**3GPP TSG-CT WG3 Meeting #125 *C3-225320***

**Toulouse, France, 14th - 18th, November, 2022**

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| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **29.512** | **CR** | **0980** | **rev** | **-** | **Current version:** | **17.8.0** |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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|  |
| ***Title:***  | PCC decision based on the input of TSCTSF |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | IIoT, TEI18 |  | ***Date:*** | 2022-11-18 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-18 |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | The PCF can makes the PCC decision based on the input of the TSCTSF |
|  |  |
| ***Summary of change:*** | Add the TSCTSF or TSN AF as the input entity. |
|  |  |
| ***Consequences if not approved:*** | Incorrect specification. |
|  |  |
| ***Clauses affected:*** | 4.1.3.1 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **x** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | The CR does not impact the OpenAPI file. |
|  |  |
| ***This CR's revision history:*** |  |

\* \* \* \* Start of Changes \* \* \* \*

#### 4.1.3.1 Policy Control Function (PCF)

The PCF is responsible for policy control decisions and flow based charging control functionalities. The PCF provides the following:

- policies for application and service data flow detection, gating, QoS, flow based charging, traffic steering control, usage monitoring control, access traffic steering, switching and steering within a MA PDU Session, access network information report, UMIC, PMIC and TSCAI input container and RAN support information to the SMF.

The policy decisions made by the PCF may be based on one or more of the following:

- Information obtained from the AF, e.g. the session, media and subscriber related information;

- Information obtained from the UDR;

NOTE: For local breakout roaming, session management policy data for the UE as defined in 3GPP TS 29.519 [15] is not available in the VPLMN and V-PCF uses locally configured information according to the roaming agreement with the HPLMN operator. All interactions to the UDR in this document are subject to this restriction.

- Information obtained from the AMF, e.g. UE related and access related information;

- Information obtained from the SMF;

- Information obtained from the NWDAF;

- Information obtained from the NEF;

- Information from the CHF;

- Information from the TSCTSF or TSN AF; and

- PCF pre-configured policy context.

\* \* \* \* End of change \* \* \* \*