**3GPP TSG-SA3 Meeting #108e *S3-222103***

**e-meeting, 22 - 26 August 2022**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **33.926** | **CR** | **DRAFT CR** | **rev** | **-** | **Current version:** | **17.4.0** |  |
|  |
| *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)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network |  |

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| ***Title:***  | Threat on UP IP policy selection |
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| ***Source to WG:*** | Huawei, HiSilicon |
| ***Source to TSG:*** | S3 |
|  |  |
| ***Work item code:*** | SCAS\_5G\_Ph2 |  | ***Date:*** | 2022-08-22 |
|  |  |  |  |  |
| ***Category:*** | B |  | ***Release:*** | Rel-18 |
|  | *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)* |
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| ***Reason for change:*** | eNB may support UP IP after R-17, so the corresponding threat needs to be added. |
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| ***Summary of change:*** | Update the threat to TR 33.926. |
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| ***Consequences if not approved:*** | Incomplete security assurance work for the UP IP feature |
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| ***Clauses affected:*** | 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:*** |  |

\*\*\*\*\*\*\*\*\* Begin 1st change\*\*\*\*\*\*\*\*\*

##### C.2.2.x UP integrity protection policy selection

***-*** *Threat name:* UP integrity protection policy selection

***-*** *Threat Category:* Tampering data

***-*** *Threat Description:* When a eNB supports user plane integrity protection, and if the UP integrity protection policy sent by MME does not take precedence over the locally configured one, then the user plane data protection may be disabled which does no longer comply with the service session requirements and exposes the user plane data to tampering attacks.

***-*** *Threatened Asset:* user plane data.

\*\*\*\*\*\*\*\*\* End of change\*\*\*\*\*\*\*\*\*