

Blueprint Maturity Reviews

Mature Blueprints

No.	Project Name	PTL
1	Radio Edge Cloud (REC)	Paul Carver
2	Connected Vehicle Blueprint	Tao Wang
3	IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family	Bart Dong
4	The AI Edge: Federated ML application at edge	Enzo Zhang
5	IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family	Davy Zhang
6	Smart Cities	Olivier Bernard
7	IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family	jin peng

Blueprints Participating Maturity Review

No.	Project Name	PTL	Main Committer	Self-Certification Page	Documentation Sub-Committee Ike Alisson	Security Logs (Vuls, Lynis, KubeHunter, no need CD log)	Security Sub-Committee Randy Stricklin Daniil Egranov Wenhui Zhang Exception requests should be filed at: Maturity Blueprints: Akraino CVE and KHV Vulnerability Exception Request	Process Sub-Committee Biswajit De haihui wang	TSC Tina Tsou Oleg Berzin
1	The AI Edge: School/Education Video Security Monitoring	Yu, Liya		Maturity Review Certification of Video Security Monitoring Blueprint	Maturity Review performed over e-mail on May 5th, 2021. Link to the overview: 2021 year	https://nexus.akraino.org/content/sites/logs/baidu/job/security_scan/aiedge/4/result/			
2	IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family	Trevor Tao	ashvin kumar Vinothini Raju Muhammad Hamza	Integration Edge Cloud Type 1 and Type 2 Release 2 Maturity Review Certification		https://nexus.akraino.org/content/sites/logs/production/vex-yul-akraino-jenkins-prod-1/ https://nexus.akraino.org/content/sites/logs/arm-china/jenkins092/			
3	The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System (I-VICS)	Yu, Liya	Hao Zhongwang	Maturity Review Certification of I-VICS					
4	EALT-EDGE	huiling liu	Boren Zhang	Maturity Review Certification of EALTEdge	Documentation	https://nexus.akraino.org/content/sites/logs/huawei/job/Security-logs/	6/8/2023	06/26/2023	07/20 /2023

Records of Details

No.	Project Name	PTL	Main Committer	Self-Certification Page	Documentation Sub-Committee Ike Alisson	Logs (Vuls, Lynis, KubeHunter)	Security Sub-Committee Randy Stricklin Daniil Egranov Wenhui Zhang	Process Sub-Committee Biswajit De	TSC Tina Tsou Oleg Berzin
1	The AI Edge: Federated ML application at edge	Enzo Zhang	haihui wang	Maturity Review Certification of Federated ML Application At Edge Blueprint	Maturity Review Certification of Federated ML Application At Edge Blueprint performed over mail on 01/04 & stored at Documentation Sub-committee reviews for 2022. 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.	2/28/2022 Update https://nexus.akraino.org/content/sites/logs/fate/fml/mat4/	1/3/2022 Emailed Haihui Wang: AI Edge- Federated ML blueprint has passed the Incubation phase in Release 5 it also meets the Maturity requirements for Vuls. However, The Lynis test requirements are more stringent for Maturity than Incubation. The additional Lynis Maturity criteria can be found at https://wiki.akraino.org/pages/viewpage.action?pageId=11996301#StepsToImplementSecurityScanRequirements-VulsIncubationandMaturityPASS AIL in the 'Lynis Maturity: PASS /FAIL Criteria, v1.0' section. Please run the Lynis tests against the AI Edge – Federated ML blueprint and correct issues so that all Maturity tests pass. Once all Maturity tests pass please send the lynis.log output file to the Akraino security team for review. 1/14/2022 Emailed Haihui Wang: Below is the analysis that our maturity check script returned for the lynis log for the AI Edge – Federate ML blueprint. All tests that 'FAILED' need to be corrected to be approved for maturity, there are more tests that failed than the one that you listed. For the test ID AUTH-9229 that you described, would you be able to increase the 'rounds' to a value greater than 5000 and expire passwords so that they encrypt with new values?	Approved by Process Sub-Committee.	
2	IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family	Davy Zhang		Maturity Review Certification of Android Cloud	Documentation Review Meeting notes	https://nexus.akraino.org/content/sites/logs/semi/job/v2/lynis_v2/lynis/ 28 Jun 2022 https://nexus.akraino.org/content/sites/logs/semi/job/v2/lynis_v3/lynis/ 30 Jun 2022	05 Jul 2022 Approved by Security Sub-Committee.	16 Jun 2022 Approved by Process Sub-Committee.	Approved by TSC
3	Smart Cities	Olivier Bernard	Jack Liu Jason Wen	Maturity Review Certification of Smart Cities	Documentation Review Meeting notes	07 Jul 2022 https://nexus.akraino.org/content/sites/logs/myais/bluval/6/	07 Jul 2022 Approved by Security Sub-Committee.	09 Jul 2022 Approved by Process Sub-Committee.	
4	IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family	jin peng	Leo Li	Maturity Review Certification of SmartNIC	Documentation Review Meeting notes	https://nexus.akraino.org/content/sites/logs/socnoc/job/security_scan/	07 Dec 2022 Approved by Security Sub-Committee.		

5	EALT-EDGE	huiling liu	Boren Zhang	Maturity Review Certification of EALTEdge	https://nexus.akraino.org/content/sites/logs/huawei/job/Security-logs/	2023/6/8 Approved by Security Sub-Committee. 22 Feb 2023 Lynus: Performing test ID BOOT-5184 (Check permissions for boot files /scripts): FAILED Performing test ID AUTH-9229 (Check password hashing methods): FAILED Test: Checking SHA_CRYPT_{MIN, MAX}_ROUNDS option in /etc/login.defs: FAILED Performing test ID USB-2000 (Check USB authorizations): FAILED Performing test ID USB-3000 (Check for presence of USBGuard): FAILED Test: Check if one or more compilers can be found on the system: FAILED Note: Please add links to the Vuls and Kube-hunter logs.	06/26/2023	07/20/2023
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