**3GPP TSG-SA WG4 Meeting #123-eS4-230672**

**Electronic, 17th – 21st April 2023**

**Title: Reply LS on IMS Data Channel**

**Response to: S4-230627 | GSMA UPG06\_110r2**

**Release: Rel-18**

**Work Item:**

**Source: 3GPP SA4**

**To: GSMA UPG, 3GPP SA2**

**Cc:**

**Contact Person:**

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**Attachments: None**

# 1. Overall Description:

SA4 thanks GSMA UPG for acknowledging the requirement to support the use of a single SDP m=line by multiple applications (S4-230627).

SA4 provides the answer for the following question:

**Question to SA4:**

1. Clarify whether it is feasible with the current WebRTC1.0 specification to support multiple application data channels from multiple different applications using a single SDP m=line, or whether there is a need to enhance any additional specification.

2. If it is currently feasible to support multiple application data channels from multiple different applications using a single SDP m= line, to clarify exactly how it can be accomplished.

**Answer from SA4:**

SA4 agrees that the requirement to support the use of a single SDP m=line by multiple applications is reasonable and needs to be considered. But SA4 is not able to provide the clarification required by the LS immediately. Some input from SA2 is needed for SA4 analysis.

SA4 would like to suggest that SA2 confirms the services provided by the DCMF and the signalling procedures in the following scenarios firstly:

For two data channels which are used by multiple applications and share a single SDP m= line,

* **Scenario 1**: their remote endpoints are different ones, for example, one is the local DCMF, the other is the remote DCMF.
* **Scenario 2**: their remote endpoints are the same one, for example, both are the peer UE.

# 2. Actions:

**To GSMA UPG**

**ACTION:** SA4 kindly asks GSMA UPG to take the above information into account.

**To SA2**

**ACTION:** SA4 kindly asks SA2 to confirm the services provided by the DCMF and the signalling procedures in the following scenarios for SA4 analysis:

For the data channels which are used by multiple applications and share a single SDP m= line,

* **Scenario 1**: their remote endpoints are different ones, for example, one is the local DCMF, the other is the remote DCMF.
* **Scenario 2**: their remote endpoints are the same one, for example, both are the peer UE.

# 3. Date of Next SA4 Meetings:

SA4#124 22nd – 26th May 2023 Berlin, Germany

SA4#125 21st – 25th August 2023 Gothenburg, Sweden