**3GPP TSG- Meeting #**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Event Reporting requirements applicability consolidation | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NBI19 | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | |  |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The applicability of specific Event Reporting requirements, which are implemented via the ReportingInformation data type of 29.523 is handled inconsistently in the SEAL APIs, including an incomplete statement and a forgotten re-used data type. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Corrected the ReportingInformation data type details.  Corrected also a wrong data type name in one of the Tables (DataFormat). | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Wrong interpretation of the applicablity of Event Reporting requirements in SEAL APIs leading to interoperability issues. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.1.6.6.1, 7.10.13.6.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 does not impact any OpenAPI. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

7.1.6.6.1 General

This clause specifies the application data model supported by the API.

Table 7.1.6.6.1-1 specifies the data types defined for the SS\_SLPositioningManagement API.

**Table 7.1.6.6.1-1: SS\_SLPositioningManagement API specific Data Types**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data type** | **Section defined** | **Description** | **Applicability** |
| SlPositionMgmtSubsc | 7.1.6.6.2.2 | Represents the SL Positioning Management subscription information. |  |
| SlPositionMgmtSubscPatch | 7.1.6.6.2.3 | Represents the update in the SL Positioning Management subscription. |  |
| SlPositionMgmtNotif | 7.1.6.6.2.4 | Represents the SL Positioning Management notification. |  |
| ValUeInfo | 7.1.6.6.2.5 | Represents the Val UE and its address information. |  |
| SrPosInfoReq | 7.1.6.6.2.6 | Represents the SR Positioning Information Request. |  |
| SrPosFilter | 7.1.6.6.3.6 | Represents the requested SR based positioning information filters. |  |
| SrPosInfoResp | 7.1.6.6.2.7 | Represents the SR Positioning Information Response. |  |
| SrUeList | 7.1.6.6.2.8 | Represents the list of UE identities of SR based positioning. |  |
| SrPosInfo | 7.1.6.6.2.9 | Represents the SR based positioning information. |  |

Table 7.1.6.6.1-2 specifies data types re-used by the SS\_SLPositioningManagement API service.

**Table 7.1.6.6.1-2: SS\_SLPositioningManagement API re-used Data Types**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data type** | **Reference** | **Comments** | **Applicability** |
| 2DRelativeLocation | 3GPP TS 29.572 [31] | Represents 2D local co-ordinates with origin corresponding to another known point. |  |
| 3DRelativeLocation | 3GPP TS 29.572 [31] | Represents 3D local co-ordinates with origin corresponding to another known point. |  |
| DurationSec | 3GPP TS 29.122 [3] | Represents a time duration in units of seconds. |  |
| LocationArea5G | 3GPP TS 29.122 [3] | Represents location information. |  |
| LocationQoS | 3GPP TS 29.572 [31] | Represents the location QoS. |  |
| RangeDirection | 3GPP TS 29.572 [31] | Represents the distance and direction between two points. |  |
| RelativeVelocityWithUncertainty | 3GPP TS 29.572 [31] | Represents relative velocity with uncertainty. |  |
| ReportingInformation | 3GPP TS 29.523 [20] | Used to indicate the reporting requirement. |  |
| SupportedFeatures | 3GPP TS 29.571 [21] | Used to negotiate the applicability of optional features defined in table 7.1.4.6-1. |  |
| Uri | 3GPP TS 29.122 [3] | Used to indicate the notification URI. |  |
| ValServiceArea | Clause 7.1.3.4.2.2 | Represents the VAL service area. |  |
| ValTargetUe | Clause 7.3.1.4.2.3 | Used to indicate either VAL User ID or VAL UE ID, to which location reporting applies. |  |
| ValUeAddrInfo | Clause 7.4.1.4.2.30 | Represents VAL UE address information. |  |

\*\*\* Next Change \*\*\*

7.10.13.6.1 General

This clause specifies the application data model supported by the API. Data types listed in clause 6.2 apply to this API.

Table 7.10.13.6.1-1 specifies the data types defined specifically for the SS\_ADCCF\_DataCollection service.

**Table 7.10.13.6.1-1: SS\_ADCCF\_DataCollection specific Data Types**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data type** | **Section defined** | **Description** | **Applicability** |
| AdccfDataType | 7.10.13.6.2.6 | Represents type of A-DCCF data. |  |
| DataCollectionNotif | 7.10.13.6.2.3 | Represents the Data Collection Notification. |  |
| DataCollectionReq | 7.10.13.6.2.4 | Represents the data collection requirements. |  |
| DataCollectionSub | 7.10.13.6.2.2 | Represents the Data Collection Subscription. |  |
| DataOutput | 7.10.13.6.2.8 | Represents the A-DCCF data output. |  |
| DataType | 7.10.13.6.3.3 | Represents the type of data. |  |
| GranularityType | 7.10.13.6.3.4 | Represents the granularity type. |  |
| ProcessingReq | 7.10.13.6.2.5 | Represents the data processing requirements. |  |
| StorageRequirements | 7.10.13.6.2.7 | Represents the data storage requirements. |  |

Table 7.10.13.6.1-2 specifies data types re-used by the SS\_ADCCF\_DataCollection service:

**Table 7.10.13.6.1-2: Re-used Data Types**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data type** | **Reference** | **Comments** | **Applicability** |
| AnalyticsType | Clause 7.10.1.4.2.6 | Represents the type of analytics. |  |
| DataProducerProfile | Clause 7.10.8.5.2.12 | Represents the data producer profile. |  |
| DurationSec | 3GPP TS 29.122 [3] | Represents a period of time in units of seconds. |  |
| DataFormat | 3GPP TS 29.222 [16] | Represents the data format. |  |
| LocationArea5G | 3GPP TS 29.122 [3] | Represents location information. |  |
| ReportingInformation | 3GPP TS 29.523 [20] | Represents the reporting requirements information. |  |
| SupportedFeatures | 3GPP TS 29.571 [21] | Used to negotiate the supported optional features of the API. |  |
| Uri | 3GPP TS 29.122 [3] | Indicate the notification URI. |  |

\*\*\* End of Changes \*\*\*