**3GPP TSG-SA3 Meeting #115 *S3-240567r1***

Athens, Greece, 26 Feb -1 March 2024 merge of S3-240557, S3-240714

**Title: [draft]Reply LS on the data channel application authorization to access DCMTSI client in terminal signalling services and the general security principles that should apply**

**Response to: S3-240224/ IMSDCAS09\_011 from TSG IMSDCAS to 3GPP SA3 on the data channel application authorization to access DCMTSI client in terminal signalling services and the general security principles that should apply**

**Release: N/A**

**Work Item: N/A**

**Source: SA3**

**To: GSMA TSG IMSDCAS**

**Cc: SA4**

**Contact person: Ivy Guo**

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

**Attachments: N/A**

# 1 Overall description

SA3 would like to thank GSMA TSG IMSDCAS for their LS IMSDCAS09\_011/S3-240224 on the data channel application authorization to access DCMTSI client in terminal signalling services and the general security principles that should apply.

SA3 would like to provide following feedback regarding to the questions in the LS:

1. Review GSMA PRD NG.134 and confirm whether the security mechanism described in section 6.2.1 are sufficient to address 3GPP security requirements.

SA3 answer: There have been no corresponding 3GPP requirements on the issue of DCA accessing DCMTSI client, therefore, SA3 can not provide suggestions regarding whether security mechanism described section 6.2.1 are sufficient.

Besides, SA3 would like to comment that the self-signed certificates in clause 6.2.1.2 does not help improve the security of UE side authentication.

1. Confirm whether 3rd party JavaScript IMS data channel applications downloaded from Data Channel Server should request authorization to access DCMTSI client in terminal service prior to sending SIP re-Invite as required by 3GPP TS 26.114? or JavaScript applications may access and use DCMTSI client in terminal services without the need for authorization?

SA3 answer: SA3 believes the authorization to access DCMTSI client of the 3rd party JavaScript IMS data channel applications is dependent on UE implementations which is out of 3GPP scope.

1. Confirm whether JavaScript data channel applications should seek consensus/permission to execute and control the screen from UE or from any other entity.

SA3 answer:

SA3 believes whether JavaScript data channel applications should seek consensus/permission to execute and control the screen from UE or from any other entity is dependent on UE implementations which is out of 3GPP scope.

Specifically, regarding Q2 and Q3, SA3 believes the JavaScript IMS data channel applications are local applications, and only depends on the UE implementation, which is out of 3GPP scope.

1. Take an action to address any security gaps that there might result from the above points and then recommend the relevant mechanisms.

SA3 answer: SA3 will provide feedback if any.

# 2 Actions

**To GSMA TSG IMSDCAS:**

**ACTION:** SA3 kindly asks GSMA TSG IMSDCAS to take the content of the LS into account.

# 3 Dates of next TSG SA WG 3 meetings

SA3#115ah-e 15-19 April 2024 online

SA3#116 20-24 May 2024 Korea, Jeju