**3GPP TSG-SA5 Meeting #141-e *S5-221098***

**e-meeting, 17th – 26th January 2022** Revision of S5-20xxxx

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **32.240** | **CR** | **0437** | **rev** | **-** | **Current version:** | **17.4.0** |  |
|  |
| *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:***  | Addition of the 5G LAN-type service Description |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | 5GLAN\_CH |  | ***Date:*** | 2022-01-07 |
|  |  |  |  |  |
| ***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:*** | For the support of 5G LAN service charging, the general description about 5G LAN VN group management and communication charging is introduced. The detailed 5G LAN service charging is required. The terms related 5G LAN-type services in the SA2 and SA5 should be aligned. |
|  |  |
| ***Summary of change:*** | Add the description for the support of 5G LAN service charging.Correcte the "5G LAN VN Group membership management and 5G LAN VN Group Communication" to "5G VN group management and 5G VN group communication". |
|  |  |
| ***Consequences if not approved:*** | The support of the 5G LAN charging is incomplete. |
|  |  |
| ***Clauses affected:*** | 6.2 |
| ***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** |

## 6.2 5G LAN-type service charging

### 6.2.1 General

The 5G LAN-type service specified in the clause 5.34.10 of TS 23.501[215], including the 5G VN group management and 5G VN group communication.

The 5G VN group configuration is either provided by OA&M or provided by an AF to the NEF. The 5G VN group management charging is applicable for the 5G VN group addition/deletion/modification (i.e.5G VN members).

The 5G VN group communication includes one to one communication and one to many communications. The 5G VN group communication charging is applicable for traffic forwarding via PDU session of 5G VN group members.

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