**3GPP TSG-WG SA2 Meeting #163 S2-2406877**

**27 May – 31 May, 2024, Jeju, Korea**

Title: LS Reply on Internal 5G Core information expose to trusted AF

Response to: (S6-242714) LS on Clarification related to Internal 5G Core information expose to trusted AF

Release: Release 18

Work Item: NSCALE

Source: SA2

To: SA6

Cc: SA3, SA5

**Contact Person:**

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

Attachments: N/A

**1. Overall Description:**

SA2 would like to thank SA6 for the LS on Clarification related to Internal 5G Core information expose to trusted AF

The SA6 LS-in (s6-242714) references a previous SA2 LS reply (S2-2403703) to CT3 (and CC to SA6) regarding the Clarification related to the information exposed by the 5GC to NSCE server. The SA2 LS-reply states: “As described in TS 33.501 clause 5.9.2.3, NEF and the AF shall fulfil the security requirements that include that “Internal 5G Core information such as DNN, S-NSSAI etc., shall not be sent outside the 3GPP operator domain.”

In the same SA2 LS reply, it also states that ‘there is no agreement in SA2 whether a possible associated NSI ID in Load Level Analytics/predictions can be exposed or not to a trusted AF or a NEF’.

Thus, SA6 consults SA2 and SA3’s view on the following questions:

* Whether a trusted AF of an 3GPP operator is considered within the operator’s domain;
	+ If yes, whether it is possible to expose Internal 5G Core information such as DNN, S-NSSAI, etc. to a trusted AF (e.g., a NSCE server).
* Whether the NSI (i.e., Network Slice Instance) and/or NSI ID can be exposed to the trusted AF.

**Question 1**: *Whether a trusted AF of an 3GPP operator is considered within the operator’s domain?*

[**SA2 Reply**] In SA2’s view, a trusted AFs of an 3GPP operator is owned and operated by the 3GPP operator. Thus, it is considered within the operator’s domain.

* + **Follow-up question:** *If yes (to Question 1), whether it is possible to expose Internal 5G Core information such as DNN, S-NSSAI, etc. to a trusted AF (e.g., a NSCE server).*

[**SA2 Reply**] In SA2’s view, whether the Internal 5G Core information such as DNN, S-NSSAI might be exposed to the trusted AF(s) of an 3GPP operator depends on the operator’s policy.

**Question 2**: *Whether the NSI (i.e., Network Slice Instance) and/or NSI ID can be exposed to the trusted AF?*

[**SA2 Reply**] There are two kinds of NSI (i.e., Network Slice Instance) and NSI ID, i.e., one kind in the context of SA5 mainly for the management of network slice, and the other kind in the context of SA2 focusing on the resource provisioning of network slice in 5GC.

* For the NSI and/or NSI ID in the context of SA2, it depends on the operator’s policy whether the NSI and/or NSI ID information might be exposed to the trusted AFs of the 3GPP operator.
* For the NSI and/or NSI ID in the context of SA5, SA2 advises SA6 of contacting SA5 for further clarification.

**2. Actions:**

**To SA6:**

**ACTION:** SA2 kindly requests SA6 to take the information above into account and inform SA2 if further clarifications are needed

**3. Date of Next TSG SA WG2 Meetings:**

TSG-SA2 Meeting #164 19-23 Aug. 2024 Maastricht, NL

TSG-SA2 Meeting #165 14-18 Oct. 2024 Hyderabad, IN