3GPP TSG SA WG2#166 S2-24xxxxx

Orlando, Florida, 18-22 November 2024 (revision of S)

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| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **23.501** | **CR** | **x** | **rev** | **-** | **Current version:** | **19.1.0** |  |
|  |
| *For* [***HELP***](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:***  | Introduction of EIF services clause. |
|  |  |
| ***Source to WG:*** | Nokia, Verizon, Lenovo |
| ***Source to TSG:*** | SA2 |
|  |  |
| ***Work item code:*** | EnergySys |  | ***Date:*** | 2024-09-25 |
|  |  |  |  |  |
| ***Category:*** | B |  | ***Release:*** | Rel-19 |
|  | *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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19) Rel-20 (Release 20)* |
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| ***Reason for change:*** | This CR introduces text to describe EIF services |
|  |  |
| ***Summary of change:*** | Clause on EIF services added |
|  |  |
| ***Consequences if not approved:*** | Incomplete specification |
|  |  |
| ***Clauses affected:*** | 7.2.x |
|  |  |
|  | **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*

### 7.2.1x EIF Services

The following NF services are specified for EIF:

Table 7.2.x-1: NF Services provided by EIF

| Service Name | Description | Reference in TS 23.288 [86] |
| --- | --- | --- |
| Neif\_AnalyticsSubscription | This service enables the NF service consumers to subscribe/unsubscribe for different type of analytics from EIF. It is an alias of the Nnwdaf\_AnalyticsSubscription provided by the NWDAF, restricted to energy related analytics only. | 7.2 |
| Neif\_AnalyticsInfo | This service enables the NF service consumers to request and get different type of analytics information from EIF or enables EIF to request transfer of analytics context from another EIF. It is an alias of the Nnwdaf\_AnalyticsInfo provided by the NWDAF, restricted to energy related analytics only. | 7.3 |
| Neif\_DataManagement | This service enables the NF service consumer to subscribe/unsubscribe and fetch data from EIF. It is an alias of the Nnwdaf\_DataManagement provided by the NWDAF restricted to energy related analytics data only. | 7.4 |

*End of CHANGES*