TSG SA4#113e meeting ***Tdoc S4-210441***

April 6-14, 2021

**Title:** Draft Reply LS to SA2 on UE Data Collection

**Response to:** S4-210405 (S2-2101342)

**Source:** 3GPP SA4

**To:** 3GPP SA2

**Contact Person:**

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

**Attachments: S4-210xxx (EVEX Work Item Description)**

**1. Overall Description:**

SA4 thanks SA2 for the LS Reply to the SA4 questions on method for collection of data from the UE (in S2-2101342) and for which SA2 poses two follow-up questions to SA4 on UE data collection:

Question nº 1: Whether UE application can also provide a GPSI.

SA4 answer: In the context of 5G Media Streaming, a GPSI in the form of MSISDN may but is not guaranteed to be available to the 5GMS Client (“UE application”) due to uncertainty that this information is provisioned in the USIM depending on national/regional regulations, as well as based on OS-level permissions.

Question nº 2: Whether as already suggested by SA4 (for direct reporting), UE IP address could also be read from the IP header for the case of indirect reporting. Otherwise, how SA4 suggests to identify the UE application at the AF.

SA4 answer: For indirect reporting, there may be IP address translators (NATs) in the path between the UE and the ASP and therefore direct reading of the IP address from the IP header might not always work. On the other hand, as the data sent from the Client App to the ASP (to be later forwarded by the ASP to the AF) is not expected to be defined by SA4 (but envisaged to be carried in some sort of container data structure), the Client App could in principle insert its UE IP address into this data.

SA4 also has the following question for SA2 with regards to S2-2101345 attached to the SA2 LS. It is our understanding that individual or collective data regarding UE mobility characteristics/behaviors (destination, route, average speed and time of arrival) should be made available by the AF to NF consumers such as the NWDAF. Since neither 5GMS nor any other SA4-defined service architecture and protocol specification contains such UE parameters, SA4 assumes the implicit “ask” from SA2 to be that SA4 would support the specification of a data structure in both the interface between the 5GMS Client and the 5GMS AF for direct reporting, and the interface between the 5GMS Application Provider and the 5GMS AF for indirect reporting. Please confirm whether the SA4 assumption is correct and whether SA2 could provide more details including requirements to enable SA4 to define such solution in the Rel-17 5GMS specifications.

Lastly, during SA4#113-e, SA4 has agreed on a new Work Item “EVEX” on 5GMS AF Event Exposure. That document is shared with SA2 as information on planned SA4 normative Rel-17 work on UE data collection and exposure via the AF, and which may be synergistic with related SA2 work activities.

**2. Actions:**

**ACTION 1:** SA4 kindly asks SA2 to check SA4’s responses to the two questions from SA2, and provide any related feedback.

**ACTION 2:** SA4 kindly asks SA2 to respond to our interpretation of the information provided in CR-209. Assuming SA4 correctly interprets the “ask”, please provide more details and requirements to help SA4 determine related functionality to be defined in Rel-17 5GMS specifications.

**ACTION 3:** SA4 kindly asks SA2 to inform us of any request for additional information, related questions or comments on the attached WID.

**3. Date of Next SA4 Meetings:**

SA4#114-e 19 – 28 May 2021 E-meeting

SA4#115-e 18 – 27 August 2021 E-Meeting

SA4#116 15 – 19 November 2021 Marbella, ES