**3GPP TSG-SA WG6 Meeting #50-e S6-222334**

**e-meeting, 22nd – 31st August 2022 (revision of S6-22xxxx)**

**Title: Reply LS on LS to 3GPP SA5 on UE to application server latency**

**Response to: LS S6-222299 on LS to 3GPP SA5 on UE to application server latency from SA6**

**Release: 3GPP Rel-18**

**Work Item: FS\_NSCALE, NSCALE**

**Source:** **3GPP TSG SA WG6#50-e**

**To: GSMA OPG**

**Cc: SA5**

**Contact person: Shaowen Zheng**

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

**Attachments:** **TS 23.700-34, TR 23.700-99**

# 1 Overall description

SA6 would like to thank GSMA OPG for LS on UE to application server latency.

SA6 is providing application layer architecture specifications for 3GPP verticals, the main focus is on enablers for vertical applications (e.g. automotive) and service frameworks (e.g. CAPIF, SEAL, EDGEAPP). In this direction SA6 is specifying the interfaces between the UE (enabler client) and the Application Server (enabler server can be co-located with application specific server).

In particular, for application performance metrics, SA6 is studying the a specific KI (clause 4.3 of 23.700-34) of the measurement of data transmission quality (including end to end latency) between SEALDD client (UE) and SEALDD server (optionally co-located with VAL server) in SEALDD. And some solutions are under study. SA6 would inform GSMA OPG as soon as there are conclusions.

With respect to slicing, SA6 has studied the Network Slice Capability Exposure for Application Layer Enablement as part of a Release 18 Study Item (FS\_NSCALE). As part of this study, it was investigated to allow the slice enablement server (who can be deployed at the vertical or ECSP/ASP side) to get performance data (including latency) from 5GC and OAM system as well as the UEs (NSCE Clients) and QoE data from the application specific servers themselves. For more information, 3GPP TR 23.700-99 is attached (please refer to solutions #4 and solution #5). Currently, the FS\_NSCALE study is being concluded and the explicit API and the information flows would be studied in the normative phase (expected to finalize by March 2023).

SA6 would like to inform GSMA OPG about the ongoing NSCALE and SEALDD work item, and the SA6 mechanisms for addressing the requirement on monitoring the UE to AS latency. SA6 would be interested to get GSMA OPG feedback if any further cooperation is needed.

# 2 Actions

**To GSMA OPG**

**ACTION:** SA6 asks GSMA OPG to kindly consider the information provided above.

# 3 Dates of next TSG SA WG 6 meetings

SA6#51-e 10th October – 19th October 2022 meeting

SA6#52-e 14th November – 18th November 2022 meeting