**SA WG2 Meeting ##170 S2-2506205**

**Fukuoka, Japan, 19th May 2025 – 23rd May 2025**

Title: [Draft] Reply LS on Questions on stage 2 requirements for AIML\_CN

Response to: LS on AIML\_CN issues (S2-2506107/ C3-251653)

Release: Rel-19

Work Item: AIML\_CN

Source: SA2

To: CT3

Cc: CT4

**Contact Person:**

**Name:** Dr. Thomas Belling

**E-mail Address:** thomas (dot) belling (at) nokia (dot) com

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

Attachments: CR 1432 for TS 23.288, CR 5420 for TS 23.502, CR 0741 for TS 23.273

**1. Overall Description:**

SA2 thanks CT3 for their LS. SA2 has agreed the attached CRs to address the comments of CT3 and would also like to answer the questions raised by CT3 as follows:

CT3 noticed that the SCP, the NRF, and the UDM, which are analytics consumers of the Signalling Storm analytics according to 3GPP TS 23.288, do not appear in Table 8.1-1 and Table 9.1-1 as NF service consumers of the DCCF and the MFAF.

**Question 1**:

Can Signalling Storm analytics be subscribed (by the SCP, the NRF, the UDM) via the DCCF (potentially using the MFAF)?

**SA2 Answer 1**: SA2 confirms that Signalling Storm analytics be subscribed by the SCP, the NRF, and/or the UDM via the DCCF, and thus agreed to add NRF, SCP, UDM as service consumers of the Ndccf\_DataManagement and Nmfaf\_3caDataManagemen services.

Further, CT3 noticed that the DCCF is also not explicitly mentioned in 3GPP TS 23.273, which defines the Nlmf\_DataExposure service. CT3 also noticed that 3GPP TS 23.288 clause 5A.1 says that "Data Collection Coordination and Delivery is applicable to NWDAFs that request data from a Data Source (e.g. for use in computing analytics)".

**Question 2**:

Can the DCCF be used to collect data using the Nlmf\_DataExposure service?

**SA2 Answer 2**: SA2 agrees that the DCCF can be used to collect data using the Nlmf\_DataExposure service and added it as service consumer of that service.

Finally, CT3 noticed that information about the "used QoS Profile" are needed from the SMF in order to compute QoS and Policy Assistance analytics, according to 3GPP TS 23.288 Table 6.23.2-1. However, no further details about the exposed QoS Profile contents are provided, while the QoS Profile is not specified to be exposed by any event in the definition of the Nsmf\_EventExposure service in 3GPP TS 23.502 clause 5.2.8.3.1.

**Question 3**:

Can information about the used QoS Profile be exposed by the QFI allocation, change, and deallocation events of the Nsmf\_EventExposure service?

**SA2 Answer 3:** Yes, the QoS profile is exposed**.**

**Question 4**:

If the answer to Question 3 is "yes", can SA2 clarify which QoS Profile parameters are relevant to be exposed for QoS and Policy Assistance analytics?

**SA2 Answer 4**: SA2 has the understanding that the QoS profile information signalled to the AN is also exposed via the event. SA2 updated the related text to clarify that the QoS information exposed by the Nsmf\_EventExposure Service via the QFI allocation event consist of the QoS profile as defined in Clause 5.7.1.2 of TS 23.501, including 5QI and QoS characteristics according to Clause 5.7.3 of TS 23.501.

**2. Actions:**

**To CT3 groups.**

**ACTION:** SA2 kindly asks CT3 to take the provided answers into account.

# 3. Date of Next SA2 Meetings:

TSG SA WG2 Meeting #171 13th– 17th October 2025 Wuhan, China

TSG SA WG2 Meeting #172 17th – 21st November 2025 Dallas, US