**3GPP TSG-CT WG1 Meeting #137-eC1-22abcd**

**E-Meeting, 18th – 26th August 2022**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.538** | **CR** | **0003** | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
|  | | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Add the coding of Credential information IE | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE | | | | | | | | | |
| ***Source to TSG:*** | CT1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GMARCH | | | | |  | ***Date:*** | | | 2022-08-07 |
|  |  | | | |  | |  | | |  |
| ***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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The coding of Credential information information element is missing. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add the coding of Credential information information element. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The coding of Credential information information element is missing. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | A.2.1.7, A.2.2.15 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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

### A.2.1.7 Registration Request

The Registration Request is sent by the Application Client of the Constrained UE to the MSGin5G Client of the MSGin5G Gateway UE to initiate registration. See table A.2.1.7.

Message type: REGISTRATION REQUEST

Significance: dual

Direction: the Application Client of the Constrained UE to the MSGin5G Client of the MSGin5G Gateway UE

Table A.2.1.7: REGISTRATION REQUEST content

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| IEI | Information Element | Type/Reference | Presence | Format | Length |
|  | Message Type | Message Type  A.2.2.1 | M | V | 1 |
|  | Layer-2 ID | Layer-2 ID  A.2.2.14 | M | V | 3 |
|  | Application ID | Application ID  A.2.2.3 | M | V | 1 |
|  | Credential information | Credential information  A.2.2.15 | M | LV | 3-65537 |

\* \* \* Next Change \* \* \* \*

### A.2.2.15 Credential information

The purpose of the Credential information information element is to carrie credentials from a credentials holder(e.g. application server, the MSGin5G Gateway UE).

The Credential information information element is coded as shown in Figure A.2.2.15-1 and Table A.2.2.15-1.

The Credential information information element is a type 6 information elementwith a minimum length of 3 octets and a maximum length of 65537 octets. .

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |
| Length of Credential information contents | | | | | | | | octet 1 |
|  | | | | | | | | octet 2 |
|  | | | | | | | | octet 3 |
| Credential information contents | | | | | | | |  |
|  | | | | | | | | octet n |

Figure A.2.2.15-1: Credential information information element

Table A.2.2.15-1: Credential information information element

|  |
| --- |
| Payload data is contained in octet 3 to octet n; Max value of 65535 octets. |
| The format of the Credential information contents is out of scope of this specification. |
|  |

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