CAMARA
THE TELCO GLOBAL API ALLIANCE

All Hands Call

February 08th, 2024

Agenda

1   Welcome new participants

2   TSC Updates

3   CAMARA Fund Updates

4   Status Sub Projects and Working Groups

5   AOB

Welcome new participants
CAMARA resources

Subscribe to
all+subscribe@
lists.camaraproject.org
to start contributing

https://github.com/camaraproject/Governance

https://camaraproject.org/
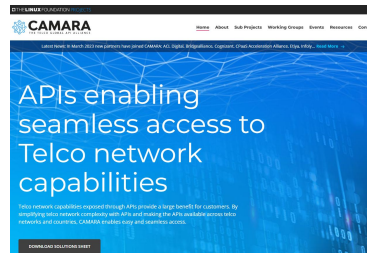
Welcome new participants
CAMARA figures

24	API families / Sub Projects
3	Working Groups
88	Companies in the CAMARA logo list
319	Companies participating in CAMARA
951	People joined CAMARA
145	Companies interested & invited to join
909	People interested & invited to join

TSC Updates

- API Proposals approved since last AHC
  - Finalized: Short Message Service, Dynamic People Density Information
  - Device Location Retrieval (new API within Device Location sub project)
  - Network Slice Booking
  - Call Forwarding Signal
- Commonalities
  - Release v0.2 of documents available - should be taken in consideration by all sub projects
  - Release v0.3 in work: guidelines for test definition, linting rules (already in test in sub projects)
- Identity & Consent Management
  - Release v0.1 generated, v0.2 in work to resolve urgent issues
  - OIDC profile will be created in CAMARA, draft under discussion
  - Duplicity of information between GMSA OGW/CAMARA solved (OGW will refer to CAMARA)
- Release Management
  - Two CAMARA Community Release Manager nominated by their organizations: Samuel Adeyemo (Nokia), Marouane Balmakhtar (T-Mobile US)
  - Work on release process for a CAMARA "meta" release across the sub projects started

CAMARA Fund Updates

- Outreach Committee implemented, Markus Kuemmerle elected as Chairperson
- Financial Committee implemented
- EasyCLA Ready for deployment, but there seems to be a number of people who do not yet have their LFID.
- Open Office Hours
  - LF is hosting Open Office Hours.
  - First session recording

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 Specification currently ON-HOLD: -Working on linting rules applicability process
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	O	Pending Points: - Issue #16 - Discussion about consent management considerations in retrieval of blockchain public addresses ON-HOLD

Status Sub Projects & Working Groups
CarrierBillingCheckOut

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

Deliverable	R/O	Current status / Achievements
API Definition	R	API spec: •Working in v0.2.0 release. Objective: Deliver the initial release during February 2024
API doc/user stories/testcases	R	Use Cases - First version available
Implementation	R	Not yet
API Reviews and extensions	O	Several Open Issues, listed here: - Mainly focused so far on linting rules applicability Next features after reaching a stable specification points to be: - refunds - recurrent payments

Status Sub Projects & Working Groups ClickToDial

UPDATE

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

Deliverable	R/O	Current status / Achievements
API Definition	R	
API doc/user stories/testcases	R	
Implementation	R	
API Reviews and extensions	O	

Status Sub Projects & Working Groups Commonalities

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

Deliverable	Current status / Achievements
Documents	**Release 0.3.0** of Commonalities documents is on the way with new documents ● API Testing Guidelines **API-Testing-Guidelines.md** ● CAMARA API Linting Rules Documentation ● CAMARA OpenAPI Linting Rules Implementaion Guideline
PRs	● Update API-design-guidelines to add subscriptionMaxEvents ● Update CAMARA_common.yaml: add Device headers, fix address
New Issues	#133 Adopt RFC 9457 error response format #87 Mandate '+' in all Phone Number formats
Announcements	**Release 0.3.0** of Commonalities documents and artifacts: ● Set X-Correlator as Required in OAS Definition, X-Version removed ● CAMARA_common.json renamed to CAMARA_common.yaml and updated ● Worflows and configuration files for API linting rules

Status Sub Projects & Working Groups
Connectivity Insights

UPDATE

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

Deliverable	R/O	Current status / Achievements
API Definition	R	Working in next release: 0.1.0-wip Initial API spec contributed: https://github.com/camaraproject/ConnectivityInsights/blob/main/code/API_definitions/CAMARA%20Connectivity%20Insights%20API.yaml Initial list of maintainers identified and regular cadence call setup. Ongoing work: Align API spec with standards as defined in commonalities Align the performance metrics with QoD API
API doc/user stories/testcases	R	Documentation in progress
Implementation	R	Not Yet
API Reviews and extensions	O	

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Status Sub Projects & Working Groups
DeviceIdentifier

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

Deliverable	R/O	Current status / Achievements
API Definition	R	**Device Identifier API:** Draft version 0.2.0 available here • Minor updates to comply with linting / OAS validation rules No releases yet, waiting for agreement on: • Proposed renaming of device identifier API (Issue #40) • Scope definitions and security scheme (Issue #30) **IMEI Fraud API:** No version available yet • Initial discussions on API scope now started here. Please feel free to contribute.
API doc/user stories/testcases	R	**Device Identifier API:** Documentation embedded within v0.2.0
Implementation	R	No implementations yet available
API Reviews and extensions	O	None

Status Sub Projects & Working Groups DeviceLocation

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

Deliverable	R/O	Current status / Achievements

API Definition	R	• Stable version: 1 API: location-verification v0.1.0
		• **Release Candidate 2** for v0.2.0 of the API family, including 3 APIs:
		    • location-verification v0.2.0, extending input to Area (Circle) and enhancing response details. Guidelines for implementation improved.
		    • location-retrieval v0.1.0, returning device location area (Circle or Polygon)
		    • geofencing v0.1.0 , subscription to devices entering or leaving some area. following CloudEvents format.
		2nd RC after some fixes, to create the second stable release of the API family

API doc/user stories/testcases	R	• All API documentation consolidated within spec. • Following agreements in Commonalities regarding testing.
Implementation	R	Not yet
API Reviews and extensions	O	Issues and PRs under discussion: • PR with proposal for Test Definition for location retrieval. • Support for new geometries (Administrative Code...), after requirements coming from GSMA • Some proposals to enhance/clarify Geofencing behaviour • Waiting to instructions to add linting to the CI, after some local testing

Status Sub Projects & Working Groups
DeviceStatus

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

Deliverable	R/O	Current status / Achievements
API Definition	R	v0.5.0 • Added a new endpoint: /connectivity • Added the support for event notifications, based on CloudEvents, for both roaming and connectivity events. • Added documentation into API definition • Reworked API security, now only Open-ID connect is allowed
API doc/user stories/testcases	R	API documentation updated
Implementation	R	No implementation available yet
API Reviews and extensions	O	Corrections resolving linting errors implemented

Status Sub Projects & Working Groups
Device Swap

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

Deliverable	R/O	Current status / Achievements
API Definition	R	
API doc/user stories/testcases	R	
Implementation	R	
API Reviews and extensions	O	

Status Sub Projects & Working Groups EdgeCloud

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

Deliverable	R/O	Current status / Achievements
API Definition	R	• **Traffic Influence:** v0.9.4 is in progress including user mobility cases For Edge Discovery and app LCM APIs, 2 different APIs at the moment: • **Simple Edge Discovery API** (release v0.9.1) • **EdgeCloud_LCM API** including MVP for Resource management API and Workload Orchestration intents.
API doc/user stories/testcases	R	• **Traffic Influence**: API documentation and user stories contributed. API test cases: drafted including user mobility test cases. Gherkin feature. Security review done. • **Simple Edge Discovery**: API documentation and user stories contributed. API test cases: contributed Gherkin feature for a simple case. Partly validated (tested in two different Vodafone markets). • **EdgeCloud_LCM** documentation and test cases pending.
Implementation	R	No provider implementation (PI) available yet. However: • **Traffic Influence**: Implementation nder validation by Telecom Italia (TIM): • **Simple Edge Discovery**: APartly validated (tested in two different Vodafone markets).
API Reviews and extensions	O	Work in progress for EdgeCloud_LCM API basic intents, with final pull requests near approval. In process of reviewing conformance with API Design Guidelines in all 3 APIs to release stable version.

Status Sub Projects & Working Groups
HomeDevicesQoD

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

Deliverable	R/O	Current status / Achievements
API Definition	R	- current API version v0.2.0 no further functionality will be added for the time being.
API doc/user stories/testcases	R	- Test definitions are available in the repository.
Implementation	R	N/A
API Reviews and extensions	O	- Issue #57 - to align subproject and API spec with Commonalities v0.3.0 release

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Status Sub Projects & Working Groups
IdentityAndConsentManagement

UPDATE

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.
API doc/user stories/testcases	R	- Generated release v0.1.0 of subproject. Initial version of guidelines and documentation that represents the short-term solution agreed in this working group for accessing CAMARA APIs, to be used as a baseline. - Working on release v0.2.0 focused on urgent problems/open issues.
Implementation	R	N/A yet
API Reviews and extensions	O	12 issues, 6 PRs. Main highlights: - Redundancy/Overlapping GSMA and CAMARA doc (#82) - Agreed to have all documents related to CAMARA NBI only in CAMARA. GSMA OGW. - CAMARA OIDC profile (implementation-oriented doc) - WIP Open discussions in PR #113. Various implementation issues are raised, such as mandatory parameters in the Authorize request, CIBA login_hint vs login-hint_token, client secret vs private_key_jwt, etc. CAMARA participants agrees to have CAMARA OIDC profile where these developer-oriented implementation details are written down in black and white.

Status Sub Projects & Working Groups
KnowYourCustomer

UPDATE

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 - Regular meetings held on 19th Dec., 09th Jan., 23rd Jan., 06th Feb - Regular member companies: Telefonica, Orange, Deutsche Telekom, Hutchison, KPN, KDDI - API Definition (YAML) for KYC Match and KYC Fill-in: v0.1.0 published in the Repo and about to be released soon after refinement work (merging API description into the yaml and editing some parameter description) - API Definition (YAML) for KYC Match and KYC Fill-in: v0.2.0 discussion started. Presentation by OIDF on their eKYC-IDA activity on 06th Feb. (to be discussed further) - Age Verification: v0.1.0 discussion just started. Target completion by end of March. Need more contribution / discussion. -
API doc/user stories/testcases	R	- User stories for KYC Match and KYC Fill-in (v0.1.0) available - User story for Age Verification being discussed -
Implementation	R	- Not yet
API Reviews and extensions	O	- N/A

Status Sub Projects & Working Groups NumberVerification

UPDATE

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

Deliverable	R/O	Current status / Achievements
API Definition	R	https://github.com/camaraproject/SimSwap/blob/main/code/API_definitions/sim_swap.yaml
API doc/user stories/testcases	R	Documentation integrated into YAML file
Implementation	R	N/A
API Reviews and extensions		• Release version 0.4.0 • Work on new release that contains recent changes + subscription notification • 4 issues, 4 PR

Status Sub Projects & Working Groups SimSwap

UPDATE

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

Deliverable	R/O	Current status / Achievements
API Definition	R	https://github.com/camaraproject/SimSwap/blob/main/code/API_definitions/sim_swap.yaml
API doc/user stories/testcases	R	Documentation integrated into YAML file
Implementation	R	N/A
API Reviews and extensions	O	• Release version 0.4.0 • Work on new release that contains recent changes + subscription notification • 4 issues, 4 PR

Status Sub Projects & Working Groups OTPvalidationAPI

UPDATE

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

Deliverable	R/O	Current status / Achievements
API Definition	R	https://github.com/camaraproject/OTPvalidationAPI/blob/main/code/API_definitions/one-time-password-sms.yaml
API doc/user stories/testcases	R	https://github.com/camaraproject/OTPvalidationAPI/blob/main/documentation/API_documentation/OTP_SMS_API.md
Implementation	R	N/A
API Reviews and extensions	O	• Release version v0.5.0 • 3 issues, 2 PR

Status Sub Projects & Working Groups
Quality on Demand

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

Deliverable	R/O	Current status / Achievements
API Definition	R	**Second release candidate of v0.10.0 available** https://github.com/camaraproject/QualityOnDemand/releases/tag/v0.10.0-rc2 • clarified notification events in documentation & some minor other changes • final release will be discussed Friday, Feb 9th
API doc/user stories/testcases	R	Documentation inline within API OAS
Implementation(s)	R	Three repositories for Provider Implementations (PI): • QualityOnDemand_PI1 by Deutsche Telekom • QualityOnDemand_PI2 by Orange • QualityOnDemand_PI3 by Spry Fox Networks
API Reviews and extensions	O	**Planning for V0.11.0 started** – initial candidates: • Security schema update • Extend QoS Profile queries to list profiles based on specific users or devices • List endpoint for active session of authenticated user (PR #228) • Test definitions

Status Sub Projects & Working Groups
Site to Cloud VPN

UPDATE

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

Deliverable	R/O	Current status / Achievements
API Definition	R	
API doc/user stories/testcases	R	
Implementation(s)	R	
API Reviews and extensions	O	

Status Sub Projects & Working Groups 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.** camaraproject/WebRTC at v0.1.0 (github.com) API Definition: WebRTC/code/API_definitions at v0.1.0 · camaraproject/WebRTC (github.com)
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) API flow for user story is under review Documentation: FlowBYON by JavierVillaLabarra · Pull Request #21 · 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	O	Under discussion for next releases: ● Emergency calls to be supported is under proposal ● Also add the proper error codes to support this.

Status Sub Projects & Working Groups
APIBacklog

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

Deliverable	Current status / Achievements
Documents	- Live table for API backlog available here. Stable version. - Accepted API proposals stored here.
New Issues	- Open Gateway drop 3 APIs: Device Quality Indicator **(375)**, Best Interconnection **(376)** - Other APIs: Receive SMS **(372)**, CPE management **(378)** - Update API submission guidelines (**368**)
PRs	- **#378** (update API backlog table). - Application templates for those API proposals which have not been discussed yet in TSC.

Announcements	- Draft RACI matrix to clarify roles of GSMA Open Gateway Product, CAMARA API backlog and CAMARA TSC in the API lifecycle management.
	- New API proposals approved:
	    o Short Message Service
	    o Dynamic People Density Information
	    o Device Location Retrieval (new API within Device Location sub project)
	    o Network Slice Booking
	    o Call Forwarding Signal

Status Sub Projects & Working Groups Marketing

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

Deliverable	Current status / Achievements	
Documents	**Outreach Committee implemented** CAMARA Powerpoint template available: template Please use it for all external communication, but also for internal needs	
PRs	2023 events included (with content when available) at CAMARA website Marketing strategy in progress, targets defined 2024 event list in progress	**CAMARA Community Meet & Greet** Monday 26th February 12:00 – 13:30 Room CC8.14, GSMA Knowledge Zone Fira Gran Via, Via Av. Joan Carles I 64 08908 L'Hospitalet de Llobregat Barcelona **CAMARA Evening Reception** – *Sponsored by RedHat with collaboration from Telefonica*
New issues		Tuesday 27th February 19:00 – 21:00 Sala GAUDÍ Eurohotel Gran Via Fira, Carrer de les Ciències, 98-100 08908 L'Hospitalet de Llobregat, Barcelona
Announcements	**CAMARA events at MWC 2024 Barcelona:**	**Open Gateway DevCon** Panel: "The collaboration between GSMA, CAMARA and TM Forum" 28 February, 15:00 – 19:00 Partner Theatre 2, Hall 8.0 – 4YFN & Partner Theatres

Status Sub Projects & Working Groups Release Management

Scope, Meetings, Mailing list:

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

Deliverable	Current status / Achievements
Documents	Release Management Support Services Training was provided to the community ● Links to training materials and recordings within wiki
PRs	N/A
New issues	The Release Management Working Group has two different streams ● Planning and performing the release process for the CAMARA Community ● Creating guidelines for the sub project regarding releases and versioning
Announcements	Two Community Release Managers for CAMARA got nominated by their organizations as volunteers: ● Samuel Adeyemo (Nokia) ● Marouane Balmakhtar (T-Mobile US) Work-in-progress document of release process: https://wiki.camaraproject.org/display/CAM/CAMARA+Release+Process

Thank you!

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