**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**

**Contact person: Sunghoon Kim**

**sunghoon (at) qti.qualcomm.com**

**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 would like ask questions to SA6.

Questions 1:What is different with the work on EDGEAPP, as compared to what CT1 has specified with XML schema based on HTTP, which would require such APIs between the UE and network entities? (e.g., whether service-based interface or RESTful API is considered for EDGE-1 and/or EDGE-4?)

Question 2. 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 on the API modelled as unified service.

Please note that 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. In addition, some company in CT1 see feasibility of using NAS protocol for EDGE-4.

# 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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