**3GPP TSG-CT WG1 Meeting #133-eC1-21XXXX**

**E-meeting, 11-19 November 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.008** | **CR** | **3291** | **rev** | **1** | **Current version:** | **17.4.0** |  |
|  | | | | | | | | |
| *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:*** | Defining container content | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Lenovo, Motorola Mobility | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | ID\_UAS | | | | |  | ***Date:*** | | | 2021-11-11 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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:*** | | The contrbution defines container contents of the protocol configuration options IE with container identity service-level-AA container and the extended protocol configuration container IE with container identity service-level-AA container with length of two octets. The new definition make it feasible to indicate to the target entity whether more data is to come or not. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Using first octet of the container contents of the protocol configuration options IE or the extended protocol configuration options IE to indicate whether there is more data to come or not.  Using second octet of the container contents of the protocol configuration options IE as the number of segment, in case the information element to be transmitted is larger than container contents and therefore needs to be segmented. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The data to be transmitted for the UUAA and C2 pairing authorization for UAS services may exceed the payload of the protocol configuration options IE or the extended protocol configuration options IE. Therefore all information cannot be sent to the target entity. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.5.6.3.X (new), 10.5.6.3.Y (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

>>>>>>>>>> Next change <<<<<<<<<<

##### 10.5.6.3.X Service-level-AA container

The purpose of the *Service-level-AA container* container contents is to:

- include one or more information elements or a partial information element as part of service-level-AA container information element, specified in 3GPP TS 24.501 [167]; and

- indicate whether the container contents includes all information or more information is to come in form of one or more new information elements or a segment of an information element.

The *Service-level-AA container* container contents are coded as shown in figure 10.5.6.3.X-1/3GPP TS 24.008 and table 10.5.6.3.X-1/3GPP TS 24.008.

The *Service-level-AA container* container contents is maximum 250 octets long.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |
| Indicator | | | | | | | | octet 1 |
| Number | | | | | | | | octet 2\* |
| Information payload | | | | | | | | octet 3\*  octet 250\* |

Figure 10.5.6.3.X-1/3GPP TS 24.008: *Service-level-AA container*

Table 10.5.6.3.X-1/3GPP TS 24.008: *Service-level-AA container*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Indicator (octet 1) | | | | | | | | |
| Bit | | | | | | | | |
| **8** | **7** | **6** | **5** | **4** | **3** | **2** | **1** |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | This is the last information payload |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | This is not the last information payload |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | This is the last segment. |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | This is not the last segment. |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | This is the last segment of the last information payload. |
| All other values are reserve | | | | | | | | |
|  | | | | | | | | |
| Number (octet2)  If the indicator has value 00, the number is the number of segment, otherwise Number does not exist. | | | | | | | | |

>>>>>>>>>> Next change <<<<<<<<<<

##### 10.5.6.3.Y Service-level-AA container with length of two octets

The purpose of the *Service-level-AA container* *with length of two octets* container contents is to:

- include one or more information elements as part of service-level-AA container with length of two octets information element, specified in 3GPP TS 24.501 [167]; and

- indicate whether the container contents includes all information or more information is to come in form of one or more new information elements.

The *Service-level-AA container* *with length of two octets* container contents are coded as shown in figure 10.5.6.3.Y-1/3GPP TS 24.008 and table 10.5.6.3.Y-1/3GPP TS 24.008.

The *Service-level-AA container with length of two octets* container contents is maximum 65,528 octets long.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |
| Indicator | | | | | | | | octet 1 |
| Information payload | | | | | | | | octet 2\*  octet 65,528\* |

Figure 10.5.6.3.Y-1/3GPP TS 24.008: *Service-level-AA container with length of two octets*

Table 10.5.6.3.Y-1/3GPP TS 24.008: *Service-level-AA container* *with length of two octets*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Indicator (octet 1) | | | | | | | | |
| Bit | | | | | | | | |
| **8** | **7** | **6** | **5** | **4** | **3** | **2** | **1** |  |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | This is the last information payload |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | This is not the last information payload |
| All other values are reserve | | | | | | | | |
|  | | | | | | | | |

>>>>>>>>>> End of changes <<<<<<<<<<