**3GPP TSG-CT WG3 Meeting #118e C3-215127**

**E-Meeting, 11th – 15th October 2021 (Revision of C3-21xxxx)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.517** | **CR** | **0051** | **rev** | **-** | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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:*** | Updates to User Data Congestion | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eNA\_Ph2 | | | | |  | ***Date:*** | | | 2021-09-20 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | User Data Congestion is missing the feature applicability for any UE in data type EventFilter. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Adding User Data Congestion the feature applicability for any UE in data type EventFilter. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Not completed applicability description for User Data Congestion. | | | | | | | | |
|  | |  | | | | | | | | |
| ***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 file. | | | | | | | | |
|  | |  | | | | | | | | |
| ***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", "EXCEPTIONS" or "USER\_DATA\_CONGESTION".  (NOTE 2) | ServiceExperience  Exceptions  UserDataCongestion |
| 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 5) |  |
| collAttrs | array(CollectiveBehaviourFilter) | O | 1..N | Each element indicates a collective attribute parameter type and value. | CollectiveBehaviour |
| 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", "EXCEPTIONS" and "PERF\_DATA", the "appIds" attribute, if present, shall include only one element.  NOTE 4: Properties marked with a feature as defined in clause 5.8 are applicable as described in clause 6.6 of 3GPP TS 29.500 [5]. If no features are indicated, the related property applies for all the features.  NOTE 5: 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 \*\*\*