**3GPP TSG-CT WG1 Meeting #135-eC1-22xxxx**

**E-Meeting, 12th – 20th May 2022**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.554** | **CR** | **0085** | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **x** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Precedence between the 5G PKMF address provided in the ProSeP by the PCF and by the 5G DDNMF | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | InterDigital, LG Electronics, Lenovo | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5G\_ProSe | | | | |  | ***Date:*** | | | 2022-04-11 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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 can be 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | In C1-223161, precedence between the 5G PKMF address provided in the ProSeP by the PCF and by the 5G DDNMF was undecided hence an EN was added to solve it later:  Editor's note: (WI 5G\_Prose CR 0011) precedence between the 5G PKMF address provided in the ProSeP by the PCF and the 5G PKMF address provided by the 5G DDNMF is FFS.  Following the precedence for parameter provisioning in 23.304 clause 5.1.1, PCF has higher priority over other alternatives. Hence it is proposed to remove the EN and reflect that precedence. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Editors note is removed. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Stage-2 requirements for security for 5G ProSe Communication via 5G ProSe UE-to-Network Relay, over user plane not addressed in stage-3. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 8.2.X.1.2.2(new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS 24.554 CR 0011 | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | | subclause 8.2.X.1.2.2 of this CR replaces subclause 8.2.X.1.2.2 in CR#0011 against TS24.554. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

###### 8.2.X.1.2.2 5G PKMF discovery

The 5G PKMF address can be pre-configured in the UE, provided by the 5G DDNMF or provided in the ProSeP by the PCF.

The UE shall use the 5G PKMF address in the following order of decreasing precedence:

a) provided in the ProSeP by the PCF;

b) provided by the 5G DDNMF; and

c) pre-configured in the ME.

If the UE is pre-configured with the 5G PKMF address, does not have the 5G PKMF address provided in the ProSeP by the PCF and does not have the 5G PKMF address provided by the 5G DDNMF, the UE may access the 5G PKMF using the pre-configured 5G PKMF address without requesting the 5G DDNMF to provide the 5G PKMF address. In case that the UE cannot access the 5G PKMF using the pre-configured 5G PKMF address, the UE may request the 5G DDNMF to provide the 5G PKMF address.

\* \* \* End of Change \* \* \* \*