**3GPP TSG-SA2 Meeting #154 Adhoc *S2-22xxxxx***

**EMEETING, 16th – 22nd January, 2023**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.502** | **CR** | **-** | **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:*** | Skeleton of PIN - 23.502 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | vivo | | | | | | | | | |
| ***Source to TSG:*** | SA2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | PIN | | | | |  | ***Date:*** | | | 2023-01-16 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | 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 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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | 1st: Update service operations of PCF for adding new parameters for PIN in clause “5.2.5 PCF Services”  2nd: Update service operations of NEF for adding new parameters for PIN in clause “5.2.6 NEF Services”  3rd: Update subscription data IE, add new data subset in UDR for PIN in clause “5.2.12 UDR Services”  4th: **New normative annex** for information flows for PIN | | | | | | | | |

\* \* \* \* 1st change \* \* \* \*

5.2.5 PCF Services

5.2.5.1 General

The following table illustrates the PCF Services.

================================= (exiting text)

TBD (e.g., new parameters update for existing service operator)

\* \* \* \* 2nd change \* \* \* \*

5.2.6 NEF Services

5.2.6.1 General

The following table shows the NEF Services and Service Operations:

================================= (existing text)

TBD (e.g., new parameters update for existing service operator)

\* \* \* \* 3rd change \* \* \* \*

5.2.12 UDR Services

5.2.12.1 General

The following Data Set Identifiers shall be considered in this release: Subscription Data, Policy Data, Application data and Data for Exposure. The corresponding Data Subset Identifiers and Data (Sub)Key(s) are defined in Table 5.2.12.2.1-1.

================================= (existing text)

TBD (e.g., new IE in subscription data, new data subset for PIN)

\* \* \* \* 4th change \* \* \* \*

Annex X (normative):  
Information flows for PIN

# X.1 General

This informative Annex provides the procedures for PIN followed in this technical specification and TS 23.501 [2]. It includes PIN policy configuration and PIN communication configuration.

# X.2 PIN policy configuration

TBD (including create, update, delete, validity, etc.).

# X.3 PIN communication configuration

X.3.1 PIN communication configuration triggered by AF

TBD.

X.3.2 PIN communication configuration triggered by PEGC

TBD.

X.3.3 PIN activation/deactivation triggered by AF

TBD.