**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**

**Attachments:** None.

# 1 Overall description

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

CT1 noted 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. However the exact meaning of APIs is not clear and CT1, before providing its opinion, would like to ask the following questions on the use of APIs.

Question 1:What is the benefit of defining APIs between the UE and network entities in EDGEAPP, as compared to what CT1 has specified with XML schemas based on HTTP in similar cases (see SEAL, V2XAPP),?

Question 2. Do these APIs refer to service-based APIs so as to enable the reuse of services by multiple consumers?

If yes, note that a network entity interacting with a UE can behave differently than when the same network entity interacts with another network entity. Hence, the responsibility and work split of the stage 3 design between CT1 and CT3 become unclear. CT1 would like to ask SA6 to consider this while unifying any potential APIs for the reference points.

Please note also that CT1 has some concerns on the support of subscribe-notify in the EDGE-4 API. The ECS may not always be able to reach the EEC when a 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. In addition, some companies in CT1 see the use of NAS protocol as a feasible option for EDGE-4.

# 2 Actions

**ACTION:** CT1 kindly ask SA6 to answer the above questions and take the information into account.

# 3 Dates of next TSG CT WG 1 meetings

3GPP TSG CT1#128e TBD E-Meeting

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