**3GPP TSG-SA WG6 Meeting #62 draft S6-243739**

**Maastricht, Netherlands, 19th – 23rd August 2024 (revision of S6-243354, S6-243172)**

**Title: LS on SA6 Answer to GSMA LS on Newly published data channel GSMA PRD TS.66**

**Response to: S6-243012 Newly published data channel GSMA PRD TS.66**

**Release:**

**Work Item:**

**Source:** **3GPP TSG SA WG6**

**To: 3GPP SA**

**Cc: 3GPP SA2, 3GPP SA3, 3GPP SA4**

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**Send any reply LS to: 3GPP Liaisons Coordinator, <mailto:3GPPLiaison@etsi.org>**

**Attachments:**

# 1 Overall description

SA6 received a LS on newly published data channel GSMA PRD TS.66 (S6-243012) from GSMA TSG (Terminal Steering Group).

SA6 was asked to review GSMA PRD TS.66 and answer two question listed below.

***AP1: GSMA kindly asks SA6 to review the attached GSMA TS.66 and provide comments on the relationship between the APIs specified by GSMA and the APIs already existing or planned to be specified by 3GPP.***

**SA6 Answer:**

SA6 has reviewed the attached GSMA TS.66 and believes that there is no relationship between APIs specified by GSMA and the APIs already existing or planned to be specified by 3GPP SA6, since the terminal side APIs specified by GSMA are out of scope of SA6. The W3C WebRTC1.0 based IMS data channel Application Programming Interface (API) for DCMTSI client in terminal can be considered as the reference point between service enabler client in terminal and application client in terminal in SA6, and it is generally considered as implementation specific and out of scopes.

Currently, SA6 is working on the service enablement of MMTel service. The MMTel service is an MTSI service as specified in 3GPP TS 26.114 with or without Data channel support. The related study is documented in 3GPP TR 23.700-92 and the follow up normative work is documented in 3GPP TS 23.392. Both the documents above have not published by 3GPP yet. The main content of this work includes:

i) the application layer architecture and procedures to support the MMTel service, e.g. controlling the downloading of data channel applications on UE by providing data channel application profile to UE.

ii) the service enabler layer capability exposure procedures and related APIs for enablement aspects of MMTel service.

SA6 believes that the i) listed above, which happens in the downloading procedure of data channel applications, needs further collaboration with GSMA TSG and GSMA NG to consider the usage of the procedures specified by SA6.

SA6 believes that the APIs already existing or planned to be specified by SA6, as ii) listed above, is not overlapped with the APIs specified by GSMA TS.66. But the APIs planned to be developed by SA6 may interact with the External Server/content which documented in Annex C and Annex D of GSMA PRD NG.134. SA6 would like to ask GSMA NG whether GSMA NG has plan to develop the APIs used by External Server/content? If yes, what APIs are planned by GSMA? If no, SA6 would like to ask GSMA NG provide any feedback on the gaps in the APIs used by External Server/content, if identified.

**To SA:**

SA6 notices that SA2 is also working on the network APIs exposed by IMS via NEF. Therefore the answer above is insufficient. SA6 would like to ask SA to discuss the suitable text which combines the work on IMS Data Channel API aspect in both SA2, SA4 and SA6 to reply to GSMA.

***AP2:GSMA would like to ask if there are plans to develop a reference implementation to test IMS Data Channel services***

**SA6 Answer:**

No. Currently SA6 has no plan to develop a reference implementation to test IMS Data Channel services since it is out of scope of SA6.

**To SA:**

As GSMA asks about 3GPP plan and the question is also asked to SA4, in addition, SA6 also notices that that RAN5 writes test cases related to CT1 protocols, SA6 believes that it is better to give a combined answer to this question. SA6 would like to ask SA to discuss the suitable text which combines the work on reference implementation to test IMS Data Channel services in both SA4, SA6 and RAN5 to reply to GSMA.

# 2 Actions

**To 3GPP SA**

**ACTION:**

SA6 would like ask SA to discuss the suitable text which combines the work on IMS Data Channel API aspect in both SA2, SA4 and SA6 to reply to GSMA.

SA6 would like to ask SA to discuss the suitable text which combines the work on reference implementation to test IMS Data Channel services in both SA4, SA6 and RAN5 to reply to GSMA.

# 3 Dates of next TSG SA WG 6 meetings

SA6#63 14th October – 18th October 2024 Hyderabad, India

SA6#64 18th November – 22th November 2024 Orlando, USA