

Meetings of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family

Meeting Details:

Akraino Edge Stack 2 is inviting you to a scheduled Zoom meeting.

Topic: IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family

Time: Mar 18, 2020 06:00 PM Pacific Time (US and Canada) Every week on Wed, until Feb 24, 2021, 50 occurrence(s)

Weekly: https://zoom.us/join/join?secret=98tyKuqhQDovGdyStV_HARQtA5X_bvH2lCdpp4pvsDDmJnJmclfwHbJLOLluA_mB

Join Zoom Meeting

<https://zoom.us/j/396153875>

Meeting ID: 396 153 875

Find your local number: <https://zoom.us/u/aExAN61F>

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

- March 18, 2020:
 - Repo: Xuan discuss with Trevor about IEC Type 5 repo.
 - POD: We decide to use community POD: [Ampere Pod 2](#)
 - SmartNic Card: Yongsu and Xuan discuss with Mallox and Broadcom about what kind of smartnic can be supported in this BP. And Mallox ,Broadcom and Intel provide SmartNic hardware resouces.
 - Learn about R3 release documentation.
- March 25, 2020:
- April 9, 2020:
 - Doc arrangement for R3 release: doc review is scheduled on May 13. the team has agreed to start doc writing.
 - Environment set up: Mellanox worried about ARM server. Tina suggest that UNH has arm server environment, and Mellanox can try to find helper to install the physical card and access remotely.
 - ARM environment can be found at: [Shared Community Lab](#)
 - CMCC will also help to check if CMCC lab can provide ARM server.
 - UPF acceleration: cmcc and facebook can hold a follow up meeting sharing their plan for this.
- April 16, 2020:
 - Doc arrangement:
 - China Mobile(Jia Xuan): [R3 Architecture Document of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#)
 - ByteDance and Mellanox: [R3 Installation Document of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#) and [R3 Test Document of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#)
 - Environment setup: We decide to use ByteDance environment.
 - ByteDance: Setup environment
 - Mellanox: Provide scripts and cards
 - There are documents for CICD: [Jenkins Guide](#) and [How to: Push Logs to Nexus](#)
 - China Mobile need to check environment in BeiJing International Information Data Center
- April 30,2020:
 - Time line
 - Release document : Submit draft doc in May 8th; Final version in May 14th; Document TSC review in May 15th [Xuan Jia Peng He](#)
 - Pull Code and CI/CD logs in May 15th. [Peng He](#)
 - Discuss R4 plan in May 25th [xiongchun duan](#) [Peng He](#) [Xuan Jia](#) [Qihui Zhao](#) [Tiejun Chen](#) [Tina Tsou](#)
 - China Mobile could provide 2 x86 machines for community. [Qihui Zhao](#) [Tiejun Chen](#)
- May 7, 2020:
 - Documentation:
 - For installation [R3 Installation Document of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#) and test case pages [R3 Test Document of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#), need to modify, to make it clearly. For instances, installation part contains test steps which need to move into test pages . [Peng He](#) [xiongchun duan](#)
- May 14, 2020:
 - Documentation
 - Review [R3 Installation Document of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#) and test case pages [R3 Test Document of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#)
 - Prepare for R3 document TSC review
- May 20, 2020:
 - CICD
 - Need to upload CICD log, security-scan logs, source code into AKraino [Peng He](#)
 - Next Meeting agendaPrepare for R3 CICD review and R4 planning. [yihui wang](#)
- JUN 08, 2020:
 - Security-scan logs:
 - Need to provide security-scan logs, source code into AKraino[Peng He](#) and upload security-scan logs[yihui wang](#)
 - Documentations modified before this Thursday :

- Need to follow the template doc of R3 architecture documentation [yihui wang](#)
 - Need to follow the template doc of R3 installation documentation including trouble shooting part [Qingchun Song](#) and OVS-DPDK related [Peng He](#)
 - Need to follow the template doc of R3 release notes [Peng He](#)
 - Need to follow the template doc of R3 test documents [Peng He](#)
 - Next meeting agenda:
 - Review all documentations modified according to the correspondence templates [yihui wang](#) [Peng He](#) [Qingchun Song](#)
 - Push security-scan logs [yihui wang](#) [Peng He](#)
- JULY 02, 2020:
 - PR template review [yihui wang](#) [Peng He](#) [long chen](#) [Qingchun Song](#)
 - Maturity Review
 - [Maturity Review Certification of SmartNIC](#) Please visit this wiki page and see relevant details. [yihui wang](#) [long chen](#) [Peng He](#)
 - For BluVal Certification guide: [BluVal Certification of The AI Edge: Federated ML application at edge](#) [long chen](#)
 - For CI/CD log guide: [How to: Push Logs to Nexus](#) [long chen](#)
- JULY 09, 2020:
 - PR template security-relevant part added [long chen](#) [Qingchun Song](#)
 - Maturity Review
 - [Maturity Review Certification of SmartNIC](#) Please visit this wiki page and see relevant details. [yihui wang](#) [long chen](#) [Peng He](#)
 - For BluVal Certification guide: [BluVal Certification of The AI Edge: Federated ML application at edge](#) and [Bluval - Akraino blueprint validation framework](#) [long chen](#) [Peng He](#), and for our project only focusing on Lynis validation [long chen](#) [Qingchun Song](#)
 - if there is any problem, please send an email with title #bluval to featureprojects@lists.akraino.org after subscribe it.
 - For CI/CD log guide: [How to: Push Logs to Nexus](#) [long chen](#) [yihui wang](#)
- JULY 16, 2020:
 - Maturity Review
 - [Maturity Review Certification of SmartNIC](#) Please set up the environment finish the HW definition check part with the diagram describing the architecture how mellanox lab testing the ovs-dpdk offload into smartnic [long chen](#) [Qingchun Song](#)
 - For BluVal Certification guide: [BluVal Certification of The AI Edge: Federated ML application at edge](#) and [Bluval - Akraino blueprint validation framework](#) [long chen](#) [Peng He](#), and for our project only focusing on Lynis validation and prepare the environment before searching tutorial from thor [yihui wang](#)
- JULY 23, 2020:
 - Maturity Review
 - [Maturity Review Certification of SmartNIC](#) Please set up the environment finish the HW definition check part with the diagram describing the architecture how mellanox lab testing the ovs-dpdk offload into smartnic [long chen](#) [Qingchun Song](#)
 - For BluVal Certification guide: [BluVal Certification of The AI Edge: Federated ML application at edge](#) and [Bluval - Akraino blueprint validation framework](#) [long chen](#) [Peng He](#), and for our project only focusing on vuls and Lynis validation and please pay attention to the maturity pass and fail critiria [Steps To Implement Security Scan Requirements](#) [Peng He](#)
- JULY 30, 2020:
 - Maturity Review
 - [Maturity Review Certification of SmartNIC](#) the ovs-dpdk offload into BF smartnic is going to be finished till next Monday and please fulfill the jenkins log [long chen](#) [Qingchun Song](#) [Peng He](#)
 - For BluVal Certification guide: [BluVal Certification of The AI Edge: Federated ML application at edge](#) and [Bluval - Akraino blueprint validation framework](#) [long chen](#) [Peng He](#), and for our project only focusing on vuls and Lynis validation and please pay attention to the maturity pass and fail critiria [Steps To Implement Security Scan Requirements](#) [Peng He](#)
 - TSC Member election
 - Please fulfill the form in this wiki page: [TSC Member elections 2020-2021](#) by making a new row for yourself and if you would like to self nominate as the TSC member please fill the third column with "Yes"
 - For the information fo "code merged", "wiki page edits", "Jira Activities", "number of resources committed", you can search the corresponding contents here: <https://lfanalytics.io/projects/lfedge%2Fakraino-edge-stack/dashboard> by searching your or company name [Peng He](#) [Qingchun Song](#) [long chen](#)
- [Chao Han](#)
- September 3, 2020:
 - Maturity Review
 - For BluVal Certification guide: [BluVal Certification of The AI Edge: Federated ML application at edge](#) and [Bluval - Akraino blueprint validation framework](#) [Chao Han](#) [Peng He](#), and for our project only focusing on vuls and Lynis validation and please pay attention to the maturity pass and fail critiria [Steps To Implement Security Scan Requirements](#) [Chao Han](#) [Peng He](#)
 - BluVal Certification is in the processing and the problems need to be resolved including adding the file for supporting the debian system [Peng He](#) and debugging [Chao Han](#)
- September 10, 2020:
 - Maturity Review

- For BluVal Certification guide: [BluVal Certification of The AI Edge: Federated ML application at edge](#) and [Bluval - Akraino blueprint validation framework](#) [Chao Han Peng He](#), and for our project only focusing on vuls and Lynis validation and please pay attention to the maturity pass and fail criteria [Steps To Implement Security Scan Requirements](#) [Chao Han Peng He](#)
 - BluVal Certification is in the processing and the problems need to be resolved including adding the file for supporting the debian system [Peng He](#) and debugging [Chao HanR](#)
 - R4
 - The aim for R4 project determined is to validate the CT (connection tracking) function in the community version of OVS-dpdk [Chao Han Peng He](#)
 - Please make sure if the ct code in Mellanox was open-sourced [Chao Han](#)
 - Please make sure the requirements of the CT validation lab environment [Chao Han](#)
- October 29, 2020:
 - R4:
 - The architecture and comparison model of the R4 CT function validation was discussed and please check which version of OVS-DPDK applied in R4 [Peng He](#)
 - Please make sure whether the test models work through applying the VM in it. [Chao Han](#)
 - Maturity Review
 - Bluval debugging problem [Chao Han](#)
- November 05, 2020:
 - R4:
 - The architecture and comparison model of the R4 CT function validation was discussed and please check which version of OVS-DPDK applied in R4 [Peng He](#)
 - R4 environment detailed model checked and make sure if we need the spirent testcenter [Chao Han](#)
 - The R4 planning wiki page: [Release 4 Planning](#)
 - Maturity Review
 - Bluval debugging problem, please check if the bug type involved in [Akraino CVE Vulnerability Exception Request](#) [Chao Han](#), and details can found here: <https://access.redhat.com/security/cve/CVE-2019-12900>
- April 15 IST 2021:
 - Participants - [Tina Tsou](#) Catherine, [Vijay Annamalaisamy](#), [Sathya Durai](#)
 - [Brett Preston](#) - Bret, please upload this meeting recording. - [Meeting Recording](#) (Meeting Host is able to pull from Zoom post-call as well - Thanks!)
- June 23 PST 2021:
 - Participants - [Tina Tsou](#); Catherine, IBM Cloud; Winnie Shao, Xin Qi Yuan
 - Discussed Interface provided by the control plane, performance, solutions.
- 20 Oct 2021
 - Participants: [Tina Tsou zhang zhenhuan](#)
 - Action Items:
 - [Blogs of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#) [zhang zhenhuan](#) by 30 Oct 2021
 - [Maturity Review Certification of SmartNIC](#) [zhang zhenhuan](#) by 15 Nov 2021
 - New Committer [Leo Li](#) [zhang zhenhuan](#) election: [Tina Tsou](#) by 27 Oct 2021
 - Release 5 Marketing video [zhang zhenhuan](#) 11/10/2021
- 27 Oct 2021
 - Participants: [Tina Tsou zhang zhenhuan](#)
 - Action Items:
 - [Blogs of IEC Type 5: SmartNIC for Integrated Edge Cloud \(IEC\) Blueprint Family](#) [zhang zhenhuan](#) by 30 Oct 2021
 - [Maturity Review Certification of SmartNIC](#) [zhang zhenhuan](#) by 15 Nov 2021
 - New Committer [Leo Li](#) [zhang zhenhuan](#) election: [Tina Tsou](#) by 27 Oct 2021
 - Release 5 Marketing video [zhang zhenhuan](#) 11/10/2021
 - [Akraino China Office](#) [zhang zhenhuan](#) 30 Oct 2021
- 2021-11-04

Participants: [Tina Tsou zhang zhenhuan](#)

Action Items:

[Maturity Review Certification of SmartNIC](#) [zhang zhenhuan](#) by 2021-11-15

Release 5 Marketing video [zhang zhenhuan](#) 11/10/2021

[Akraino China Office](#) [zhang zhenhuan](#) 2021-11-05
- 2021-11-11

Participants: [Tina Tsou zhang zhenhuan](#)

Action Items:

[Maturity Review Certification of SmartNIC](#) [zhang zhenhuan](#) by 2021-11-15

[Akraino China Office](#) [zhang zhenhuan](#) 2021-11-26
- 2021-12-9

- Participants: [Tina Tsou jin peng](#)
- Meeting notes:
- reply the comment of R3 Architecture Document

Action item:

show the identify examples to meet the standards [Maturity Review Certification of SmartNIC](#)

prepare the release 6 ,due date is 4/30 2022.

upload the videos for release 5

update the Blog

- 2021-12-22
- Participants: [Tina Tsou jin peng](#) @ziye wang
- Meeting notes:
- Action items:
- Apply for the host account
- upload the videos for release 5 due date 12/24
- update the Blog due date 12/31
- 2021-12-22
- Participants: [Tina Tsou jin peng](#) @ziye wang
- Meeting notes:
- Action items:
- Apply for the host account
- [Maturity Review Certification of SmartNIC](#)

- 2022-01-05

Participants: [Tina Tsou jin peng](#)

Action Items:

upload the video for release 5, the video should related with Blueprint due date is Jan 14th

[Maturity Review Certification of SmartNIC](#) have completed

[jin peng](#) already is Akranino new committee

prepare the material of Release 6

- 2022-01-12

Participants: [jin peng](#) [Tina Tsou](#) @mingfei huang

Action Items:

1. [jin peng](#)& mingfei huang made a brief introduction each other
2. send mail request to P-SC for maturity review once the the video is ready.
3. prepare the release 6: 1. add new features

then be choosed the ones. 2. Technical Meeting will be hold on March 3rd US Pacific Time, make the topics proposals to Akraino first

4. [jin peng](#) helps mingfei huang to be the Akraino new committee

- 2022-01-19

Participants: [jin peng](#) [Tina Tsou](#)

Action Items:

1. [jin peng](#) choosed the composable IEC Server as the proposal to the Technical Meeting on March 3rd US Pacific Time
2. Leo will take a speech on the Technical Meeting on 8:15 am ~8:30 am March 3rd US Pacific Time
3. Tina suggests proposal should be related with IEC blueprint , follow the maturity community review.

- 2022-01-26

Participants: [Tina Tsou](#) [Mingfei Huang](#)

Action Items:

1. [Mingfei Huang](#) will do presentation on the Technical Meeting in 9:30 pm - 9:50 pm on March 1st US Pacific Time
2. [Mingfei Huang](#) will setup k8s work node in March 2022, and integrate to CICD.

- 2022-01-26

Participants: [Tina Tsou](#) Frey Zhang

Action Items:

1. [Mingfei Huang](#) will setup k8s work node in March 2022, and integrate to CI/CD.
2. Update [Maturity Review Certification of SmartNIC](#), [jin peng](#) [Mingfei Huang](#)
3. [Release 6 Planning](#) [jin peng](#) [Mingfei Huang](#)

- 2022-02-16

Participants: [jin peng](#) [Tina Tsou](#)

Action Items:

1. [jin peng](#) send mail to Jill and loop Kendall in mail to ask for blogs draft whether is OK
2. prepare for the release 6, CI/CD logs & documentation
3. Leo will take a speech on the Technical Meeting in Shenzhen