**3GPP TSG-CT WG1 Meeting #127eC1-20xxxx**

**Electronic meeting, 13-20 November 2020**

**Title: Draft Reply LS on APIs in EDGEAPP**

**Response to: LS C1-207064(S6-202009) on APIs in EDGEAPP from SA6**

**Release: Release 17**

**Work Item: EDGEAPP**

**Source: CT WG1**

**To: SA WG6**

**Cc: CT WG3**

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

**Attachments:** None.

# 1 Overall description

CT1 would like to thank SA6 for sending the “LS on APIs for EDGEAPP” in S6-202009 (C1-207064).

Regarding the information that SA6 will expose the reference points from the network entities of the EDGEAPP architecture towards the Edge Enabler Client in the UE as APIs, CT1 noted SA6 decision and needs further information from SA6 be able to provide an opinion on this issue.

**1.** What is different with the work on EDGEAPP, as compared to the work on SEAL and V2XAPP, which would require such APIs between the UE and network entities? CT1 has specified XML schema based on HTTP for the interface between UE and network entities for SEAL and V2XAPP. One company in CT1 sees feasibility of using NAS protocol for EDGE-4.

**2.** CT1 has concern that API based EDGE-4 may not support subscribe-notify model. The ECS may not able to reach the EEC always when private IP address is used, and if the EEC (UE) acts as an HTTP server, it should be always listening, which will increase the power consumption of the UE.

**3.** Regarding the API modelled as unified service which exposed by the network entity, a network entity interacting with a UE can behave differently than when the same network entity interacts with another network entities. Hence, the responsibility and work split of the stage 3 design between CT1 and CT3 become unclear. CT1 would like to ask SA6 considering on unifying any potential API for the reference points with above mentioned concern.

# 2 Actions

**ACTION:** CT1 kindly ask SA6 to answer the above questions.

# 3 Dates of next TSG CT WG 1 meetings

3GPP TSG CT1#128e TBD E-Meeting

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