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.

2. What are the requirements and service scenarios of the RTC-IMS interworking network and have these been discussed in 3GPP SA1?

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

4. If the RTC-IMS interworking solution has impacts to interconnection guidelines (e.g., IPX) in GSMA, was this discussed in GSMA?

# 2 Actions

**To SA WG4:**

**ACTION:** SA2 informs SA4 WG that the above questions need to be answered to analyse the impacts / requirements on existing IMS.

# 3 Dates of next SA WG2 meetings

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

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