

Blueprint Projects API Reporting Requirements

Overview

- Motivation: improve customer access and knowledge for blueprint projects. Consistent and well-organized APIs with baseline information will increase Akraino adoption
- All project APIs will be organized and published on the [API map](#) page of the Akraino [API Portal](#). The API Portal will include both API map navigation and search capability, to allow customers to investigate APIs they may need
- In addition to blueprint projects' mandatory baseline API info, optional information about (a) telco network interface APIs, and (b) Kubernetes environment APIs info will be collected. This will be used to support one-stop API presentation, analysis, comparison, finding similar APIs, and sandbox/sample code
- The TSC has asked the API subcommittee to identify commonality between APIs, and possibly identify a "base" set of Akraino edge computing APIs. This is future work, under discussion
- This page contains API info for Releases R4-R6, in reverse chronological order (i.e. most recent first)

Who should fill in the API requirements form

- Akraino blueprint project **PTLs** should fill in the [API info form](#), as a mandatory requirement for releases R4, R5, and R6

Procedure

Below are instructions for API information gathering:

1. [Download the API information form](#) (Click to download) or you can use [this link](#) to fill out then download the form from Google Drive.
2. Follow steps below to fill in the API info form
3. [Upload the form](#) (link takes you to list of uploaded forms, below that is a drag and drop / browse area for uploading forms)
4. The API subcommittee will review inputs and verify links. PTLs can check the results in the [TSC Release 6 planning table](#) (or previously [TSC Release 5 planning table](#) or [TSC Release 4 planning table](#))

1. After you enter a Project Name, drop down menus will become available

Akraino Blueprint Project API Information										
APIs Offered by Your Project (Mandatory)										
Project Name	API Category Level 1	API Sub-category Level 2	API Sub-category Level 3	API Sub-category Level 4	API Document Link	Protocols	OpenAPI Compliance?	Swagger Available?	API Code Available?	Sample Code Available?
MyProject										
Comments:										

2. Select API categories and other info. These columns are mandatory

3rd Party APIs Consumed in Your Project (Mandatory)					
No.	API Category Level 1	API Sub-category Level 2	API Sub-category Level 3	API Sub-category Level 4	3rd Party API Link
1					
2					

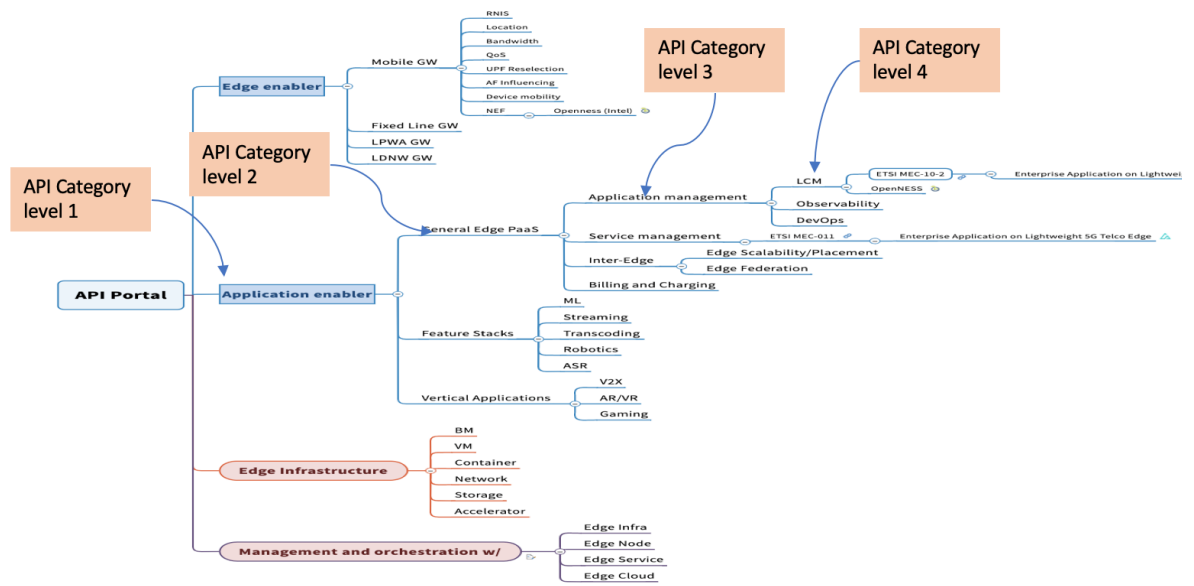
3. If your project is built on top of Kubernetes, let us know which APIs you consume or offer

APIs in Kubernetes Environment (Optional)			Telco Network APIs (Optional)		
API Source/CRD	API Aggregator	Independent APIs	Network Category	Specifications Compliance	Targeted Developer Group

4. If your project is offering or consuming telco network APIs, please fill in these fields

Note – do not modify Sheet2 ! (it contains menu macros)

You can select API categories by choosing values from drop down lists embedded in the Excel spreadsheet. If you believe your project API doesn't fit existing categories, please explain in the "Comments" field and specify how your project APIs would be better categorized.



- Additional information of any type may be added to the "Comments" field. Don't hesitate to let us know why specific APIs are fundamental / important to your project.
- Please double check all links that you've filled in the form, and make sure they link to the latest version of your project.
- If you have no relevant APIs exported or consumed, please explain why this is the case in the Comments field.

Examples

[Click here for KubeEdge Edge Service BP API Information Form Example](#)

Questions?

- You can send your questions to API subcommittee mailing list api@lists.akraino.org
- Or, leave comments at the bottom of this page
- Join API subcommittee weekly meetings (Friday morning 9:00am PST <https://zoom.us/j/294712016>) if you'd like to discuss your APIs with us.
- In case you don't use Microsoft Office, you can fill out the form in Google Doc https://docs.google.com/spreadsheets/d/e/2PACX-1vSbL0gDGuv1avvNSNTdpkeVP1yY-KDljTYD_xPEleQMMPxlu61S3ZYwr0nfyCco89EK6ikCATAjolW/pubhtml. However, you MUST download it from Google Doc and Upload to this page.

Uploaded API Info Forms

File	Modified
Microsoft Excel Spreadsheet Akraino_API_Info-CFN (Computing Force Network) Ubiquitous Computing Force Scheduling.xlsx	Jan 29, 2023 by hanyu ding
Microsoft Excel Spreadsheet api-info-akraino - release 6-1 (v1).xlsx	Jun 15, 2022 by Asif Mehmood
Microsoft Excel Spreadsheet Akraino_API_Info_IEC Type 3 Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family-20220428.xlsx	Apr 28, 2022 by Davy Zhang
Microsoft Excel Spreadsheet Akraino_API_Info_Cassini.xlsx	Apr 23, 2022 by Jason Wen
Microsoft Excel Spreadsheet Akraino_API_Info_Robot_basic_architecture_based_on_SSES.xlsx	Mar 18, 2022 by Inoue Reo
Microsoft Excel Spreadsheet Smart Data Transaction for CPS_R6_API_Info.xlsx	Mar 15, 2022 by Colin Peters

Microsoft Excel Spreadsheet Federated Multi-Access Edge Cloud Platform BP API_Info.xlsx	Oct 14, 2021 by Deepak Vij
Microsoft Excel Spreadsheet Akraino_API_Info_IEC_Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family-Ampere.xlsx	Sep 28, 2021 by Rajeev Gadgil
Microsoft Excel Spreadsheet api-info-akraino - release 5-1 (v1).xlsx	Sep 22, 2021 by Asif Mehmood
Microsoft Excel Spreadsheet Integrated Edge Cloud (IEC) Type 2.xlsx	Sep 08, 2021 by ashvin kumar
Microsoft Excel Spreadsheet Akraino_API_Info_EALTEdge.xlsx	Aug 20, 2021 by khemendra kumar
Microsoft Excel Spreadsheet Akraino_API_Info_KNI_IE.xlsx	Aug 16, 2021 by Ricardo Noriega
Microsoft Excel Spreadsheet Akraino_API_Info_KNI_PAE.xlsx	Aug 16, 2021 by Ricardo Noriega
Microsoft Excel Spreadsheet .xlsx	Jul 23, 2021 by Jeff Brower
Microsoft Excel Spreadsheet Akraino_API_Info_Multitenant_Secure_Cloud_Native_Platform.xlsx	May 24, 2021 by Salvador Fuentes
Microsoft Excel Spreadsheet Intelligent Vehicle-Infrastructure Cooperation System API_Info.xlsx	Feb 21, 2021 by Hao Zhongwang
Microsoft Excel Spreadsheet Akraino_API_Info.xlsx	Feb 21, 2021 by Hao Zhongwang
Microsoft Excel Spreadsheet Akraino_API_Info_PrivateLTE5GICN.xlsx	Feb 04, 2021 by Prem Sankar G
Microsoft Excel Spreadsheet Akraino_API_Info_AI Edge_Video Security Monitoring.xlsx	Feb 02, 2021 by Hechun Zhang
Microsoft Excel Spreadsheet Akraino_API_Info_IEC TYPE3Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family.xlsx	Feb 01, 2021 by hanyu ding
Microsoft Excel Spreadsheet Akraino_API_Info_IEC TYPE3Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family.xlsx	Feb 01, 2021 by hanyu ding
Microsoft Excel Spreadsheet Akraino_API_Info_IEC TYPE3Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family.xlsx	Feb 01, 2021 by hanyu ding
Microsoft Excel Spreadsheet Akraino_API_Info_CVB.xlsx	Jan 12, 2021 by Tao Wang
Microsoft Excel Spreadsheet Akraino_API_Info_IEC_Type_4.xlsx	Jan 12, 2021 by Bart Dong
Microsoft Excel Spreadsheet Akraino_API_Info_PCEI_R4.xlsx	Jan 04, 2021 by Oleg Berzin
Microsoft Excel Spreadsheet Akraino_API_Predictive_Maintenance_rev.xlsx	Dec 18, 2020 by V S
Microsoft Excel Spreadsheet Akraino_API_Info_ELIIOT-IOT-Gateway.xlsx	Dec 11, 2020 by khemendra kumar
Microsoft Excel Spreadsheet Akraino_API_Info_smartnic.xlsx	Dec 11, 2020 by yihui wang
Microsoft Excel Spreadsheet Akraino_API_Info_NetworkCloudWithTF.xlsx	Dec 09, 2020 by Sukhdev Kapur
Microsoft Excel Spreadsheet Akraino_API_Info_ELIIOT-uCPE.xlsx	Dec 06, 2020 by khemendra kumar
Microsoft Excel Spreadsheet Akraino_ICN_API_Info.xlsx	Nov 29, 2020 by Kuralamu dhan Ramakrishnan
Microsoft Excel Spreadsheet Akraino_API_Predictive_Maintenance.xlsx	Nov 27, 2020 by V S

Microsoft Excel Spreadsheet Akraino_API_Info_AI_Edge_Federated_ML.xlsx	Nov 11, 2020 by Julie Han
Microsoft Excel Spreadsheet Akraino_API_Info_RadioEdgeCloud.xlsx	Nov 02, 2020 by Paul Carver
Microsoft Excel Spreadsheet Akraino_API_Info-MicroMEC.xlsx Initial version, edited with Libreoffice.	Oct 26, 2020 by Ferenc Székely
Microsoft Excel Spreadsheet Akraino_API_Info-KubeEdge.xlsx	Oct 06, 2020 by Jiafeng Zhu

[Download All](#)

R7 API Information Collection and Review Status

Note – updates in this table are made by API subcommittee members only. PTLs should fill out the spreadsheet above, and then upload under "Uploaded API Info Forms" above.

N o.	R5 Project Names	API Subcommittee member assignment	St at us	Notes
1	Connected Vehicle Blueprint Thor Chin Tao Wang	Brower		
2	IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family Bart Dong Thor Chin	Brower		
3				
4	ICN - Integrated Cloud-Native Family Kuralamudhan Ramakrishnan	Brower		Kural sent e-mail 28 Apr 2022 saying no changes for "ICN Blueprint R6 release" but not specifying which ICN BPs
5	ICN - Multi-Tenant Secure Cloud Native Platform Salvador Fuentes Kuralamudhan Ramakrishnan	Brower		
6	ELIOT IoT Gateway Blueprint khemendra kumar	Brower		Info for ELIOT IOTGateway APIs: https://wiki.akraino.org/display/AK/ELIOT+R6+IOTGateway+API+documentation
7	ELIOT SD-WAN/WAN Edge/uCPE Blueprint khemendra kumar	Brower		
8	Network Cloud and TF (Tungsten Fabric) Integration Project Sukhdev Kapur	Brower		
9	KNI Provider Access Edge Ricardo Noriega	Brower		
10	KNI Industrial Edge Ricardo Noriega			
11	Micro MEC Ferenc Székely	Brower		
12	The AI Edge: School/Education Video Security Monitoring Yu, Liya	Brower		
13	The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System (I-VICS) Hechun Zhang Zhuming Zhang (Simmy Zhang)	Brower		

14	5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting Blueprint Feng Yang	Brower		
15	IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family hanyu ding Rajeev Gadgil	Brower		
16	IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family yihui wang	Brower		
17	Enterprise Applications on Lightweight 5G Telco Edge Gaurav Agrawal	Brower		Info for EALTEdge APIs: R6 - API Documentation Enterprise Application on Lightweight 5G Telco Edge (EALTEdge)
18	Public Cloud Edge Interface (PCEI) Blueprint Oleg Berzin	Brower		Note - PCEI Blueprint R6 API documentation located here (as of 12 Apr 2022): https://wiki.akraino.org/x/QyOwAw
19	The AI Edge: Federated ML application at edge zifan wu	Brower		
20	KubeEdge Edge Service Blueprint Yin Ding			
21	Private LTE/5G ICN Prem Sankar G	Brower		
22	Rural Edge blueprint for Tami COVID-19 Blueprint Family Surojit Banerjee			
23	Smart Cities Olivier Bernard Cindy Xing Jason Wen Jack Liu Alexander Su (alexander@nexcom.com)	Brower		
24	MEC-based Stable Topology Prediction for Vehicular Networks Asif Mehmood	Brower		
25	IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family Vinothini Raju ashvin kumar Trevor Tao	Brower		
26				
27	Federated Multi-Access Edge Cloud Platform Deepak Vij	Brower		
28	Smart Data Transaction Colin Peters	Brower		
29	Robot Basic Architecture Based on SESS Fukano Haruhisa	Brower		

R7 API Review Meeting Minutes

R6 API Information Collection and Review Status

Note – updates in this table are made by API subcommittee members only. PTLs should fill out the spreadsheet above, and then upload under "Uploaded API Info Forms" above.

N o.	R5 Project Names	API Subcommittee member assignment	Status	Notes
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1	Connected Vehicle Blueprint Thor Chin Tao Wang	Brower		
2	IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family Bart Dong Thor Chin	Brower	No API changes expected from R5, per Bart Dong in TSC meeting 07 Apr 2022. Waiting for e-mail from Bart to confirm this	
3				
4	ICN - Integrated Cloud-Native Family Kuralamudhan Ramakrishnan	Brower		Kural sent e-mail 28 Apr 2022 saying no changes for "ICN Blueprint R6 release" but not specifying which ICN BPs
5	ICN - Multi-Tenant Secure Cloud Native Platform Salvador Fuentes Kuralamudhan Ramakrishnan	Brower	No API changes from R5, per e-mail from Salvador Fuentes 16 May 2022 Jeff updated the R6 planning table page and cc'd Kural and TSC 16 May 2022	
6	ELIOT IoT Gateway Blueprint khemendra kumar	Brower	No API changes from R5, per e-mail from Khemendra Kumar 28 Apr 2022	Info for ELIOT IOTGateway APIs: https://wiki.akraino.org/display/AK/ELIOT+R6+IOTGateway+API+documentation
7	ELIOT SD-WAN/WAN Edge/uCPE Blueprint khemendra kumar	Brower	No API changes from R5, per e-mail from Khemendra Kumar 26 May 2022	
8	Network Cloud and TF (Tungsten Fabric) Integration Project Sukhdev Kapur	Brower		
9	KNI Provider Access Edge Ricardo Noriega	Brower		
10	KNI Industrial Edge Ricardo Noriega			
11	Micro MEC Ferenc Székely	Brower		
12	The AI Edge: School/Education Video Security Monitoring Yu, Liya	Brower	No API changes expected from R5, per Liya Yu in TSC meeting 31 Mar 2022. Waiting for e-mail from Liya to confirm this. Confirmed in e-mail sent by Liya 10 May 2022	
13	The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS) Hechun Zhang Zhuming Zhang (Simmy Zhang)	Brower	No API changes from R5, per e-mail from ZhuMing Zhang 28 Apr 2022	
14	5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting Blueprint Feng Yang	Brower	No API changes from R5, per e-mail from Eagan Fu 23 May 2022	
15	IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family hanyu ding Rajeev Gadgil	Brower		
16	IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family yihui wang	Brower	No API changes expected from R5, per Leo Li in TSC meeting 07 Apr 2022. Waiting for e-mail from Leo to confirm this Leo confirmed by e-mail 10 May 2022	
17	Enterprise Applications on Lightweight 5G Telco Edge Gaurav Agrawal	Brower	No API changes from R5, per e-mail from Khemendra Kumar 28 Apr 2022	Info for EALTEdge APIs: R6 - API Documentation Enterprise Application on Lightweight 5G Telco Edge (EALTEdge)

18	Public Cloud Edge Interface (PCEI) Blueprint Oleg Berzin	Brower	Revised API info form sent to Oleg per his requirements (see API Subcommittee meeting minutes 22 Apr 2022 for details)	Note - PCEI Blueprint R6 API documentation located here (as of 12 Apr 2022): https://wiki.akraino.org/x/QyOwAw
19	The AI Edge: Federated ML application at edge zifan wu	Brower	No changes from R5, per e-mail from HaiHui Wang 17 Mar 2022	
20	KubeEdge Edge Service Blueprint Yin Ding			
21	Private LTE/5G ICN Prem Sankar G	Brower		
22	Rural Edge blueprint for Tami COVID-19 Blueprint Family Surojit Banerjee			
23	Smart Cities Olivier Bernard Cindy Xing Jason Wen Jack Liu Alexander Su (alexander@nexcom.com)	Brower	No API changes expected from R5, per TSC meeting discussion 21 Apr 2022. Waiting for e-mail from Jason or Jack to confirm this. Update - API form uploaded by Jason 22 Apr 2022 , scheduled for review at API subcommittee meeting 29 Apr 2022 Approved by API subcommittee at weekly meeting 29 Apr 2022	
24	MEC-based Stable Topology Prediction for Vehicular Networks Asif Mehmood	Brower		
25	IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family Vinothini Raju ashvin kumar Trevor Tao	Brower	No API changes from R5, per e-mail from Muhammad Hamza 24 May 2022	
26				
27	Federated Multi-Access Edge Cloud Platform Deepak Vij	Brower		
28	Smart Data Transaction Colin Peters	Brower	Per e-mail from Colin Peters 13 Mar 2022 , blueprint consumes Kubernetes and EdgeX APIs API info form uploaded 15 Mar 2022 Scheduled for review by API subcommittee 25 Mar 2022 API info form reviewed and approved during API subcommittee meeting 25 Mar 2022	
29	Robot Basic Architecture Based on SESS Fukano Haruhisa	Brower	Per e-mail from Inoue Reo 17 Mar 2022 blueprint does not export or consume APIs API info form uploaded by Inoue Reo 17 Mar 2022, scheduled for API subcommittee review 01 Apr 2022 Reviewed and approved by API subcommittee 01 Apr 2022	They are uploading an API info form indicating no APIs, along with comments about possible future API usage 17 Mar 2022

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R5 API Information Collection and Review Status

Note – updates in this table are made by API subcommittee members only. PTLs should fill out the spreadsheet above, and then upload under "Uploaded API Info Forms" above.

N o.	R5 Project Names	API Subcom mittee member assign ment	Status	Notes
1	Connected Vehicle Blueprint Thor Chin Tao Wang	Brower	Per notice from WANG Tao (Tucker Wang), no changes from R4	
2	IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family Bart Dong Thor Chin	Brower	Per e-mail from Bart 7Sep21, no changes from R4	
3				
4	ICN - Integrated Cloud-Native Family Kuralamudhan Ramakrishnan	Brower	Per notice from Kural 5Aug21, no change from R4	
5	ICN - Multi-Tenant Secure Cloud Native Platform Salvador Fuentes	Brower	API form uploaded 24 May e-mail questions exchanged 20Jul21 Scheduled for review by API subcommittee 23 Jul 2021 API subcommittee review completed and info accepted 23 Jul 2021	Ike asked about OpenAPI compliance. PTL indicates gRPC fits their needs and no plans for future OpenAPI compliance
6	ELIOT IoT Gateway Blueprint khemendra kumar	Brower	Per e-mail from Khemendra 26Aug21, no changes from R4	
7	ELIOT SD-WAN/WAN Edge /uCPE Blueprint khemendra kumar	Brower	Per e-mail from Khemendra 26Aug21, no changes from R4	
8	Network Cloud and TF (Tungsten Fabric) Integration Project Sukhdev Kapur	Brower	Per e-mail from Sukhdev 5Aug21, no change from R4	
9	KNI Provider Access Edge Ricardo Noriega	Brower	Per e-mail from Ricardo 10Aug21, he uploaded R5 API info forms for both KNI blueprints, with no substantive changes from R4. The API subcommittee has a review scheduled for 20 Aug 2021 of the new API info forms and will update this table afterwards	Ricardo notes "the only difference with their previous R4 API form is they are now using: - Kubernetes 1.20 instead of 1.18 - OpenShift 4.7 instead of 4.5 (OpenShift is Kubernetes, so both versions are correlated)"
10	KNI Industrial Edge Ricardo Noriega		See above note	
11	Micro MEC Ferenc Székely	Brower	Per e-mail from Liya Yu 21Sep21, no changes from R4	
12	The AI Edge: School /Education Video Security Monitoring Yu, Liya	Brower		
13	The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS) Hechun Zhang Zhuming Zhang (Simmy Zhang)	Brower	Tina mentioned during API subcommittee meeting 27 Aug 2021. there is no change to API info for the I-VICS blueprint. Sent e-mail 27Aug21 to Sihui Wang and Simmy Zhang to confirm. Confirmed by Sihui in e-mail 30Aug21	

14	5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting Blueprint Feng Yang	Brower	Per e-mail from Eagan Fu 15Aug21, no change from R4	
15	IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family hanyu ding Rajeev Gadgil	Brower	API info form uploaded 28 Sep 2021, API subcommittee review scheduled for 01 Oct 2021 API info form reviewed 01 Oct 2021	According to API info form, no APIs offered or consumed, as the Blueprint constructs and provides an Android cloud run-time environment for user applications. Suggest to ask a few questions on TSC call and verify our understanding.
16	IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family yihui wang	Brower	Per e-mail from Leo (li@socnoc.ai) 11Aug21, no change from R4	Per Tina, Yihui Wang stepped down as PTL. They will hold a PTL election soon
17	Enterprise Applications on Lightweight 5G Telco Edge Gaurav Agrawal	Brower	Per e-mail from Khemendra 20Aug21, no changes from R4	Khemendra notes they upgraded the upstream project (Edge Gallery version 1.1 from 0.9 version) and have uploaded an updated API form with API document and definition links for EdgeGallery version 1.1
18	Public Cloud Edge Interface (PCEI) Blueprint Oleg Berzin	Brower	Per API Subcommittee meeting 30Jul21, no change from R4	PCEI R5 API Doc: https://wiki.akraino.org/x/qgHkAg
19	The AI Edge: Federated ML application at edge zifan wu	Brower	Per e-mail from Zifan 8Aug21, no change from R4	
20	KubeEdge Edge Service Blueprint Yin Ding			
21	Private LTE/5G ICN Prem Sankar G	Brower	Per e-mail from Prem 31Jul21, no "new features/bugs". Per e-mail from Prem 27Aug21, confirmed no new API changes	see notes in R4 table below
22	Rural Edge blueprint for Tami COVID-19 Blueprint Family Surojit Banerjee			
23	Smart Cities Olivier Bernard Cindy Xing Jason Wen Jack Liu Alexander Su (alexander@nexcom.com)	Brower	API info form uploaded to API subcommittee page 29 Sep 2021, and currently under review, with email questions pending to blueprint team before voting to approve this blueprint as part of R5 "Batch 2" blueprints. Approved informally 29 Sep 2021.	Smart Cities R5 API Document
24	MEC-based Stable Topology Prediction for Vehicular Networks Asif Mehmood	Brower	API info form uploaded by Asif 22 Sep 2021, scheduled for review by API Subcommittee 24 Sep 2021 Reviewed completed and info accepted 27 Sep 2021	
25	IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family Vinothini Raju ashvin kumar Trevor Tao	Brower	Ashvin Kumar uploaded API info form 07 Sep 2021. API subcommittee review scheduled for 10 Sep 2021 Review completed and info accepted 10 Sep 2021	The form was originally uploaded 27Aug21 but had a file corruption issue
26				
27	Federated Multi-Access Edge Cloud Platform Deepak Vij	Brower	Per e-mail 09 Oct 2021, Deepak is in process of uploading API info form Form uploaded 14 Oct 2021, scheduled for API subcommittee review 15 Oct 2021 API info reviewed and approved by API subcommittee 22 Oct 2021. The subcommittee e-mailed Deepak asking to attend 29Oct meeting and give more explanation about ETSI MEC interfaces in their Blueprint	Wiki page with API info: R5 API Document

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R4 API Information Collection and Review Status

Note – updates in this table are made by API subcommittee members only. PTLs should fill out the spreadsheet above, and then upload under "Uploaded API Info Forms" above.

N o.	R4 Project Names	API Subcommittee member assignment	Status	Notes
1	Connected Vehicle Blueprint Thor Chin Tao Wang	Jiafeng Zhu	Email sent: 10/10 replied Form uploaded 15Dec Scheduled for review by API subcommittee 21Dec 6:00p PST (22Dec 10:00a CST) Review discussion: BP will add PaaS APIs, re-upload form API subcommittee review completed and info accepted	
2	IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family Bart Dong Thor Chin	Jane Shen	First round email exchange on 12/09 with instruction link sent. Form uploaded Scheduled for review by API subcommittee 21Dec 6:00p PST (22Dec 10:00a CST) Review discussion: BP will add PaaS APIs, re-upload form API subcommittee review completed and info accepted	
3	Radio Edge Cloud (REC) Paul Carver	Jane Shen	Email sent: 10/15 Form uploaded API subcommittee review completed and info accepted	
4	ICN - Integrated Cloud-Native Family Kuralamudhan Ramakrishnan	Jiafeng Zhu Jane Shen	Form uploaded API subcommittee review completed and info accepted BP reviewed on TSC 16 Dec.	API Sub committee 12/4/2020 meeting minutes Slides presented with API related info:  Intel-Edg...on-v3.pdf

5	ELIOT IoT Gateway Blueprint khemendra kumar	Jiafeng Zhu	Email sent: 10/10 and 10/15 Try to join their weekly meeting, but none was in the meeting Participated ELIOT weekly meeting 10 /21, and demonstrated how to fill out the API Info Form Form uploaded Review completed during API subcommittee meeting 11Dec BP reviewed on TSC 16 Dec.	
6	ELIOT SD-WAN/WAN Edge /uCPE Blueprint khemendra kumar	Jiafeng Zhu	Email sent: 10/10 and 10/15 Try to join their weekly meeting, but none was in the meeting Participated ELIOT weekly meeting 10 /21, and demonstrated how to fill out the API Info Form Review completed during API subcommittee meeting 11Dec BP reviewed on TSC 16 Dec.	
7	Network Cloud and Tungsten Fabric Integration Project Sukhdev Kapur	Jeff Brower	Form uploaded Scheduled for review at API subcommittee meeting 18Dec API subcommittee review completed and info accepted	
8	KNI Provider Access Edge Ricardo Noriega	Jane Shen	Form uploaded API subcommittee review completed and info accepted	
9	KNI Industrial Edge Ricardo Noriega	Jane Shen	Form uploaded API subcommittee review completed and info accepted	
10	Micro-MEC Ferenc Székely	Jane Shen	Email sent: 10/15 Email received Form uploaded 26 Oct 2020 API subcommittee review scheduled for 29 Jan 2021 API subcommittee review completed and info accepted	
11	The AI Edge: School /Education Video Security Monitoring Hechun Zhang	Jeff Brower (assignment transferred from Jiafeng Zhu 13Jan21)	Hechun replied by e-mail 12Jan, form is in progress Form uploaded 02 Feb 2021 API subcommittee review scheduled for 05 Feb 2021 API subcommittee review completed and info accepted	
12	The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS) Hechun Zhang Zhuming Zhang (Simmy Wang)	Jeff Brower (assignment transferred from Jiafeng Zhu 13Jan21)	Email sent 2Feb20 Hechun and Liya Yu, and 9Feb20 Hechun and Zhongwan Hao Form uploaded 21 Feb 2021 API subcommittee review scheduled for 26 Feb 2021 API Subcommittee completed and info accepted 26 Feb 2021	

13	5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting Blueprint Feng Yang	Jane Shen	Email sent: 10/15 Form uploaded 25 Oct 2020 Reviewed by API subcommittee 20 Nov 2020 API subcommittee review completed and info accepted	
14	IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family hanyu ding	Jeff Brower (assignment transferred from Jane Shen 15Jan21)	E-mail discussion 21Jan, they have no APIs consumed or exported but still need to fill out the form with BP name and explain current and future API status in the comments Form uploaded 28 Jan 2021, reviewed by API subcommittee 29 Jan 2021 API subcommittee review completed and info accepted	
15	IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) yihui wang	Jeff Brower	Jiafeng sent e-mail 27Oct, Yihui replied 28Oct Form uploaded Scheduled for review by API subcommittee 21Dec 6:00p PST (22Dec 10:00a CST) API subcommittee review completed and info accepted	
16	Enterprise Applications on Lightweight 5G Telco Edge Gaurav Agrawal	Jane Shen	Email sent: 10/15; replied Form received by e-mail Form uploaded API subcommittee review completed and info accepted	
17	Public Cloud Edge Interface (PCEI) Blueprint Oleg Berzin	Jane Shen	Email sent: 10/15 Form uploaded on 4Jan21 Scheduled for review at API subcommittee meeting 08 Jan 2021 API subcommittee review completed and info accepted	
18	The AI Edge: Federated ML application at edge Julie Han	Jane Shen	Form uploaded API subcommittee review completed and info accepted	
19	KubeEdge Edge Service Blueprint Yin Ding	Jeff Brower (assignment transferred from Jiafeng Zhu 13Jan21)	Form uploaded API subcommittee review completed and info accepted	
20	Private LTE/5G ICN Prem Sankar G	Ike Alisson (assignment transferred from Neal Oliver 15Jan21)	Have not joined their group meeting yet, as it is a double-conflict in meeting schedule. Will attempt to work with them offline. Received response email. Still need to follow up..... Prem replied by e-mail 12Jan, form is in progress Form uploaded 03 Feb 2021 API subcommittee review scheduled for 05 Feb 2021 API subcommittee review completed and info accepted	TSC Meeting Presentation, Feb2021

21	IoT Workloads at the Smart Device Edge - Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) V S Aaron Williams	Jeff Brower	Form uploaded Scheduled for review by API subcommittee 11Dec Review completed during BP project meeting 11Dec. Updated API info form will be uploaded by V S Form uploaded by V S on 18 Dec, will be reviewed by API subcommittee on 8 Jan API subcommittee review completed and info accepted 08 Jan 2021	Info received from BP technical members, and Jeff and Jane have attended their weekly meetings to understand their architecture and project API usage. Jeff has created an architecture diagram showing API, CLI, and GUI interfaces. An R4 release review meeting for the BP is scheduled for 9 Dec (Jeff will attend).
22	ELIOT AIoT in Smart Office	Jiafeng Zhu	Email sent: 10/10 and 10/15	This BP is not showing in the R4 Release Planning page

R4 API Review Meeting Minutes

[Here are R4 BP API review meeting minutes.](#)