**3GPP TSG-CT WG1 Meeting #128-eC1-21xxxx was C1-210860**

**Electronic meeting, 25 February-05 March 2021**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.587** | **CR** | **0173** | **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 |  |

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|  | | | | | | | | | | |
| ***Title:*** | Source User Info and Target User Info | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | CATT | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eV2XARC | | | | |  | ***Date:*** | | | 2021-02-04 |
|  |  | | | |  | |  | | |  |
| ***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 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-12 (Release 12) Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Source User Info IE and Target User Info IE are definede by TS 24.587, which indicate the Application Layer ID info of the current UE and that of the target UE respectively.  The procedure of PC5 unicast link establishment gives a correct example of how to use these IEs. But in the procedure of PC5 unicast link identifier update, The usage of these IE is misleading and erroneous.  Similar mistakes happen in other optional IE’s description in subclause 7.3.19 and subclause 7.3.20. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Revise the content that misuses the Source User Info IE, Target User Info IE, Target link local IPv6 address and Source link local IPv6 address. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The usage of Source User Info IE, Target User Info IE, Target link local IPv6 address IE and Source link local IPv6 address IE are confusing. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.3.19.2, 7.3.19.3, 7.3.19.4, 7.3.19.5, 7.3.20.2, 7.3.20.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

\*\*\*\*\* change \*\*\*\*\*

#### 7.3.19.2 Target user info

This IE is included if the target UE receives the Source user info IE in the DIRECT LINK IDENTIFIER UPDATE REQUEST message.

\*\*\*\*\* change \*\*\*\*\*

#### 7.3.19.3 Target link local IPv6 address

This IE is included if the target UE receives the Source link local IPv6 address IE in the DIRECT LINK IDENTIFIER UPDATE REQUEST message.

\*\*\*\*\* change \*\*\*\*\*

#### 7.3.19.4 Source user info

This IE is included when the Application layer ID changes at the target UE and the target UE receives a new Application ID from the upper layers.

\*\*\*\*\* change \*\*\*\*\*

#### 7.3.19.5 Source link local IPv6 address

This IE is included when the Link local IPv6 address changes at the target UE.

\*\*\*\*\* change \*\*\*\*\*

#### 7.3.20.2 Target user info

This IE is included when the initiating UE receives the Source user info IE in the DIRECT LINK IDENTIFIER UPDATE ACCEPT message.

\*\*\*\*\* change \*\*\*\*\*

#### 7.3.20.3 Target link local IPv6 address

This IE is included when the initiating UE receives the Source link local IPv6 address IE in the DIRECT LINK IDENTIFIER UPDATE ACCEPT message.