TSG SA4#113e meeting ***Tdoc S4-210xxx***

April 6-14, 2021

**Title: Proposed Draft LS on UE Application to MNO AF Interface**

**Work Item:** **5GMS3**

**Source:** 3GPP SA4

**To:** 3GPP SA3

**Cc:** 3GPP SA2

**Contact Person:**

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**Attachment: TS 26.512**

**1. Overall Description:**

SA4 thanks SA3 for cc’ing us on your recent LS to SA2 (“Reply LS method for collection of data from the UE”). Although the LS makes no mention of specific request or action for SA4, we noticed that the last paragraph in the main body of the LS indicates possible follow-up work by SA3 in response to SA4 decisions:

“*SA3 currently assumes that the interface between the UE application client and the (MNO) AF will be secured by ASP dependent mechanisms. SA3 will consider the security aspects of this interface based on SA4 decision.*”

SA4 wishes to inform SA3 that the first formal instance of an (MNO) AF in SA4 specifications is the so-called 5GMS AF, an Application Function similar to that defined in TS 23.501 and dedicated to 5G Media Streaming. The attached TS 26.512 represents the 5GMS protocols specification. Among the various functionalities supported by the 5GMS AF, the relevant ones in the context of this correspondence are its interactions with the UE application, referred to as the 5GMS Client, over the M5 interface. Those interactions pertain to service access information acquisition, dynamic policy invocation, consumption reporting. metrics reporting, and network assistance request/response, and are performed using the HTTP protocol.

In particular, as documented in TS 26.12 clause 6.2, the 5GMS AF exposes Service Based Interface (SBI) endpoints to the 5GMS Client via both HTTP/1.1 and HTTP/2 for M5 communications. The 5GMS Client, as the SBI service consumer, selects the HTTP protocol version for use. In addition, TS 26.512 indicates that TLS shall be supported and HTTPS should be used for the M5 transactions.

**2. Actions:**

SA4 kindly asks SA3 to take into account the above information with regards to the referenced statement in SA3’s Reply LS to SA2 on method for collection of data from the UE, and provide us any related feedback or questions.

**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