3GPP TSG CT WG3 Meeting #134 C3-242053\_r2

Changsha, China, 15 - 19 April, 2024 (was C3-241093)

**Title: Reply LS on UPSI handling at the UE**

**Response to: C3-242020 / S2-2313760**

**Release: Rel-18**

**Work Item:** **5GS\_Ph1, TEI18**

**Source: CT3**

**To: CT1**

**Cc: SA2**

**Contact person: Hanna Lim**

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

**Attachments:**

# 1 Overall description

CT3 thanks SA2 on their reply LS on UPSI handling at the UE and their request to CT3 to discuss this topic further and resolve.

Based on the LSes which have been exchanged among CT3 (C3-224697), SA2 (C3-230022 / S2-2211347), CT1 (C3-233020 / C1-234389) and again SA2 (C3-240022 / S2-2313760), it is considered that the case when “*the PCF may provide full list of PSIs to the UE and there may be a potential misalignment between the list of PSIs provisioned at the UE and those sent by the PCF, given that the UE may have removed some or all PSIs*”, exists when serving PCF changes, and CT3 agrees that this potential misalignment needs to be resolved by stage-3 otherwise the UE and the PCF remain not in-sync.

CT3 believes that the misalignment between the UE policies stored in the UE and in the 5GC can be avoided via implementation-specific means, e.g. if the PCF first removes in the UE (one by one) all the UE Policies that need to be removed based on the list of UPSI(s) stored in UDR/PCF and then provides to the UE all determined UE Policies. However, CT3 agrees that these solutions may not be optimal in terms of signaling, but CT3 did not agree to specify any new solution since the misalignment can be avoided.

Accordingly, CT3 would like to inform CT1 and SA2 the NOTE agreed to be included in TS 29.525 this meeting.

NOTE x: There is a possibility of misalignment between the UE Policies determined by PCF and those stored at the UE (which can be caused e.g. by AMF relocation with PCF reselection scenario). This can be avoided if the PCF first removes all the UE Policies that need to be removed in the UE as per the list of UPSI(s) stored in UDR/PCF and then provide to the UE all determined UE Policies based on configuration and implementation specific means.

# 2 Actions

**To: CT1**

**ACTION:** CT3 kindly asks CT1 to take above information into account and consider if any updates to CT1 specifications is required.

# 3 Dates of next TSG CT WG 3 meetings

CT3#135 27th– 31st May 2024 Hyderabad, India