**3GPP TSG-SA5 Meeting #142-e *S5-222425rev1***

**e-meeting, 4th – 12th April 2022** Revision of S5-20xxxx

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **32.255** | **CR** | **0** | **rev** | **-** | **Current version:** | **17.5.0** |  |
|  |
| *For* [***HELP***](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:***  | Clarification on sponsored data connectivity charging for LBO |
|  |  |
| ***Source to WG:*** | Huawei, Vodafone |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | CHROAM |  | ***Date:*** | 2022-03-25 |
|  |  |  |  |  |
| ***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:*** | As per the description of TS 23.503, clause 6.2.1.8 Sponsored data connectivity, the sponsored data connectivity is not supported in the roaming with local breakout scenario in this Release. The related sponsored data connectivity charging also can bot supported in the LBO scenaio in this release.  |
|  |  |
| ***Summary of change:*** | Clarify the sponsored data connectivity charging in LBO .  |
|  |  |
| ***Consequences if not approved:*** | Can not be aligned with the SA2 specifications. |
|  |  |
| ***Clauses affected:*** | 5.2.1.9 |
|  |  |
|  | **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** |

#### 5.2.1.9 Sponsored data connectivity charging

The Sponsor Identifier and Application Service Provider Identifier are provided for sponsored data connectivity to the PCF from the AF, according to TS 23.503 [215].

The Sponsor Identifier and Application Service Provider Identity may be included in PCC rules with "offline" charging method from the PCF to the SMF. In this case, charging information collected by the SMF includes the Sponsor Identity and the Application Service Provider Identity. Correlation of charging information from multiple users per sponsor and/or application service provider can then be based on Sponsor Identity and Application Service Provider Identity.

NOTE: Sponsored data connectivity is not supported in the roaming with local breakout scenario in this Release.

|  |
| --- |
| **End of change** |