**3GPP TSG-SA WG6 Meeting #63 S6-244503**

**, 14th – 18th October 2024 (revision of S6-244307)**

**Title: LS on Usage of E2E Data Volume Transfer Time Analytics**

**Release: Rel-19**

**Work Item: FS\_XRApp**

**Source:** 3GPP TSG SA WG6

**To: SA2**

**Cc:**

**Contact person: Jing Yue**

**jing.yue@ericsson.com**

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

**Attachments:** [S6-244309](file:///C:\\3GPP_SA6-ongoing_meeting\\SA_6-63\\docs\\S6-244309.zip)

# 1 Overall description

The study phase for Rel-19 FS\_XRApp is ongoing in SA6. SA6 noticed that the E2E Data Volume Transfer Time Analytics provided by NWDAF can be used for supporting XR data delivery. For example, the predictions of E2E data volume transfer time for uplink/downlink given data volume can be used by the SEALDD server to set the individual QoS parameters (e.g. Requested 5GS Delay) (e.g. the soution introduced in S6-244309). XR traffic is characterized by multiple service flows and a wide variation in data sizes, etc. When request the analytics, a pre-configured data size (or data size range) may be used in the analytics request. After the XR traffic is started, the analytics subscription to the E2E Data Volume Transfer Time Analytics may be modified when the actual data size changed.

SA6 would like to ask SA2 about the following questions related with the E2E Data Volume Transfer Time Analytics:

It is described in TS 23.288 clause 6.18.1: The data volume may be the expected or observed data volume from UE to AF or from AF to UE. The E2E data volume transfer time analytics may be used to assist an AF or NEF with AI/ML-based services, e.g. for member UE selection of federated learning. The usage of E2E Data Volume Transfer Time Analytics for member UE selection of federated learning can be seen as support for best-effort traffic type

**Question 1**:Whether the E2E Data Volume Transfer Time Analytics from NWDAF can be used for GBR and Delay-critical GBR traffic types?

In Table 6.18.2-3 of TS 23.288, transmitted UL/DL data volume is one of the inputs from AF to NWDAF for E2E Data Volume Transfer Time Analytics.

**Question 2:** Whether the analytics subscription can be updated with updated data volume, e.g. when the actual data volume changed after the XR traffic is started?

# 2 Actions

**To SA2**

**ACTION:** SA6 kindly asks SA2 to answer above questions.

# 3 Dates of next TSG SA WG 6 meetings

SA6#64 18th November – 22nd November 2024 Orlando, US

SA6#65 17th February – 21st February 2024 Athens, GR