**3GPP TSG-CT WG1 Meeting #134-eC1-22xxxx**

**E-Meeting, 17th – 25th February 2022**

Title: LS on Mapped NSSAI

Release: Rel-17

Work Item: 5GProtoc17

Source: CT1

To: SA2

Cc: ---

**Contact Person:**

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Attachments: ---

**1. Overall Description:**

For several meetings, CT1 has discussed UE requirements regarding the NSSAI mapping during the transfer of a PDU session between HPLMN and VPLMN, or upon a change of the Allowed NSSAI in the Serving PLMN.

To make progress with this issue, CT1 would like to ask SA2 for a clarification regarding the mapped NSSAI.

In several places in TS 23.501, it is indicated that the mapping to HPLMN S-NSSAIs is optional. See, e.g., in clause 5.15.2.1:

The *optional* mapping of Serving PLMN S-NSSAIs to HPLMN S-NSSAIs contains Serving PLMN S-NSSAI values and corresponding mapped HPLMN S-NSSAI values.

CT1 understands that this optionality certainly applies to the non-roaming case. I.e., when the Serving PLMN is the HPLMN, then as a rule it will not provide a mapping.

**Question 1:** Are there any **roaming** scenarios where it is optional for the Serving PLMN to provide a mapped S-NSSAI for any of the Serving PLMN S-NSSAIs?

**Question 2:** If the answer to question 1 is yes, could SA2 please describe for which scenario(s) the Serving PLMN does not need to provide a mapped S-NSSAI for a Serving PLMN S-NSSAI?

**2. Actions:**

**To SA2 group.**

**ACTION:** CT1 kindly asks SA2 to answer CT1's questions.

**3. Date of Next CT4 Meetings:**

CT1#135e 6th - 12th April 2022 electronic meeting

CT1#136e 12th - 20th May 2022 electronic meeting