**3GPP TSG-SA3 Meeting #98e *draft\_S3-200371-r1***

**e-meeting, 2 – 6 March 2020**

|  |
| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **33.501** | **CR** | **0764** | **rev** |  | **Current version:** | **16.1.0** |  |
|  |
| *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 | **x** | Core Network | **x** |

|  |
| --- |
|  |
| ***Title:***  | 5GLAN UP security policy |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | S3 |
|  |  |
| ***Work item code:*** |  |  | ***Date:*** | 21.02.2020 |
|  |  |  |  |  |
| ***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 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | The handling of the security for 5GLAN group needs to be introduced.  |
|  |  |
| ***Summary of change:*** | Based on TR 33.819 conclusion for key issue #3.2: UP security policy for the 5GLAN Group. |
|  |  |
| ***Consequences if not approved:*** | No details for security for a 5GLAN group are introduced |
|  |  |
| ***Clauses affected:*** | Annex K.x (new) |
|  |  |
|  | **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:*** |  |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* START OF CHANGE

## K.x Protection of user plane data in 5G LAN group

During establishment of the PDU Session, secondary authentication may be performed in order to authenticate and authorize the UE for accessing the DNN associated with the 5G LAN group according to TS 23.501 [xx]. After the UE is authenticated and data connection is set up, any protected data transported between the UE and NG-RAN is using the mechanisms for UP security as described in clause 6.6.

The same UP security policy should apply to all PDU sessions for all 5G LAN group members in the same 5G LAN group.

NOTE: In case it’s required to have the same activation status for all 5G LAN group members in the same 5G LAN group, the setting "Preferred" cannot be used.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* END OF CHANGE