CAMARA
THE TELCO GLOBAL API ALLIANCE

Meta-release Fall 24

Release Management Working Group, 2024-09-12

Release Management Motivation and Benefits

- A **CAMARA meta-release** combines a set of CAMARA API versions into a **consistent** release.

- There will be **two meta-releases per year** (in spring and fall).
  - Network operator can plan their implementations and deployments in production.
  - API consumers can plan the integration in their platform and applications.

- All API versions in a meta-release **fulfill defined quality criteria** and are **compliant to current CAMARA guidelines** like from CAMARA Commonalities and Identity and Consent Management.

- **CAMARA meta-releases** ensure the
  - Availability of consistent API definitions (by use of guidelines, templates, and linting),
  - Quality of API definitions (by use of checklists, test definitions, and release management),
  - Stability of API definitions (clear criteria for stable versus initial API versions) and
  - Reliability of schedule and deliverables (with defined milestones and release candidates).

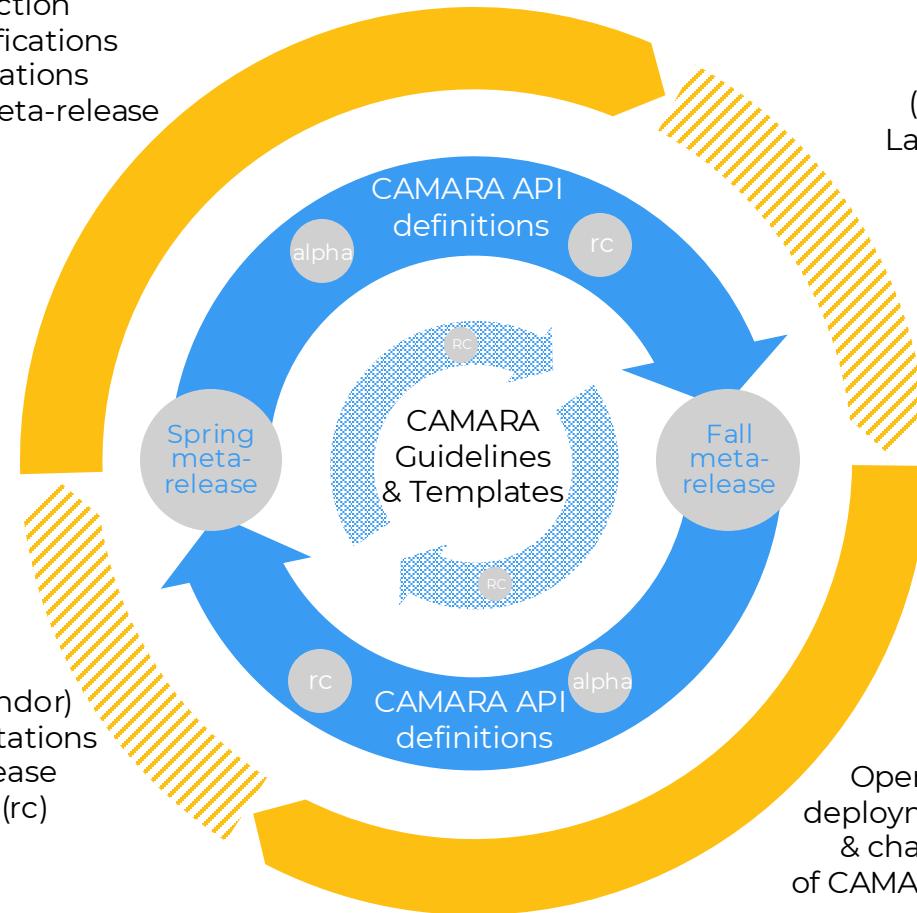- **CAMARA meta-releases** provide the foundation for API version management in production.

Release Management
Release Cycle

CAMARA — THE TELCO GLOBAL API ALLIANCE

- 2 releases each year
  - Fall (in September)
  - Spring (in March)

- Continuous and overlapping cycles
  - Update of CAMARA guidelines
  - Development and updates of API definitions in CAMARA
  - Lab implementations and production deployments at network operators

- Tests of API release candidates
  - Within operator (lab) implementations
  - Based on CAMARA test definitions

- Feedback in all phases
  - From (lab) implementations and deployments to CAMARA API definitions and guidelines
  - From API definition work to CAMARA guidelines

Operator production deployments, certifications & channel integrations of CAMARA Spring meta-release

(Operator/Vendor) Lab implementations & tests of release candidates (rc)

CAMARA API definitions

alpha

rc

RC

Spring meta-release

CAMARA Guidelines & Templates

Fall meta-release

RC

rc

CAMARA API definitions

alpha

(Operator/Vendor) Lab implementations & tests of release candidates (rc)

Operator production deployments, certifications & channel integrations of CAMARA Fall meta-release

For details see https://wiki.camaraproject.org/display/CAM/Meta-release+Process

Meta-release Fall 2024

CAMARA — THE TELCO GLOBAL API ALLIANCE

Stable CAMARA APIs (v1.0.0)
Previous versions launched in at least one market[1]

Number Verification

OTP[1] (SMS) Validation

Location Verification

Sim Swap

Simple Edge Discovery

Updated initial CAMARA APIs (v0.y.z)
Previous versions launched in at least one market[1]

Carrier Billing

Device Roaming Status

Device Reachability Status

KYC[3] Match

KYC[3] Fill-In

Location Retrieval

Home Devices QoD

QoS Profiles

Quality on Demand

New initial APIs (v0.y.z)

Application Profiles

Call Forwarding Signal

Carrier Billing Refund

Connectivity Insights

Population Density Data

QoD Provisioning

New initial APIs to subscribe for event notifications in CloudEvents format (v0.y.z)

Connectivity Insights Subscriptions

Device Reachability Status Subscriptions

Device Roaming Status Subscriptions

Geofencing Subscriptions

SIM Swap Subscriptions

Upcoming APIs
Work in progress or newly started

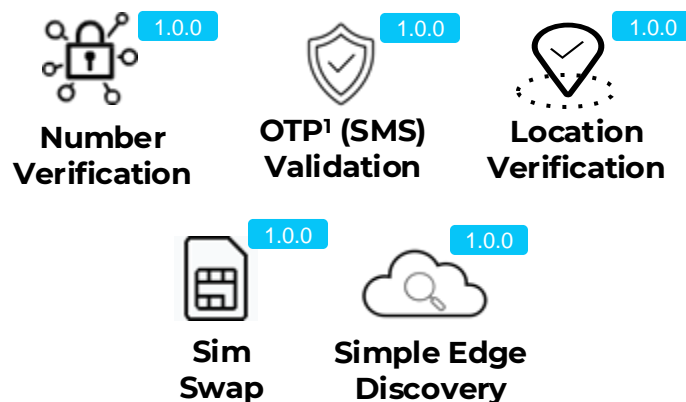|				
Age Verification (KYC[1])	Application Endpoint Discovery (Edge Cloud)	Blockchain Public Address	Click To Dial	Device Data Volume (Device Status)
Device Identifier	Device Quality Indicator (Device Status)	Device Swap	Edge Application Management (Edge Cloud)	Network Access Management (Home Devices)
Network Slice Booking	Number Recycling (KYC[1])	Most Frequent Location (Location Insights)	Region Device Count	Short Message Service
Site to Cloud VPN	Subscription Status (KYC[1])	Tenure (KYC[1])	Traffic Influence (Edge Cloud)	Verified Caller	WebRTC – BYON[2]

Backup

Meta-release Fall 2024

CAMARA
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Stable CAMARA APIs (v1.0.0)
Previous versions launched in at least one market[1]

Number Verification `1.0.0`	**OTP[2] (SMS) Validation** `1.0.0`	**Location Verification** `1.0.0`
Sim Swap `1.0.0`	**Simple Edge Discovery** `1.0.0`	

Updated initial CAMARA APIs (v0.y.z)
Previous versions launched in at least one market[1]

Carrier Billing `0.3.0`	**Device Roaming Status** `0.6.0`	**Device Reachability Status** `0.6.0`	**KYC[3] Match** `0.2.1`
KYC[3] Fill-In `0.2.0`	**Location Retrieval** `0.3.0`	**Home Devices QoD** `0.4.0`	**QoS Profiles** `0.11.0`	**Quality on Demand** `0.11.0`

New initial APIs (v0.y.z)

Application Profiles `0.3.0`	**Call Forwarding Signal** `0.2.0`	**Carrier Billing Refund** `0.1.0`	**Connectivity Insights** `0.4.0`	**Population Density Data** `0.1.1`	**QoD Provisioning** `0.1.0`

New initial APIs to subscribe for event notifications in CloudEvents format (v0.y.z)

Connectivity Insights Subscriptions `0.4.0`	**Device Reachability** Status Subscriptions `0.6.0`	**Device Roaming** Status Subscriptions `0.6.0`	**Geofencing** Subscriptions `0.3.0`	**SIM Swap** Subscriptions `0.1.0`
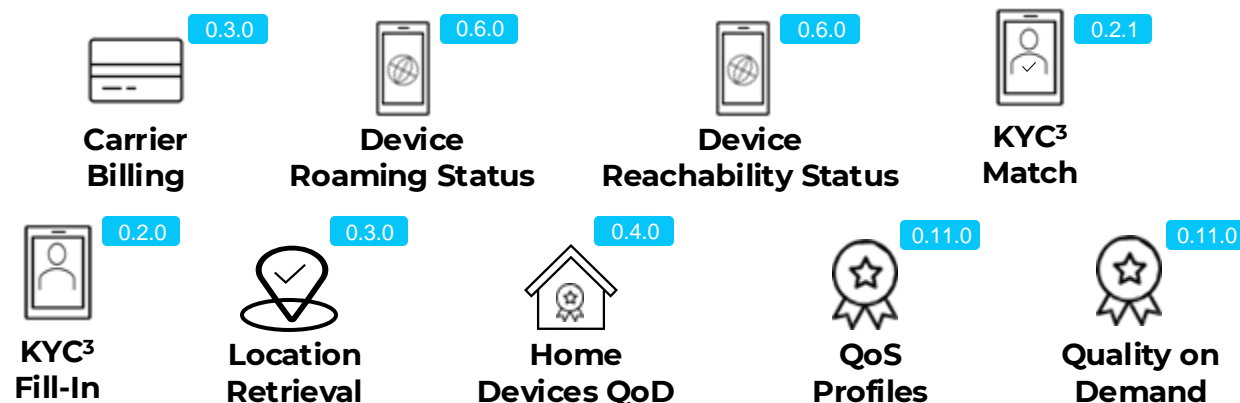
Release Management
API List Fall24 Meta-release

- **Stable APIs (v1.0.0), with previous API versions implemented by network operators:**
  Location Verification, Number Verification, One-time Password SMS, Simple Edge Discovery, SIM Swap

- **Updated initial CAMARA APIs (v0.y.z), previous versions implemented by network operators:**
  Carrier Billing, Device Reachability Status, Device Roaming Status, Home Devices QoD, KYC Fill-In, KYC Match, Location Retrieval, Qos Profiles, Quality-on-Demand

- **New initial APIs (v0.y.z), ready for first implementations by network operators:**
  Application Profiles, Call Forwarding Signal, Carrier Billing Refund, Connectivity Insights, Population Density Data, QoD Provisioning

- **New initial APIs (v0.y.z) to subscribe for event notifications in CloudEvents format:**
  Connectivity Insights Subscriptions, Device Reachability Status Subscriptions, Device Roaming Status Subscriptions, Geofencing Subscriptions, SIM Swap Subscriptions