3GPP TSG SA WG 4 Meeting 123-e TDoc S4-230626r01

E-meeting, 21-25 April, 2023

**Title: LS on iRTCW signalling protocol**

**Release: 18**

**Work Item: iRTCW**

**Source: SA4**

**To: CT1, CT3, CT4**

**Cc: SA2**

**Contact person: Stéphane Ragot, stephane.ragot@orange.com**

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

**Attachments:** S4-230590

# 1 Overall description

SA4 is currently developing a new specification (TS 26.113 Enabler for Immersive Real-time Communication ) in the scope of the Rel-18 Immersive Real-time Communication for WebRTC (iRTCW) work item. Detailed objectives of this work can be found in SP-221032. In particular, it is planned to identify the minimum information / elements in the control/user (C/U)-Plane signal to establish media sessions with appropriate QoS for WebRTC-based applications; coordination with other WGs, e.g., SA2, RAN1, and RAN2, is identified for the interworking of iRTC clients with 5G systems.The WebRTC signaling protocol for iRTCW (see attached file) will not address nor provide any inter-operability with IMS. The main purpose of the protocol is to enable applications to connect to trusted Application Servers, e.g. to perform split rendering. SA4 would like to bring this proposal to your attention and seek your feedback on the matter.

# There is an ongoing Study Item FS\_eiRTCW for studying the improved WebRTC signalling protocol. The outcome of the SI (i.e., TR 26.930) will be sent to CT WGs when it becomes mature. Interworking with IMS will be addressed by FS\_eiRTCW.2 Actions

**To CT1, CT3, CT4**

**ACTION:** SA4 would kindly solicit feedback on the iRTCW signaling protocol under investigation in SA4.

# 3 Dates of next TSG SA WG 4 meetings

SA4#124 22-26 May, 2023 Berlin, Germany

SA4#125 21-25 August, 2023 Goteborg, Sweden