**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 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:*** |  |
|  |  |
| ***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.