

**OPAG #70 Meeting Minutes**

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<b>Date:</b>	01/06/2022	<b>Time:</b>	13:00 – 15:00 BST
<b>Subject:</b>	OPAG #70 Meeting Minutes		
<b>Attendees:</b>			
<i>Chair</i>	Miguel Alejandro Hernandez Armengol	miguelalejandro.hernandezarmengol@telefonica.com	
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<b>GSMA Attendees:</b>	Daniel Okonkwo Mark Cornall Tom Van Pelt Toyeeb Rehman	dokonkwo@gsma.com mcornall@gsma.com tpelt@gsma.com trehman@gsma.com	
<b>Other Attendees:</b>			
<b>Absent / apologies:</b>			

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**Security Classification**

Non-Confidential	Project Team or Group	X
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## **1. GSMA Antitrust Policy and Agenda**

GSMA Anti-trust and US entity list stated were noted.

Agenda for the meeting was discussed and agreed.

## **2. OPAG#69 Meeting minutes and Actions**

Minutes of OPAG#69 were approved.

Action points were reviewed. Action OPAG 60.04 can be closed (see topic on QoD API on the agenda). Deepak intends to bring updates to the OPG topics backlog for actions OPAG 60.02 and 69.01. That should be done shortly to ensure inclusion of those topics in the prioritisation for the MWC Barcelona 24 release. Action OPAG 60.06 is work in progress. Miguel expects that some further CAMARA APIs could be presented in OPAG#70.

## **3. MWC Las Vegas 23 release planning**

Tom provided an overview of the planning for the MWC Las Vegas 23 release of the OP specifications and highlighted that the approval milestones in OPG and OPAG have now been included explicitly and that only 2 further meetings remained until OPAG’s CR deadline for the release.

## **4. Open Gateway: workplan**

Mark presented OPAG\_70\_Doc\_03 discussing the planned topics and activities for the Open Gateway technical work that is integrated in OPG and OPAG. Mark highlighted that since creating the presentation, the planned timing for the weekly meetings has been revised to Thursday afternoon and Friday morning. The topics for the planned workshop are not clear yet as those will depend on the progress till that time, but likely the main focus will be on enhancements for federation and the E/WBI in particular. Mark introduced Daniel who will support Toyeeb in creating a reference implementation that might be used for certification purposes (and that’s available on the GitHub) and who will also support members that are not familiar with Markdown and other GitHub-related topics. Mark also introduced Olu Omobitan, a GSMA project manager supporting the Open Gateway work, who will send the invites for the weekly meetings and the workshop. Toyeeb was asked to present the demo of the reference implementation as part of the AoB of the meeting, but due to lack of time this had to be postponed.

It was asked what governance will be if an issue cannot be resolved on GitHub and needs OPG and/or OPAG guidance given that code development usually runs at a higher pace than those groups. In this case, the issue will be brought up first in the weekly meetings on Open Gateway where an action might be given to a participant to bring the topic to OPG and/or OPAG. There it could be discussed as part of the

standing agenda item on Open Gateway. The development work could then refer to the outcome of the discussion captured in the meeting minutes of the group.

## **5. SBI-NR status and updates**

Miguel presented OPAG\_70\_Doc\_04, a proposed update of the SBI-NR document including the updates for QoS management and control of the Chargeable Party. Only editorial comments were raised that Milan confirmed he can address as editor of the OPG.03 PRD and the consolidated CR to that PRD.

There were no objections against approving the CR.

OPAG\_70\_Doc\_04 is approved.

Milan presented the status of the SBI-NR updates:

- Eddy needs 2 more weeks to bring his proposed update for the Network analytics.
- Sandra may bring the update to cover URSP in OPAG#71.
- Milan is working on an update to cover the enhancements for Mobility Control, but will be on leave during OPAG #71 and #72. He will provide the update to Miguel and brief him on the changes done. Fabrizio may provide input.
- It was highlighted that the CR approved in OPAG#67 was missing from Milan's overview. It was included in OPAG\_70\_Doc\_04 as a baseline.

It was asked how Mobility Control differs from Traffic Influence as both use the same API. It may just be a conceptual difference as both are close to each other and it is therefore reasonable that they are realised through the same 3GPP API. The Mobility control is intended to describe the APIs used when the UE's mobility requires switching to a different anchor point. The Traffic Influence is used to change the UE's anchor point at the request of the API consumer. This may be after the API consumer discovered that the UE has moved to a location where service should be delivered through a different anchor point. The NBI API may even include notifications of such mobility.

Milan confirmed whether SharePoint or Member Gateway should be used for providing the consolidated baseline CRs and other SBI-NR related content. Currently the group is using the Block B folder on SharePoint for that. Likely there will be a switch to Member Gateway from the next release onwards.

## **6. CAMARA QoD API and the OP**

Herbert presented the CAMARA QoD API using [CAMARA's GitHub](#). OPAG's goal is to define how the API can be realised using the OP, specifically:

- Based on what parameters the target network for fulfilling the request should be identified.
- What API parameters to provide to the charging function
- If relevant for the API, what southbound functions are required to fulfil the request and whether all those functions have been defined or gaps exist.

Following comments were made and questions were asked:

- A session is assumed to end when the UE's IP address changes as it is determined by its endpoints.
- Where does the value for the phonenumber parameter come from? That is up to the application and may be based on user input.

- How are SLAs for the different QoS profiles defined? Currently those profiles only determine relative priorities without minimum guarantees. A better definition is desirable though.
- Could a QoS profile be mapped to a slice? That has not been discussed in CAMARA but may indeed be an option for the realisation.
- Should the API include the transport protocol to avoid ambiguity? That is on the backlog, but intention is to avoid overloading the developer with parameters and most applications base on TCP anyway.
- The QoD group is defining a data object that describes the QoS profile.
- Should routing in a federation be done based on the Device Identifier? That seems the best approach indeed but is not straightforward for all identifiers (MSISDN requires solution to handle number portability, IP addresses awareness of the pools of other operators, etc.) and roaming adds further complexity.
- How would the SLA delivered be measured? This has not been discussed yet and could be a separate API.
- When would a stable version be available? This is not clear yet. Intention is to go to v1.0 when the API is stable and can be extended while maintaining backwards compatibility.

## 7. AOB

Nominations for a deputy-chair for OPAG were invited. Given the intensity of OPAG's meeting schedule it would be good to have someone fulfilling that role in case the chair cannot attend. The position is kept open to all OPAG members, including operators, and candidates are invited to make their interest known.

The SliceTF needs a leader as well which would help with topics going across the identified work items (e.g., the structuring of the SBI-OAM documentation).

Next meeting will be OPAG#71 scheduled on the 8<sup>th</sup> June.

Participants were invited to think about topics that they could own or contribute to for the MWC Barcelona 24 release.

Regarding the Summer/Autumn F2F meeting, the OPG leadership has decided to organise that meeting between 16 and 19 October. Candidate hosts for that F2F meeting are invited to make their interest known.

### **#70 meeting closed at 15:05 BST**

## Action points log

### Open action points

Action number	Description	Status	Notes
OPAG 60.02	Deepak to bring a topic on charging on the E/WBI and the level of trust between partners to the OPG	Open	
OPAG 60.06	Miguel to liaise with the CAMARA project leads on whether they can introduce their API(s) to OPAG for the purposes of supporting federation and mapping to the SBI	Open	

OPAG 69.01	Deepak to propose a backlog topic in OPG to cover the authentication/identification of partner OPs when scaling to large federations.	Open	
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#### Closed action points

Action number	Description	Status	Notes
OPAG 60.04	Miguel to align with CAMARA on the intent of the QoD API.	Closed	Covered in OPAG#70

#### Decisions

OPAG.70.01	OPAG_70_Doc_04 is approved.