3GPP TSG SA WG4 Meeting #124 TDoc S4-230868

Berlin, Germany, 22nd–26th May 2023 *Revision of S4-230482*

**Title: Reply LS on alignment of activities on UE data collection, reporting and event exposure**

**Response to: S4-230481 | SP-230294**

**Release: Rel-18/19**

**Work Item:**

**Source:** **3GPP SA4**

**To:** **3GPP SA2**

**Cc: 3GPP SA6**

**Contact person: Richard Bradbury**

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

**Attachments:** None

# 1 Overall description

SA4 acknowledges SA LS on the topic of alignment of activities on UE data collection, reporting and event exposure and provides the following answers to the questions posed.

In the following, the "EVEX framework" is understood to mean:

i. The generic reference architecture for UE data collection, reporting and event exposure as envisaged by SA2 in TS 23.288 and as defined by SA4 in TS 26.531.

ii. The Ndcaf\_DataReportingProvisioning service for provisioning of UE data collection, reporting and event exposure in the Data Collection AF, as specified by SA4 in TS 26.532, as well as northbound exposure of this service by the NEF specified by CT3 in clause 5.24 of TS 29.522.

iii. The Ndcaf\_DataReporting service for UE data reporting, as specified by SA4 in TS 26.532 as well as its northbound exposure by the NEF specified by CT3 in clause 5.23 of TS 29.522.

iv. Use of the Naf\_EventExposure service as defined by SA2 in clause 5.2.19.2 of TS 23.502, and as specified by CT3 in TS 29.517, to expose events to authorised Event Consumer AF instances, as required by SA4 in TS 26.531, as well as southbound exposure of this service by the NEF specified by CT3 in clauses 4.2 and 5.1 of TS 29.591.

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| * Whether SA4 is willing to maintain and enhance the technical specifications that comprise the "EVEX framework" and fulfil any changes necessary based on requirements from other WGs in Rel.18 and future releases that fall within the existing scope of the framework.
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SA4 is currently considering Release 18 requirements from other groups that impact the EVEX framework in TS 26.531 and TS 26.532, in particular from SA6.

SA4 is content for SA to determine the most appropriate Working Group to maintain TS 26.531 and TS 26.532 in subsequent releases.

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| * Whether SA4 is willing to extend the scope of the "EVEX framework", e.g. to fulfil any changes necessary based on requirements from other WGs in future releases.
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SA4 is content for SA to determine the most appropriate Working Group to extend the EVEX framework in future releases.

SA4 recommends that extensions to the scope of the EVEX framework, for example to support the exposure of data analytics to UE Applications (as envisaged by Key Issue #2 in the SA2 *FS\_AIMLsys* Release 18 feasibility study), are defined in new Technical Specifications in order to achieve stability for the features already defined in TS 26.531 and TS 26.532. SA4 recommends following similar modular design principles for each such extension – such as the ability to instantiate a generic reference architecture in a particular data domain – in order to foster the use of uniform architectural design patterns across the 5G System.

# 2 Actions

**To SA**

**ACTION:** SA4 asks SA to take the above information into account.

# 3 Dates of next TSG SA WG 4 meetings

SA4#125 21st–25th August 2023 Gothenburg, Sweden

SA4#126 13th–17th November 2023 Chicago, United States of America