**3GPP TSG-CT WG1 Meeting #133e-bisC1-220583**

**E-meeting, 17-21 January 2022 (was C1-220544)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *9CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.193** | **CR** | **0082** | **rev** | **2** | **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)*.* | | | | | | | | |
|  | | | | | | | | |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Resolution of editor's note on UE assistance data termination procedure | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | ATSSS\_Ph2 | | | | |  | ***Date:*** | | | 2022-01-17 |
|  |  | | | |  | |  | | |  |
| ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | CT1 agreed the CR in C1-217453 which introduced to TS 24.193 the possibility for the UE to inform the UPF of the termination of the UE-assistance operation by sending a PMF-UAT (UE Assistance Termination) message to the UPF as per stage 2 requirements defined by 3GPP TS 23.501.  However, an editor’s note was added, quote:  Editor's note [ATSSS\_Ph2, CR#0064]: Whether the UE uses the percentages of the SDF traffic transmitted over 3GPP access and non-3GPP access indicated in the load balancing steering mode or the percentages of the load balancing steering mode (not SDF) is FFS.  The above editor’s note needs to be resolved.  Note that the UE can have multiple ATSSS rules with just one or a group of them allowing “UE-assistance operation” which are associated with percentage ratios for different SDF traffic. So as for the UE behaviour after UAT, the UE gets back to follow information provided by the ATSSS rules in the UE so different percentages for different SDFs can be used (as per the ATSSS rules). | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The editor’s note is resolved by clarifiying the description of the UE assistance data termination procedure so implementers developed correct implementations avoiding different interpretations. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Remaining editor’s note in the specification. Clause numbers not correct. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.4.a.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \*

#### 5.4.a.1 General

The purpose of the UE assistance data termination procedure is to enable the UE to inform the UPF that the UE assistance data operation is terminated and the UE performs UL traffic distribution according to load balancing percentages of the ATSSS rule received from the network.

If the UE decides to terminate the UE assistance data operation and instead use the split percentages for respective SDF traffic transmitted over 3GPP access and non-3GPP access as indicated in the load balancing steering mode of the ATSSS rules, the UE sends a PMFP UAT command message to the UPF.

NOTE: It is based on UE implementation how the UE decides to terminate applying UL traffic distribution different from the percentages indicated in the load balancing steering mode of the ATSSS rules.



Figure 5.4.9.1-1: UE assistance data termination procedure

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