**3GPP TSG-CT WG1 Meeting #133-eC1-216638**

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

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **27.007** | **CR** | **0751** | **rev** | **1** | **Current version:** | **17.3.0** |  |
|  | | | | | | | | |
| *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:*** | AT Command for MUSIM NAS Connection Release | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Apple | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MUSIM | | | | |  | ***Date:*** | | | 2021/10/17 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | A MUSIM capable UE can request the network to release the NAS signalling connection. There needs to be an AT command so that the TE can indicate this to the MT. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Define a new AT command +CNASCREL to enable the TE to indicate the MT to release the NAS signalling connection. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Missing stage-3 functionality to enable the TE to indicate the MT to release the NAS signalling connection. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.1.X (New Clause) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \*\*\*

### 10.1.X NAS connection release +CNASCREL

Table 10.1.X-1: +CNASCREL parameter command syntax

|  |  |
| --- | --- |
| Command | Possible response(s) |
| +CNASCREL | *+CME ERROR: <err>* |
| +CNASCREL? | +CNASCREL: <NAS\_Conn\_Release> |

**Description**

This command enables the MUSIM capable UE to request the network to release the NAS signalling connection for 3GPP access in EPS (see 3GPP TS 24.301 [83], clause 5.5.3.2 and clause 5.6.1), or 5GS (see 3GPP TS 24.501 [161], clause 5.5.1 and clause 5.6.1) due to activity on another USIM. When the TE sends this command to MT, the MT will trigger the release of the NAS signalling connection and immediately return OK.

The read command indicates whether currently the NAS signalling connection is set to be released or not.

Refer clause 9.2 for possible <err> values.

**Defined values**

<NAS\_Conn\_Release>: integer type; indicates whether the NAS signalling connection is set to be released.

0 NAS signalling connection is not set to be released

1 NAS signalling connection is set to be released

**Implementation**

Optional.

\*\*\* end of change \*\*\*