**3GPP TSG-WG SA2 Meeting #155 *S2-2302293***

**Athens, Greece, February 20 – 24, 2023 (revision of S2-230xxxx)**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **23.501** | **CR** | **4121** | **rev** | **-** | **Current version:** | **18.0.0** |  |
|  |
| *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)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:***  | UE policy delivery for PIN |
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| ***Source to WG:*** | Huawei, HiSilicon |
| ***Source to TSG:*** | SA2 |
|  |  |
| ***Work item code:*** | PIN |  | ***Date:*** | 2023-02-09 |
|  |  |  |  |  |
| ***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)* |
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| ***Reason for change:*** | TR 23.700-88 has concluded that the 5GC can deliver PIN related policy to UE acting as PEGC based on the information received from AF. Therefore, this CR aims to provide a genreal description about UE policy delivery for PIN. |
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| ***Summary of change:*** | 1. 5GC supports to deliver policy related to PIN to UE acting as PEGC when it receives information from AF.
2. PCF can deliver or delete the policy to route the traffic of PIN to UE acting as PEGC when the PIN is created or deleted.
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| ***Consequences if not approved:*** | The specification does not capture the objective of PIN. |
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| ***Clauses affected:*** | 5.X (new), 5.X.b (new) |
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|  | **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:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

\* \* \* \* First change \* \* \* \*

## 5.X Support for Personal IoT Networks

### 5.X.b UE policy delivery for PIN

For UE acting as PEGC registered in 5GS, the 5GC supports the policy delivery to UE for PIN (i.e. URSP rule extended with PIN Identifier) based on the information provided from the AF for PIN as specified in TS 23.502 [3] and TS 23.503 [45] for policy delivery.

When a PIN is created, the policy to route the traffic of PIN is delivered to the UE acting as PEGC by PCF. When a PIN is deleted, the policy is removed by PCF.

\* \* \* \* End of changes \* \* \* \*