**3GPP TSG-CT WG3 Meeting #112e C3-205386**

**E-Meeting, 4th – 13th November 2020 (Revision of C3-205326)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.517** | **CR** | **0025** | **rev** | **1** | **Current version:** | **16.2.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network | **X** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Corrections to location area usage | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eNA, TEI17 | | | | |  | ***Date:*** | | | 2020-10-18 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | "locArea" attribute reuses the TS 29.122 defined type LocationArea5G that includes both internal and external location area information. According to SA2 specifications on the case of trusted AF for Service Experience analytics, NWDAF provides the Area of Interest as a list of TAIs to AF, and TAI information is not exposed to untrusted AF, which is missing in this specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Updates location area descripton for trusted AF and not trusted AF. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Not aligned with TS 23.288 and TS 23.502 TAI related description for Service Experience exposure from AF, Trusted AF within the 5GS and Untrusted AF outside 5GS would receive incorrect location information as event filter for service experience analytics. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.6.2.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 the OpenAPI files. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

#### 5.6.2.5 Type EventFilter

Table 5.6.2.5-1: Definition of type EventFilter

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability  (NOTE 4) |
| gpsis | array(Gpsi) | O | 1..N | Each element represents external UE identifier.  (NOTE 1, NOTE 2) |  |
| supis | array(Supi) | O | 1..N | Each element represents a SUPI identifying a UE (NOTE 1, NOTE 2) |  |
| exterGroupIds | array(ExtGroupId) | O | 1..N | Each element represents a group of UEs identified by an External Group Identifier.  (NOTE 1, NOTE 2) |  |
| interGroupIds | array(GroupId) | O | 1..N | Each element represents a group of UEs identified by an Internal Group Identifier (NOTE 1, NOTE 2) |  |
| anyUeInd | boolean | O | 0..1 | Identifies whether the request applies to any UE.  This attribute shall set to "true" if applicable for any UE, otherwise, set to "false".  May only be present and sets to "true" if "AfEvent" sets to "SVC\_EXPERIENCE" or "EXCEPTIONS".  (NOTE 1, NOTE 2) | ServiceExperience  Exceptions |
| appIds | array(ApplicationId) | O | 1..N | Each element indicates an application identifier.  If absent, the EventFilter data applies to any application (i.e. all applications)  (NOTE 3) |  |
| locArea | LocationArea5G | O | 0..1 | Represents area of interest. (NOTE m) |  |
| NOTE 1: For untrusted AF, only gpsis and exterGroupIds are applicable. For trusted AF, only supis and interGroupIds are applicable.  NOTE 2: For an applicable feature, only one attribute identifying the target UE shall be provided.  NOTE 3: For event "UE\_COMM", "UE\_MOBILITY" and "EXCEPTIONS", the "appIds" attribute, if present, shall include only one element.  NOTE 4: Properties marked with a feature as defined in subclause 5.8 are applicable as described in subclause 6.6 of 3GPP TS 29.500 [5]. If no features are indicated, the related property applies for all the features.  NOTE m: The NetworkAreaInfo data within the LocationArea5G data is only applicable for trusted AF. In addition, for event "SERVICE\_EXPERIENCE", only the " tais " attribute within the NetworkAreaInfo data is applicable for the trusted AF. | | | | | |

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