CAMARA – Edge Cloud Group

May 2022

Edge Cloud API

Telefónica & Capgemini propose a new working group in CAMARA to create the Edge Cloud API.

The reference API will be the Edge Cloud API defined in the OPAG – Group A

This Edge Cloud API, is not a traditional hosting service. Some of its new features are:

- Federation concept defined in the Operator Platform (GSMA)

- Discover adequate edge cloud in the current location of the end users (this discovery is in function of the QoS that need the App)

- Application mobility strategy that includes QoE, geographical store and privacy policies intent

- …

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➢ Edge cloud is not a traditional hosting service but rather an optimal hosting service suited to the connectivity characteristics of the client/user – latency is taken into account to choose the "optimal" node.

➢ Edge Cloud Group is created in GitHub

   GitHub - camaraproject/EdgeCloud: Repository to describe, develop, document and test the EdgeCloud API family

➢ Repository to describe, develop, document and test the Edge Cloud API family

➢ Scope:
  • Service APIs for "Edge Cloud" (see APIBacklog.md)
  • It provides the customer with the ability to:
    o Provide and manage application images to be deployed on resources within the operator network
    o Use reserved compute resources within the operator network for the deployment of applications on VMs or containers
    o NOTE: The scope of this API family should be limited (at least at a first stage) to 4G and 5G.
  • Describe, develop, document and test the APIs (with 1-2 Telcos)
  • Started: April 2022
  • Location: virtually

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➢ Meetings:

- Will be every 2 Weeks

- Meetings are held virtually

- A Doodle poll will be sent out to decide on the specific slot

- Meetings details (scheduler and link) will be in the Edge Cloud group page in GitHub
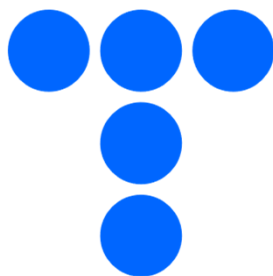
People interested in participating in this group should register at:

https://github.com/camaraproject/EdgeCloud/blob/main/MAINTAINERS.MD

EdgeCloud API

Time Plan:

➢ API description documentation (From OPAG-A) – Will be in the repository next week

➢ First Meeting – Will be the first week of June (Next week I'll send a Doodle poll to close the date)

➢ YAML API – Will be in the repository the second week of June.

Telefónica