

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	tina.tsou@arm.com	Tina Tsou	N	N
Mika Rautakumpu	Nokia	mika.rautakumpu@nokia.com	Mika Rautakumpu		
Frank Zdarsky	Red Hat	fzdarsky@redhat.com	Frank Zdarsky		
Cesar Berho	Intel	cesar.berho@intel.com	Cesar Berho		
Qasim Arham	Juniper	qarham@juniper.net	Qasim Arham		
Andrew Wilkinson	Ericsson	andrew.wilkinson@ericsson.com	Andrew Wilkinson		
Sukhdev Kapur	Juniper	sukhdev@juniper.net	Sukhdev Kapur		
Mark Ellison	Independent	mark@ellisonsoftware.com	Mark Ellison		
Wenhui	Penn State	wuz49@ist.psu.edu	Wenhui Zhang		
Kandan Kathirvel	AT&T	kk0563@att.com	Kandan Kathirvel		
Robert Eby	AT&T	re2429@att.com	Robert Eby		
Yong Xin	Radisys	yong.xin@radisys.com	Yong Xin		
Ryota Ishibashi	NTT	ryota.ishibashi.xy@hco.ntt.co.jp	Ryota Ishibashi		
Hiroshi Yamamoto	NTT	hiroshi.yamamoto.pz@hco.ntt.co.jp	Hiroshi Yamamoto		
Bob Monkman	Intel	bob.monkman@intel.com	Bob Monkman		
Yang (Gabriel) Yu	Huawei	gabriel.yuyang@huawei.com	Yang (Gabriel) Yu		
Fabian Salamanca	Intel	fabianx.salamanca.dominguez@intel.com	Fabian Salamanca Dominguez		
Robert Qiu	Tencent	robertqiu@tencent.com	xin qiu	Y	Y
Sukhdev Kapur	Juniper Networks	sukhdev@juniper.net	Sukhdev Kapur		
Peter Pouliot	Ampere Computing	ppouliot@amperecomputing.com	Peter Pouliot	Y	

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

- **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.

• AGENDA - 10/22/2019 - CI BluePrint Validation SubCommittee - Meeting

Lab Status

- Community Lab Updates from Lincoln Lavoie

Release 2 BluePrint CI Planning

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

• AGENDA - 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.

• AGENDA - 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.

• AGENDA - 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 xin qiu	09/24/2019
IEC Type 1 for Integrated Edge Cloud (IEC) Blueprint Family Trevor Tao Cristina Pauna	09/24/2019
IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family xinhuii Cristina Pauna	10/08/2019
IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family Wen-Ping Ying Wenhui Zhang Tina Tsou	10/08/2019
Micro-MEC Tapio Tallgren	10/01/2019
Radio Edge Cloud (REC) Paul Carver	10/01/2019
SDN Enabled Broadband Access (SEBA) for Telco Appliance Blueprint Family Aaron Byrd	10/15/2019
ICN - Integrated Cloud-Native Family Kuralamudhan Ramakrishnan	10/15/2019
ELIOT AIoT in Smart Office Blueprint Guoxu (Jeremy) Liu	10/22/2019
ELIOT IoT Gateway Blueprint khemendra kumar	10/22/2019
ELIOT SD-WAN/WAN Edge/uCPE Blueprint khemendra kumar	10/29/2019

Network Cloud and TF Integration Project Sukhdev Kapur	10/29/2019
AI/ML and AR/VR applications at Edge Vikram Siwach	11/05/2019
KNI Provider access edge 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
- 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

Previous Meetings

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