**3GPP TSG-CT WG1 Meeting #124-eC1-203981**

**Electronic meeting, 2-10 June 2020 *was* C1-203074**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.501** | **CR** | **2223** | **rev** | **1** | **Current version:** | **16.4.1** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Introduction of ATSSS | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | ZTE, InterDigital, Huawei, HiSilicon | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | ATSSS | | | | |  | ***Date:*** | | | 2020-06-08 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | For TS 24.501, existing clause 4.12 is the appropriate place to give general description on ATSSS feature. The title of this clause should be changed to ATSSS as other features specified in clause 4. This clause should give introduction that MA PDU session which is managed with SM procedures is used to implement PDUs between the UE and a data network by simultaneously using one 3GPP access network and one non-3GPP access network. The details of the procedures can refer to clause 5.2 in TS 24.193 which focuses on specifying how to implement ATSSS feature by managing the MA PDU connectivity service procedures. | | | | | | | | |
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| ***Summary of change:*** | | Change the title of clause 4.12.  Add texts on ATSSS introduction. | | | | | | | | |
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| ***Consequences if not approved:*** | | Clause 4.12 is incomplete. | | | | | | | | |
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| ***Clauses affected:*** | | 4.12 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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

## 4.12 Access traffic steering, switching and splitting (ATSSS)

The ATSSS feature is an optional feature that may be supported by the UE and the 5GCN.

The ATSSS feature enables a multi-access PDU connectivity service, which can exchange PDUs between the UE and a data network by simultaneously using one 3GPP access network and one non-3GPP access network. The multi-access PDU connectivity service is realized by establishing a multi-access PDU session, i.e. a PDU session that can have user-plane resources on two access networks.

The UE can request an MA PDU session when the UE is registered via both 3GPP and non-3GPP accesses, or when the UE is registered via one access only. The MA PDU session management is performed based on the PDU session management procedures.

The detailed description of the procedures for ATSSS between the UE and the network across one 3GPP access network and one non-3GPP access network are specified in 3GPP TS 24.193 [13B].

\* \* \* End of Change \* \* \* \*