3GPP TSG WG SA2 Meeting #161 S2-2403028

26 February - 1 March, 2024, Athens, Greece

**Title: Reply LS on Support of interworking between SA4 RTC and IMS**

**Response to: LS on Support of interworking between SA4 RTC and IMS (S2-2401857/S4-232055)**

**Release: Release 18**

**Work Item: FS\_eiRTCW**

**Source: China Mobile (will be SA2)**

**To: SA4**

**Cc: SA1, CT3**

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

**Attachments:**

# 1 Overall description

SA2 thanks SA WG4 for the LS on Support of interworking between SA4 RTC and IMS. SA2 has the following answers to the question from SA4.

**Question:**

Are there any potential impacts on existing IMS specifications from the above NNI-based solution (connecting the WebRTC-based RTC communication network to IMS network, by applying the interworking model specified in 3GPP TS 29.162), considering that the solution uses the interface of existing 3GPP IMS specification without any modifications?

**Answer:**

To analyze the potential impacts / requirements on existing IMS specifications from the proposed NNI-based RTC-IMS interworking solution, it seems that there are several aspects need to be considered other than the SA2 perspective.

At least, following aspects need to be clarified to analyze the impact on RTC-IMS interworking.

1. Regarding the following motivation of RTC-IMS interworking included in the received LS, it needs to be validated by SA1, SA3-LI and operators. SA1 validation is to clarify the demands / service requirements from operators. SA3-LI validation is to confirm the consideration on regulation (e.g., emergency, lawful interception) aspects.

*On the other hand, most of WebRTC-based services are provided on the internet currently, then these services may not need to comply with all aspects of regulation for telephony services. In such case, operators may not choose to enhance the existing IMS network, but to deploy a new RTC network for RTC service and connect the RTC network to IMS network for basic & legacy audio call,*

2. What are the requirements and service scenarios of the RTC-IMS interworking network and where them came from? Have they been discussed with 3GPP SA1?

3. Have the OAM and charging aspects of RTC-IMS interworking been discussed with 3GPP SA5?

4. If the RTC-IMS interworking solution is related to interconnection guidelines (e.g., IPX) in GSMA, the analysis and feedback to the solution by GSMA.

# 2 Actions

**To SA WG4:**

**ACTION:** SA2 kindly asks SA4 group for clarifications regarding the questions above and provide feedback if any.

# 3 Dates of next SA WG2 meetings

SA2#162 15th – 19th Apr. 2024 Changsha, China

SA2#163 27th – 31st May. 2024 TBD, Korea