



Agenda



- 1 Welcome new participants
- 2 TSC Updates
- 3 Status Working Groups
- 4 Updates from API Sub Projects
- **5** AOB

Welcome new participants CAMARA resources







last commit yesterday issues 1 open pull requests 2 open contributors 53 repo size 60.6 MB License Apache 2.0

Mission statement • Project Charter • Code of Conduct • Working Language • Steering Committee • Documentation • Support and Feedback • Contribute • Contributors • Licensing

https://github.com/camaraproject/Governance



https://camaraproject.org/

Welcome new participants CAMARA figures



25	API families /	Sub Projects

5 Working Groups

103 Companies in the CAMARA logo list

357 Companies participating in CAMARA

1029 People joined CAMARA

166 Companies interested & invited to join

1013 People interested & invited to join

TSC Updates 1/2

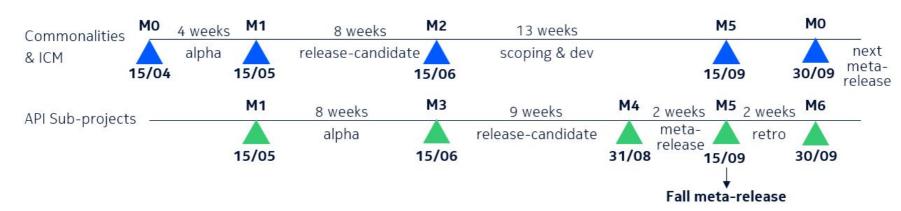


- EasyCLA versus DCO (Developer Certificate of Orign) waiting for CAMARA Board decision (May)
- GitHub teams for all <sub-project>_maintainers created please accept the invites CAMARA organisation member!
 - o Maintainers are getting "Triage" access rights, Codeowner continue having "write" access
- API Backlog
 - Now in https://github.com/camaraproject/APIBacklog please direct all new issues and PR there!
 - New "LocationInsights" for APIs "MostFrequentLocation" and "DeviceVisitLocation"
 - New "NetworkAccessManagement" name might be revised, potentially grouping with Home Devices QoD
 - New repository for "SimpleEdgeDiscovery" of EdgeCloud API family
- Commonalities
 - Scope for release v0.4 of Commonalities defined in <u>Commonalities/issues/175</u>
 - o Explicit workshops to address open points on event subscriptions and test definition
- Identity & Consent Management (ICM)
 - o Main focus on PR #121 Camara OIDC profile. Now in final review until Monday, May 13th eob.
 - Scope for v0.2 of ICM defined with labels to be approved in next weeks TSC
- Release Management
 - See next page

TSC Updates 2/2



- Release Management
 - o M0: was approved on 2024-04-18, but announcement still needs to be sent depends on finalization of API release tracker page.
 - o M1: scope definition of Commonalities and ICM available. Both working groups are asked to provide an alpha release at least two weeks before the M2 milestone
 - o M2: expected to be shifted by 2 weeks (M3 to be shifted accordingly)
 - API Sub-projects should start to prepare the release assets for their APIs for release and align with Commonalities and Identity & Consent Management AS OF TODAY (release candidate expected at M3 milestone)
 - One stop documentation is the <u>Release Management home page</u> here: https://wiki.camaraproject.org/x/QAEG



CAMARA Fund & Admin Updates



- EasyCLA:
 - Tested with Quality on Demand repo.
 - o GSMA in progress to check legal background.
 - o After that we intend to roll it out to all repos.
- Working Groups repo:
 - Is split in dedicated repos for the different Working Groups.
- All CAMARA meetings:
 - Are subsequently migrated to LF Zoom.
- CAMARA website:
 - Is planned to be restructured / improved
 - Page for Governing Board with headshots / short bios will be added
- People management in GitHub:
 - Maintainer teams get triage rights in all repos, Codeowners continue having writing permissions

Status Working Groups APIBacklog



Scope, Meetings, Mailing list: https://github.com/camaraproject/APIBacklog

Deliverable	Current status / Achievements
Documents	 - Live table for API backlog available <u>here</u>. Stable version. - Accepted API proposals stored <u>here</u>.
New Issues	 OGW Drop #3 APIs: #19 (Device Quality Indicator) OGW Drop #4 APIs: #27 (Verified Caller), #35 (5G New Calling), #34 (Shutdown Service Status), #2 (Tenure) Other APIs: #17 (Consent and Measurement), #18 (Receive SMS), #23 (Carrier Wholesale Pricing), #24 (Steering of Roaming Information), #29 (Call Status), #28 (Device Data Volume) Governance: #4 (Structures and roles, RACI, Maintainers initiative)
PRs	- Application templates for those API proposals which have not been discussed yet in TSC.
Announcements	 Draft RACI matrix to clarify roles approved API Backlog will be held from then to now in a separate GitHub Repo and migration of issues have been completed. Active PRs will be moved once merged and new ones need to be opened in the new repo Changes in the way of approving new API proposals are under review Closing issues being treated in the TSC: #20 (Best Interconnection), #22 (Capability and Runtime Restrictions) Created new subproject/repos: Location insighs → #336 (OGW Home Location Verification), #330 (Device Visit Location) NetworkAccessManagement → #378 (Customer Premise Equipment Management) Simple Edge Discovery

Status Sub Projects & Working Groups Commonalities



Scope, Meetings, Mailing list: https://github.com/camaraproject/Commonalities

Deliverable	Current status / Achievements
Documents	Release 0.3.0 of Commonalities documents and artifacts is available
Current PRs	 Added 501 Not Supported error response Create subscription-notification-template.yaml guideline_for_datacontenttype_cloudevent_concept_as_enum x-correlator_guideline_format_convention
New Issues	not updated, see https://github.com/camaraproject/Commonalities/issues
Announcements	Release 0.4.0 scope definition for Fall 24 CAMARA meta-release available within Commonalities/issues/175 Dedicated meeting to progress on Subscription-based issues - done, PRs created
	Dedicated meeting for Test definitions guidelines: May 16th, 11:00 - 13:00 CEST (see Slack channel)

Status Working Groups IdentityAndConsentManagement



Scope, Meetings, Mailing list: https://github.com/camaraproject/IdentityAndConsentManagament

Deliverable	R/O	Current status / Achievements
API Definition	R	N/A yet. If identified, a proposal will be made once core issues are clarified and closed.
		in identified, a proposar will be made once core issues are clarified and closed.
API doc/user stories/testcases	R	 Work on 0.2 release Interoperability and Security Profile: PR #121 Camara OIDC profile in final review: IdentityAndConsentManagement/pull/121 Will close about 11 of current open issues within ICM
Implementation	R	N/A yet
API Reviews and extensions	0	Release 0.2.0 scope definition for Fall 24 CAMARA meta-release available for discussion within IdentityAndConsentManagement/issues/146

Status Working Groups Release Management



Scope, Meetings, Mailing list:

o https://wiki.camaraproject.org/display/CAM/Release+Management+Working+Group

Deliverable	Current status / Achievements
Documents	 <u>CAMARA Release Process</u> (covers meta-release and API version release) - Status: in review. <u>Comments very welcome</u> <u>CAMARA meta-releases</u> provides a page per meta-release with the progress built from data to be provided by the Sub Projects as described here: <u>API Release Tracking</u>
PRs 1	I/A
New issues	 Closure of open issues is ongoing. They are now mostly covered by the <u>Meta-release Process</u> Released APIs can now have an initial or a stable status. Sub Project classification proposal is under discussion
Announcements	 Call for 1 or 2 additional Community Release Managers is still open. M0 was declared by TSC on 2024-04-18. The official messages is under preparation M1 for Fall24 meta-release tentatively planned for 2024-05-15. API Sub Projects can start preparing their API release trackers (see link above)

CAMARA meta-release Fall24 Proposed schedule



Timeline



The actions to achieve each milestone are documented on the Meta-release Milestones page

Status Working Groups Marketing



Scope, Meetings, Mailing list: https://github.com/camaraproject/Marketing

Deliverable	Current status / Achievements
Documents	CAMARA Powerpoint template available: template Please use it for all external communication, but also for internal needs Marketing concept finalized: https://github.com/camaraproject/Marketing/blob/main/documentation/MarketingMaterial/CAMARA%20MarketingConcept.pptx
PRs	2024 event list in progress: https://wiki.camaraproject.org/display/CAM/2024+Event+Tracker Outreach meeting moved from 21st to 7nd to finalize event list.
New issues	
Announcements	Content is moved in dedicated Marketing repository: https://github.com/camaraproject/Marketing

Status Sub Projects & Working Groups BlockchainPublicAddress



Scope, Meetings, Mailing list: https://github.com/camaraproject/BlockchainPublicAddress

Deliverable	R/O	Current status / Achievements
API Definition	R	Working in next release: v0.2.0-wip No additional Business Requirements so far. Working in technical enhancements in the meantime (see latest section)
API doc/user stories/testcases	R	API Doc Full API documentation pending to be consolidated under API Spec Use Cases - First version available
Implementation	R	Not yet
API Reviews and extensions	0	Pending Points: - <u>Issue #16</u> - Discussion about consent management considerations in retrieval of blockchain public addresses ON-HOLD - <u>Issue #51</u> - Avoiding the use of "plain" phoneNumber as filter criteria of blockchain retrieval - <u>Issue #52</u> - Enhancement of blockchainPublicAddress belongs to the user whose phoneNumber is indicated to set-tp the binding relationship

Status Sub Projects CallFowardingSignal



Scope, Meetings, Mailing list: https://camaraproject.org/call-forwarding-signal/

Deliverable	R/O	Current status / Achievements
API Definition	R	Released and approved v0.1.6-wip PR on 0.1.7-wip with two Intents supported: Intent 1: is the unconditional call fwd service active on a specific phone number? Intent 2: which is the status of the call forwarding for a specific phone number?
API doc/user stories/testcases	R	User Story and Documentation released
Implementation	0	NA (Optional according to CAMARA Readiness Checklist)
API Reviews and extensions	0	NA NA

Status Sub Projects CarrierBillingCheckOut



Scope, Meetings, Mailing list: https://github.com/camaraproject/CarrierBillingCheckOut

Deliverable	R/O	Current status / Achievements
API Definition	R	API spec: • Current API Spec Release is v0.2.1. Working in v0.3.0 and refund functionality
API doc/user stories/testcases	R	<u>Use Cases</u> - First version available
Implementation	R	Not yet
API Reviews and extensions	0	Several Open Issues, listed here . Main tracks in the short-term in: - Issue#104 - Carrier Billing Refunds. Ongoing PR - Issue#155 - Carrier Billing Scope for MetaRelease Fall24

Status Sub Projects ClickToDial



Scope, Meetings, Mailing list: https://github.com/camaraproject/Cli

UPDATE

Deliverable	R/O	Current status / Achievements
API Definition	R	Repository, Mailing list have been set up. API Definition - Draft version available Subsequent modifications and improvements will be made.
API doc/user stories/testcases	R	API doc - First version contributed TBD part will be added in next version. Use Cases - First version available TBD part will be added in next version, format needs to be adjusted. Test Cases - Work in progress
Implementation	R	No implementation available yet
API Reviews and extensions	0	N/A

Status Sub Projects Connectivity Insights



Scope, Meetings, Mailing list: https://github.com/camaraproject/Co



Deliverable	R/O	Current status / Achievements
API Definition	R	Working in release: <u>0.3.0-wip</u>
API doc/user stories/testcases	R	Documentation is now available as part of the yaml user stories available. test cases, not yet
Implementation	R	Not Yet
API Reviews and extensions	0	Issues, PR and ongoing discussions: Zoom based web conference setup for the project Recently Closed PRs 1. PR: #35, updated yaml to follow guidelines from identity and consent mgmt. Ongoing: 1. Update yaml as part latest linting rules. 2. update API endpoints to non telco, more application developer friendly terms

Status Sub Projects DeviceIdentifier



Scope, Meetings, Mailing list: https://github.com/camaraproject/DeviceIdentifier

Deliverable	R/O	Current status / Achievements
API Definition	R	 Device Identifier API: Initial pre-release version 0.1.0 now published

Status Sub Projects DeviceLocation



Scope, Meetings, Mailing list: https://github.com/camaraproject/DeviceLocation

Deliverable	R/O	Current status / Achievements
API Definition	R	 Release 0.2.0 of the API family is official!! Stable version: 3 APIs: location-verification <u>v0.2.0</u> location-retrieval <u>v0.1.0</u> geofencing <u>v0.1.0</u>
API doc/user stories/testcases	R	 All API documentation consolidated within spec. Following discussions in Commonalities regarding testing. Priority for next release
Implementation	R	No contribution yet
API Reviews and extensions	0	Issues and PRs under discussion: • clarification of behaviour of maxAge • geofencing to be renamed to geofencing-subscriptions • PRs with proposals for test definitions • Issue to support for new geometries (Administrative Code) put on hold

Status Sub Projects DeviceStatus



Scope, Meetings, Mailing list: https://github.com/camaraproject/De

UPDATE

Deliverable	R/O	Current status / Achievements
API Definition	R	New patch release v0.5.1 with minor bugfixes & documentation updates: https://github.com/camaraproject/DeviceStatus/releases/tag/v0.5.1
API doc/user stories/testcases	R	Following discussions in Commonalities regarding testing Linting rules introduction
Implementation	R	No implementation available yet
API Reviews and extensions	0	New features and fixes for release 0.6.0 proposed Following discussions in Commonalities regarding event subscriptions Plan to Separate endpoints into different APIs (#125)

Status Sub Projects Device Swap



Scope, Meetings, Mailing list: https://github.com/camaraproject/De



Deliverable	R/O	Current status / Achievements
API Definition	R	Work to be started
API doc/user stories/testcases	R	
Implementation	R	
API Reviews and extensions	0	Please add to https://github.com/camaraproject/DeviceSwap/issues/1 and on the mailing list if interested to support

Status Sub Projects & Working Groups EdgeCloud



Scope, Meetings, Mailing list: https://github.com/camaraproject/EdgeCloud

Deliverable	R/O	Current status / Achievements
API Definition	R	 Traffic Influence: v0.9.3 is in progress including user mobility cases. Adding UE mobility notification & automatic mobility capabilities. Discussion to add a new requirement Device Source IP Port. Simple Edge Discovery API v1.0.0 released. A new repository for this API has been created only for release management purposes, the API Definition is still under the Edge Cloud API Family. EdgeCloud_LCM API (release v0.9.3-wip) To add 3-Legs auth and to fix minor formatting corrections to pass the Megalinter and Spectral tests.
API doc/user stories/testcases	R	 Documentation has been provided for all 3 APIs. However, there is a new way to include the current documentation information in an md document in the API yaml as Commonalities has defined. We have decided to keep the current md documentations for the APIs but, in future versions, add all the information in the API yaml and remove the md document. Work on a general user story to explain the use of all the Edge Cloud Family APIs.
Implementation	R	 Traffic Influence: Implementation under validation by Telecom Italia (TIM): Simple Edge Discovery: Validated by Vodafone and Telstra
API Reviews and extensions	0	 A new API will be created to allow end-users to retrieve the endpoint of the Edge application instance. In process of reviewing conformance with API Design Guidelines in all 3 APIs to release stable version. Restructuring of the Edge Cloud repository folder directory and cleaning it up

Status Sub Projects HomeDevicesQoD



Scope, Meetings, Mailing list: https://github.com/camarapro

		01 07 (137 3
Deliverable	R/O	Current status / Achievements
API Definition	R	Current API Spec release is <u>v0.3.0</u>
API doc/user stories/testcases	R	Existing <u>test definitions</u> are available in the repository.
Implementation	R	N/A
API Reviews and extensions	0	 Subproject (linting rules, etc) and API spec have been aligned with the latest Commonalities (v0.3.0) release (Issue #57 & PR #58). A new release v0.3.0 of HomeDevicesQoD has been created with the added changes to align with CAMARA Commonalities and IdentityAndConsentManagement (Issue #59). No new functionality added to the API definition.

Status Sub Projects KnowYourCustomer



Scope, Meetings, Mailing list: https://github.com/camaraproject/KnowYourCustomer

Deliverable	R/O	Current status / Achievements
API Definition	R	Work in progress on KYC Match API, KYC Fill-in API, Age Verification API KYC Match and KYC Fill-in: release v0.1.0 is available here -KYC Match: provides the customer with the ability to compare KYC information it has for a particular user with that owned by MNO -KYC Fill-in: provides the customer with the ability to request to MNO and receive KYC information for a particular user Age Verification: release v0.1.0 discussion ongoing -provides the customer with the ability to check age information for a particular user with MNO data -discussion on going, Issue #46, PR #50 (initial API definition proposal) -topic intensively discussed: the end-user whose age the third party wants to check may be different from the contract owner. To solve this, using additional input data (givenName, middleNames, email etc.) is considered, as an optional method, because some countries/markets do not need it at all.
API doc/user stories/testcases	R	 -KYC Match and KYC Fill-in v0.1.0: API doc embedded in YAML, user stories available, testcases not yet available. -Age Verification v0.1.0: User story is being discussed.
Implementation	R	- Not yet
API Reviews and extensions	Ο	 - KYC Match and KYC Fill-in v0.2.0: work in progress for enhancements; Issues #18, #22, #38 #39, #47, #65, #66, #71, #77 and PRs #43, and some other issues are to be created. - Meta Release Fall-24 candidate is discussed; Issue #75

Status Sub Project Network Slice Booking



Scope, Meeting, Mailing list https://github.com/camaraproject/NetworkSliceBooking



Deliverable	R/O	Current Status / Achievements
API Definition	0	Work in progress in API Yaml and User Stories. Specs: Initial API definition of create, query, and deletion session: https://github.com/camaraproject/NetworkSliceBooking/pull/11
API doc/user stories/testcases	Ο	API Doc and User Stories: ppt can be found in https://github.com/camaraproject/NetworkSliceBooking/pull/4 , while md with reference scenario can be found in https://github.com/camaraproject/NetworkSliceBooking/pull/13
Implementation	0	Not yet
API Reviews and extensions	0	Not yet

Status Sub Projects NumberVerification



UPDATE

Scope, Meetings, Mailing list: https://github.com/camaraproject/Nu

Deliverable	R/O	Current status / Achievements
API Definition	R	Current release is v0.3.1: https://github.com/camaraproject/NumberVerification/releases/tag/v0.3.1
API doc/user stories/testcases	R	Documentation integrated into YAML file
Implementation	R	N/A
API Reviews and extensions		 Dawid Wróblewski left DT, Axel Nennker volunteered to step in Since April 4th 2024 WG meeting minutes are on: https://wiki.camaraproject.org/display/CAM/Number+Verification Working on next release 0.4.0 that contains changes introduced by community in past months

Status Sub Projects OTPvalidationAPI



UPDATE

Scope, Meetings, Mailing list: https://github.com/camaraproject/OT

Deliverable	R/O	Current status / Achievements
API Definition	R	Current release v0.5.0 https://github.com/camaraproject/OTPvalidationAPI/releases/tag/v0.5.0
API doc/user stories/testcases	R	https://github.com/camaraproject/OTPvalidationAPI/blob/v0.5.0/documentation/API_documentation/OTP_SMS_API.md
Implementation	R	N/A
API Reviews and extensions	0	Version v0.6.0 in work, only minor changes so far, adapting to Commonalities changes

Status Sub Projects PopulationDensityData



Scope, Meetings, Mailing list: https://camaraproject.org/population-density-data/

Deliverable	R/O	Current status / Achievements
API Definition	R	WIP version 0.1.0 under review → <u>0.1-wip</u>
		No releases yet, waiting for agreement on:
		 Async response management → See <u>Issue#20</u> Prediction/Extrapolation algorithm draft proposal → See <u>draft</u>
API doc/user stories/testcases	R	Reference Use case closed in API documentation. Test cases pending.
Implementation	R	N/A
API Reviews and extensions	0	 WIP version to RC Algorithm mechanism report

Status Sub Projects Quality on Demand



Scope, Meetings, Mailing list: https://github.com/camaraproject/QualityOnDemand

Deliverable	R/O	Current status / Achievements
API Definition	R	Patch release v0.10.1 available https://github.com/camaraproject/QualityOnDemand/releases/tag/v0.10.1 • Updated the documentation to address the lack of statusInfo in SessionInfo • Fixed maximum duration in session info and improved documentation
API doc/user stories/testcases	R	Documentation inline within API OAS
Implementation(s)	R	 Three repositories for Provider Implementations (PI): QualityOnDemand_PII by Deutsche Telekom (updated to v0.10.1) QualityOnDemand_PI2 by Orange QualityOnDemand_PI3 by Spry Fox Networks
API Reviews and extensions	0	 v0.11.0 - Scope definition within <u>QualityOnDemand/issues/292</u> Split QoD API into 2 APIs Quality-On-Demand and QoS Profiles (PR in review) Consolidation issue for duration, extentDuration, time formats etc Update of Security schemes, scopes etc according to Commonalities & ICM Few minor enhancements New API proposal for "provision" mode approved (next step: User Story)

Status Sub Projects RegionUserCount



UPDATE

Scope, Meetings, Mailing list: https://camaraproject.org/region-use

Deliverable	R/O	Current status / Achievements
API Definition	R	API Specs will be discussed in first meeting: https://github.com/camaraproject/RegionUserCount/pull/2 https://github.com/camaraproject/RegionUserCount/pull/5
API doc/user stories/testcases	R	API Doc and User Stories: https://github.com/camaraproject/RegionUserCount/pull/3
Implementation	R	Not Yet
API Reviews and extensions		Not Yet

Status Sub Projects ShortMessageService



Scope, Meetings, Mailing list: https://camaraproject.org/short-message-service/

Deliverable	R/O	Current status / Achievements
API Definition	R	Send SMS API Spec is defined. https://github.com/camaraproject/ShortMessageService/commits/main/code/API_definitions/SMS.yaml SMS Delivery Notification Subscription API is defined. https://github.com/camaraproject/ShortMessageService/blob/release-v0.1.0/code/API_definitions/sms-delivery-notification-subscription.yaml Alpha release-v0.1.0 - camaraproject/ShortMessageService at release-v0.1.0 (github.com)
API doc/user stories/testcases	R	API doc/user stories; https://github.com/camaraproject/ShortMessageService/tree/main/documentation/ API_documentation
Implementation	R	Not yet
API Reviews and extensions		PRs closed - 6 PR Open - 1

Status Sub Projects SimSwap



UPDATE

Scope, Meetings, Mailing list: https://github.com/camaraproject/Sir

Deliverable	R/O	Current status / Achievements
API Definition	R	Current release v0.4.0 https://github.com/camaraproject/SimSwap/releases/tag/v0.4.0
API doc/user stories/testcases	R	Documentation integrated into YAML file
Implementation	R	N/A
API Reviews and extensions	0	Version 0.5.0 work in progress, adding subscriptions, test cases, adapting to Commonalities, etc

Status Sub Project Site To Cloud VPN



Scope, Meeting, Mailing list https://github.com/camaraproject/SiteToCloudVPN



Deliverable	R/O	Current Status / Achievements
API Definition	0	API definition in progress: https://github.com/camaraproject/SiteToCloudVPN/issues/9
API doc/user stories/testcases	Ο	API Doc and User Stories: https://github.com/camaraproject/SiteToCloudVPN/pull/1 https://github.com/camaraproject/SiteToCloudVPN/pull/3
Implementation	0	Not yet
API Reviews and extensions	0	Not yet

Status Sub Projects WebRTC



Scope, Meetings, Mailing list: https://github.com/camaraproject/WebRTC

Deliverable	R/O	Current status / Achievements
API Definition	R	First and current release is ready v0.1.0. <u>camaraproject/WebRTC at v0.1.0 (github.com)</u> API Definition: <u>WebRTC/code/API_definitions at v0.1.0 · camaraproject/WebRTC (github.com)</u>
API doc/user stories/testcases	R	Documentation is ready: WebRTC/documentation/API_documentation/webrtc voice api.md at v0.1.0 · camaraproject/WebRTC (github.com) New API flow for user story is under review Flow review - BYON by stroncoso-quobis · Pull Request #27 · camaraproject/WebRTC · GitHub
Implementation	R	 T-Mobile US is currently working in the implementation One more operator is needed to validate new versions of the API
API Reviews and extensions	0	 Under discussion for next releases: Emergency calls to be supported is under proposal Propper error codes have been included Linting Rules script have been performed and is under review

