**3GPP TSG-SA3 Meeting #119 S3-245085**

Orlando, US, 11 -15 November 2024

**Title: LS on IMS avatar communication**

**Response to: -**

**Release: Rel-19**

**Work Item: NG\_RTC\_SEC\_Ph2**

**Source: Ericsson (to be SA3)**

**To: SA2**

**Cc:**

**Contact person: Vlasios Tsiatsis**

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

**Attachments:** **None**

# 1 Overall description

SA3 has observed that there is a TS 23.228 CR from the SA2#165 meeting which includes the initial architecture of the IMS avatar communication. However this initial architecture does not include any sequence diagram, or sufficient information which would allow a detailed security proposal in TR 33.790. SA3 expects that SA2 will work on the architecture of the IMS avatar communication in the upcoming SA2#166 meeting.

There are some unclear points in the architecture which would be useful to clarify:

1) Whether the BAR (Base Avatar Repository) is within the 3GPP operator domain or provided by a third party.

2) Whether the BAR is accessible over the NNI interface. More specifically, how can the BAR belonging to operator#1 is accessible to another operator#2 over the NNI?

3) Whether the DC AS (which may handle the interaction with the BAR or the avatar objects themselves) is within the 3GPP operator domain

SA3 would appreciate any feedback from SA2 on these issues.

# 2 Actions

**To SA2**

**ACTION: SA3 kindly requests SA2 to SA3 kindly requests SA2 to consider the above request and provide feedback to SA3 if any.**

# 3 Dates of next TSG SA WG 3 meetings

SA3#120 17 – 21 February 2025 Athens (Greece)

SA3#121 7 – 11 April 2025 Goteborg, Sweden