**3GPP TSG-SA3 Meeting #101e-Bis *S3-202895***

**e-meeting, 09 - 20 November 2020**

**Title: [DRAFT]** Reply to LS S2-2006011 on System support for Multi-USIM devices

**Response to:** LS S2-2006011 on System support for Multi-USIM devices

**Release:** Release 17

**Work Item:** FS\_MUSIM

**Source:** to be SA3

**To:** SA2

**Cc:**

**Contact Person:**

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

**Attachments:**

**1. Overall Description:**

SA3 thanks SA2 for the LS S2-2006011 on System support for Multi-USIM devices. SA3 discussed the issues raised in the LS and concluded that there are no major blocking issues. SA3 have initiated a study of the security issues involved (S3-202730), with target completion by March 2021. SA3 will inform other WGs when conclusions are reached possibly before this deadline. For the questions raised in the LS, please find below brief initial answers.

*Q1: Please confirm whether exposing the Paging Cause in cleartext poses any privacy/security issues.*

SA3 answer: Security and privacy aspects of exposing paging cause in cleartext is one of the objectives of the SA3 study. But please clarify, whether the Paging message can contain more than one Paging Cause value.

*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.*

SA3 answer: Security of the communication between the UE and the Paging server and exposure of the paging server IP address are to be studied by SA3.

*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.*

SA3 answer: Similar to the above case, Push Notification via SMS is to be studied by SA3. In addition, SA3 would like to have a clarification of the validation scenario using USIM credential. Is the UE while connected to PLMN-A (and using USIM-A), expected to validate the SMS payload from PLMN-B (using the USIM-B)?

*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.*

SA3 answer: Similar to the above case, such optimizations willbe studied by SA3.

**2. Actions:**

**To SA2 group.**

**ACTION:** SA3 requests SA2 to take the above answers in to consideration. Also please clarify the clarification questions in answers to Q1 and USIM validation scenario in Q3.

**3. Date of Next TSG-SA WG3 Meetings:**

SA3#101Bis-e 18 - 22 January 2021 e-meeting

SA3#102-e 22 February - 5 March 2021 e-meeting