**3GPP TSG-SA5 Meeting #129e *S5-201156rev1***

**e-meeting, 24 February – 4 March 2020**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **32.255** | **CR** | **0169** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network |  | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Introduction of MA PDU session and PCC Rules | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | ATSSS | | | | |  | ***Date:*** | | | 2020-02-26 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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:*** | | Access Traffic Steering, Switching, Splitting (ATSSS) functionality has been introduced in Rel-16, and the corresponding description for PCC Rules is needed. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Introduce PCC Rules description for ATSSS. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | MA PDU session charging cannot be supported. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.1.5.x(New) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | |  | | |
| ***affected:*** | |  | **X** | Test specifications | | | |  | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | |  | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

|  |
| --- |
| **First change** |

#### 5.1.5.x PCC rules - MA PDU session

As specified with PCC Rule definition in clause 6.3.1 TS 23.503 [202], during MA PDU session handling by the SMF, PCC Rules can be activated with a MA PDU session control information attribute including an optional rating group for Non-3GPP access, in addition to the rating group included in the PCC rule description.

When the MA PDU session control information in a PCC Rule includes a separate rating group for Non-3GPP access, it shall be used by the SMF for the SDF traffic carried via non-3GPP access. The PCC Rule rating group shall be used for the SDF traffic carried via 3GPP access, and all other charging related attributes in the PCC rule shall be the used for both accesses.

When the MA PDU session control information in a PCC Rule does not include any rating group for Non-3GPP access, the PCC Rule rating group shall be used by the SMF for the SDF traffic carried via both accesses (i.e. 3GPP access and non-3GPP access).

|  |
| --- |
| **End of changes** |