**3GPP TSG-SA2 Meeting # 146E** **(e-meeting)S2-2105807**

 **Elbonia, Aug 16 - 27, 2021 (revision of S2-xxxxxxx)**

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **23.501** | **CR** | **3088** | **rev** | **-** | **Current version:** | **17.1.1** |  |
|  |
| *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 | **X** | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | 5GS Connection release support for 5GC/NR |
|  |  |
| ***Source to WG:*** | Ericsson, Charter, Comcast |
| ***Source to TSG:*** | SA2 |
|  |  |
| ***Work item code:*** | MUSIM |  | ***Date:*** | 2021-08-10 |
|  |  |  |  |  |
| ***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 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:*** | To solve the following EN’s related to Connection Release for MUSIM feature in NR/5GC. Specify the possibility to use AS Connection Release as the possible outcome from RAN WG discussion. |
|  |  |
| ***Summary of change:*** | Specify the possibility to use AS Connection Release.Specify that the selection between AS and NAS connection release procedures in by UE implementation. |
|  |  |
| ***Consequences if not approved:*** | EN remaing unresolved. |
|  |  |
| ***Clauses affected:*** | 5.38.2 |
|  |  |
|  | **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:*** |  |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* START CHANGE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

### 5.38.2 Connection release

A Multi-USIM UE may request the network to release the UE from RRC-CONNECTED state in 3GPP access for a USIM due to activity on another USIM, if both UE and network indicate this feature is supported to each other.

The UE indicates that it requests to be released from RRC-CONNECTED state, by initiating either a Service Request procedure or a Registration procedure (in case the UE needs to perform Registration Update at the same time with this network), including a Release Indication. If supported by the UE, the UE may also provide, only together with the Release Indication, a Paging Restriction Information, as specified in clause 5.38.5, which requests the network to restrict paging. The Paging Restriction Information from the UE is stored in the UE context in the AMF. If no Paging Restriction Information is provided in the Service Request or the Registration Request, any stored Paging Restriction Information in the UE context is removed.

When the UE initiates a Service Request procedure or Registration procedure without providing a Release Indication, the network removes any stored Paging Restriction Information.

An also for NR/5G access, however Paging Restriction Information can’t be provided by the UE using the AS procedure

NOTE 1: Whether a UE initiates Connection Release via the NAS procedure or via the AS procedure, if both are supported by UE and network, depends on the UE implementation.

NOTE 2: When there is no PLMN-wide support for the Connection Release feature, it can occur that upon mobility update with Connection Release request the UE is not released by the network. The UE behaviour, when it detects that the network does not support the feature in a new RA, is outside the scope of this specification.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* END CHANGES \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*