

Release 6 Upstream Review Status

As of R6, in order to build a stable release, Upstream will need each BP/Feature to specify upstream repositories completely and with corresponding version/branch information.

R6 Requirement:

- If a BP has no code changes to upstream repositories, then it would just need to specify **fully its upstream release versions** in its [release document](#), matching with its blual testing versions.
- If a BP has code changes to upstream repositories, then it would need to either merge the code into the upstream before the R6 release time frame and updates its release versions. If the code cant be merged the code into upstream timely, then the BP will not fit into the R6.
- Or an upstream fork is acceptable by BP, then the BP should lock the fork before R6 release and the code should be merged back to upstream eventually.

Steps to update Upstream information by BP:

- Add an entry in the following table
- Fill in the Upstream document field, typically the release note
- Add detail upstream information into release notes, including the name of the upstream/releases. For example, Ubuntu/20.04. Please list all major upstreams the BP used.

R6 Release Review Status (In Progress, all BPs please follow the schedule)

Project/BP Name	Upstream Document links (Mostly in release note; Provided by BP)	Review Date	Review Status (Edited by Upstream Subcommittee only)	Comments (any members)
Connected Vehicle Blueprint(Aka CVB)	CVB Release 5 Release Note , based on no changes from release 5	6/9/2022	Approved	
IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family	Release 6 Release Note-IEC Type4	6/9/2022	approved	
Integrated Cloud Native NFV/App stack family (Short term: ICN)	ICN R6 Release Notes and https://github.com/akraino-edge-stack/icn/blob/master/doc/software-bom.md , https://github.com/akraino-edge-stack/icn/blob/master/doc/software-bom.md	5/10/2022	Approved	
Multi-Tenant Secure Cloud Native Platform		6/20/2022	Approved	
ELIOT IoT Gateway Blueprint	ELIOT R6 - IoT Gateway Release Notes	5/10/2022	Approved	
ELIOT SD-WAN/WAN Edge/uCPE Blueprint				
Network Cloud and TF Integration Project				
Provider Access Edge (PAE) Blueprint				
Industrial Edge (IE) Blueprint				
Micro-MEC				
The AI Edge: School/Education Video Security Monitoring	Video Security Monitoring R5 Release Notes	5/31/2022	Approved	
The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS)	I-VICS R5 Release Notes			
5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting Blueprint				
IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family	Release 6 Release Notes of IEC Type 3: Android cloud native applications on Arm servers in edge	5/10/2022	Approved 5/12 /2022	
IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family				
Enterprise Applications on Lightweight 5G Telco Edge	R6 - Release Notes of Enterprise Applications on Lightweight 5G Telco Edge (EALTEdge)	5/16/2022	Approved	

Public Cloud Edge Interface (PCEI) Blueprint Family	https://wiki.akraino.org/x/Ui0wAw	4/21/22	Approved	
The AI Edge: Federated ML application at edge	The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS) , Please list exact release information for the major components, such as release from OpenNESS	6/9/2022	Approved	
KubeEdge Edge Service Blueprint				
Private LTE/5G ICN Blueprint				
Rural Edge blueprint for Tami COVID-19 Blueprint Family				
Smart Cities	Smart Cities R6 Upstream	4/27/2022	Approved	
MEC-based Stable Topology Prediction for Vehicular Networks	Release Notes - R6 (MEC-based)	6/16/2022	Approved	
IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family	IEC Type 2 Release Notes for R5	5/31/2022	Approved	
IIoT at the Smart Device Edge (family)				
Federated Multi-Access Edge Cloud Platform				
Smart Data Transaction for CPS	Smart Data Transaction for CPS Release Notes (See Release Contents section)	4/22/22	Approved	
Robot basic architecture based on SSES	Robot basic architecture based on SSES Release Notes - Akraino - Akraino Confluence	4/21/22	Approved	