3GPP TSG SA WG2 Meeting #140-e S2-2006011

Electronic, 19 Aug – 02 Sep, 2020

**Title: LS on System support for Multi-USIM devices**

**Response to:**

**Release: Rel-17**

**Work Item: FS\_MUSIM**

**Source: SA2**

**To: SA3**

**Cc: -**

**Contact person: Sašo Stojanovski**

**saso stojanovski intel com**

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

**Attachments:** None

# 1 Overall description

SA2 have progressed the study on FS\_MUSIM (TR 23.761). To finalize the work, SA2 provides the following questions for feedback:

|  |  |  |
| --- | --- | --- |
| **Solution principle for further study in SA2** | **Applicability to Key Issues** | **Question to SA3** |
| Paging Cause (as in Solution #1)  Currently there is the following Editor’s note and NOTE related to this solution principle:  *Editor's note: Whether exposing the Paging Cause in clear poses as security issue will be determined by SA WG3.*  *NOTE: It will be determined whether the Paging Cause can be used only for UEs that have requested MUSIM assistance or unconditionally.* | KI#1. | Q1: Please confirm whether exposing the Paging Cause in cleartext poses any privacy/security issues. |
| Push Notification from a Paging Server (as in Solution #7)  Currently there is the following Editor’s note related to this solution principle:  Editor's note: The security aspects of the communication between UE and Paging Server, including the details for the assignment of UE identity and credential which enable the UE to establish a secure connection with the Paging Server via the Internet, as well as any privacy issues, will be addressed by SA WG3. | KI#1, KI#2 | Q2: Please confirm whether from security perspective you see any blocking issues for the principle of Push Notification from a Paging Server and provide feedback on the security aspects of the communication between UE and Paging Server. |
| Push Notification via SMS (as in Solution #12)  Currently there is the following note related to this solution principle:  NOTE 2: The USIM credential can be reused to validate SMS. The details will be addressed by SA WG3. | KI#1, KI#2 | Q3: Please confirm whether from security perspective you see any blocking issues for the principle of Push Notification via SMS and please provide feedback on the use of the USIM credential to validate the SMS carrying the Push Notification and any privacy issue due to exposing MSISDN to other operator. |
| For the solution “Informing network two USIMs belongs to same device” (new solution in S2-2006018 agreed in SA2#140e) the note below is introduced:  NOTE: If any security issues arise due to above step will be determined by SA3. | KI#1 | Q4: Please confirm whether from security perspective you see any blocking issues in this solution: The registration request message of UE-2 includes the GUTI of UE-1. The UE-1 and UE-2 are part of same MUSIM UE. |

# 2 Actions

**To SA3**

**ACTION:** SA2 kindly asks SA3 to take into consideration the information above and provide answers to the questions above.

# 3 Dates of next TSG SA WG 2 meetings

SA2#141E 12-23 October Electronic meeting

SA2#142E 16-20 November Electronic meeting