**3GPP TSG-CT WG1 Meeting #128-eC1-211abc**

**Electronic meeting, 25 February – 5 March 2021 (was C1-211018)**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.587** | **CR** | **0183** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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| --- |
|  |
| ***Title:***  | Allocation of IEI |
|  |  |
| ***Source to WG:*** | Huawei, HiSilicon |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | eV2XARC |  | ***Date:*** | 2021-03-01 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
|  |  |
| ***Reason for change:*** | The specification lack the allocation of the IEI for the UE PC5 unicast signalling security policy information element. |
|  |  |
| ***Summary of change:*** | The IEI of the UE PC5 unicast signalling security policy information elemented is allocated. |
|  |  |
| ***Consequences if not approved:*** | Lack of IEI allocation so the related information element cannot be implemented. |
|  |  |
| ***Clauses affected:*** | 7.3.13.1 |
|  |  |
|  | **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's revision history:*** | Revision 1; specification version corrected on the cover sheet. |

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

#### 7.3.13.1 Message definition

This message is sent by a UE to another peer UE when a PC5 unicast link security mode control procedure is initiated. See table 7.3.13.1.1.

Message type: DIRECT LINK SECURITY MODE COMMAND

Significance: dual

Direction: UE to peer UE

Table 7.3.13.1.1: DIRECT LINK SECURITY MODE COMMAND message content

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| IEI | Information Element | Type/Reference | Presence | Format | Length |
|  | DIRECT LINK SECURITY MODE COMMAND message identity | PC5 signalling message type8.4.1. | M | V | 1 |
|  | Sequence number | Sequence number8.4.2 | M | V | 1 |
|  | Selected security algorithms | Selected security algorithms8.4.18 | M | V | 1 |
|  | UE security capabilities | UE security capabilities8.4.14 | M | LV | 3-9 |
| 59 | UE PC5 unicast signalling security policy | UE PC5 unicast signalling security policy8.4.15 | O | TV | 2 |
| 55 | Nonce\_2 | Nonce8.4.13 | O | TV | 17 |
| 52 | LSBs of KNRP-sess ID | LSBs of KNRP-sess ID8.4.19 | O | TV | 2 |
| 74 | Key establishment information container | Key establishment information container8.4.12 | O | TLV-E | 4-n |
| 62 | MSBs of KNRP ID | MSBs of KNRP ID8.4.20 | O | TV | 3 |