**3GPP TSG-CT WG3 Meeting #137 C3-245432**

**Hefei, CN, 14 – 18 Oct, 2024 (Revision of C3-245356)**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.522** | **CR** | **1413** | **rev** | **1** | **Current version:** | **19.0.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Corrections to API definitions in UEId API | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson, AT&T, ZTE | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NBI19 | | | | |  | ***Date:*** | | | 2024-10-03 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19) Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The Operation: GetMsisdn clause is missing in the API definitions in UEId API, and the 2nd Operation Definitions in clause 5.25.3.2.3 should not belong to 5.25.3.2 Operation: Retrieve.  Hence needs to add clause 5.25.3.3 Operation: GetMsisdn and 5.25.3.3.1 Description, remove definition in clause 5.25.3.2.3 and add the same contents in clause 5.25.3.3.2. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Clause 5.25.3.2.3: Void.  Add clause 5.25.3.3 Operation: GetMsisdn, clause 5.25.3.3.1 Description.  Remove definition in clause 5.25.3.2.3 and add the same contents in clause 5.25.3.3.2. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Missing the clause of Operation: GetMsisdn and description, mixture of Operation Definition for GetMsisdn under 5.25.3.2 Operation: Retrieve. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.25.3.2.3, 5.25.3.3(new), 5.25.3.3.1(new), 5.25.3.3.2(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 does no impact the OpenAPI file. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

##### 5.25.3.2.3 Void















\*\*\* 2nd Change \*\*\*

#### 5.25.3.3 Operation: GetMsisdn

##### 5.25.3.3.1 Description

The custom operation allows a service consumer to retrieve the UE ID in the form of MSISDN via the NEF.

##### 5.25.3.3.2 Operation Definition

This operation shall support the request and response data structures and response codes specified in table 5.25.3.3.2-1 and table 5.25.3.3.2-2.

Table 5.25.3.3.2-1: Data structures supported by the POST Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| MsisdnReq | M | 1 | Contains the parameters to request to retrieve the UE ID in the form of MSISDN of the UE. |

Table 5.25.3.3.2-2: Data structures supported by the POST Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| MsisdnInfo | M | 1 | 200 OK | Successful case. The requested UE ID in the form of MSISDN of the UE is returned successfully. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative NEF.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [4]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection.  The response shall include a Location header field containing an alternative URI of the resource located in an alternative NEF.  Redirection handling is described in clause 5.2.10 of 3GPP TS 29.122 [4]. |
| ProblemDetails | O | 0..1 | 403 Forbidden | (NOTE 2) |
| ProblemDetails | O | 0..1 | 404 Not Found | (NOTE 2) |
| NOTE 1: The mandatory HTTP error status codes for the HTTP POST method listed in table 5.2.6-1 of 3GPP TS 29.122 [4] shall also apply.  NOTE 2: Failure cases are described in clause 5.25.7. | | | | |

Table 5.25.3.3.2-3: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative NEF. |

Table 5.25.3.3.2-4: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative NEF. |

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