/uCPE Blueprint<br>khemendra kumar   | 10/29/2019 |
| Network Cloud and TF Integration Project<br>Sukhdev Kapur | 10/29/2019 |
| AI/ML and AR/VR applications at Edge<br>Vikram Siwach     | 11/05/2019 |
| KNI Provider access edge<br>Yolanda Robla Mota            | 11/05/2019 |

- **9/10/2019 - CI BluePrint Validation SubCommittee - Meeting Notes**

#### Lab Status

- Community lab is currently operational, with 4 "Pods"
- 1. ThunderX2 Pod #1 - SEBA (Telco Appliance)
- 2. ThunderX2 Pod #2 - REC (Telco Appliance)
- 3. Unicycle Pod - Unicycle (Network Cloud)
- 4. Intel Pod - KNI
- KNI usage of the Intel Pod is the newest coming online, as there were no objections during our CI meeting to the usage of the pod for the plugfest. We'll work on setting up the VPN accounts for this users this week. KNI proposal is documented here: <https://wiki.akraino.org/display/AK/Lab+Topology+Template+for+BluePrints>
- We are also working on getting a better supported NOS installed on to the Edgecore switches. Working between the either SONiC or using the native Broadcom OpenNSL (will require a little more work on our side to use that NOS).

#### Meeting Cadence and Times

- Peter to email Brett at the Linux Foundation for change of time in calendar - [bpreston@linuxfoundation.org](mailto:bpreston@linuxfoundation.org)
- Changing time to 6am PST Weekly Cadence
- Will reassess adjustment of cadence after release 2

#### Discuss adding a Ci SubCommittee co-chair

- Given the globally distributed nature of the project it would be good to have additional help across geographic regions.
- Suggestion: Robert Qiu who is responsible for APAC blueprint validation lab setup as co-chair

#### Release 2 Planning

- 10 blueprints presenting in 6 weeks
- Peter to create table with time schedule
- Blueprints:
- <https://wiki.akraino.org/display/AK/Release+2+Planning>

#### Hardware Request

- 3 Servers needed for blueprint testing
- Peter to request servers from Ampere for UNH Akraino Lab

- November 09, 2018 minutes / [recording](#) / slides
- Other meetings can be found on the [new section](#).