**3GPP TSG-CT WG1 Meeting #138-eC1-22XXXX**

**E-Meeting, 10th – 14th October 2022**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.502** | **CR** | **0206** | **rev** | **1** | **Current version:** | **17.6.0** |  |
|  | | | | | | | | |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Added PLMN List with AAA connectivity to 5GC IE | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Lenovo | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NSWO\_5G | | | | |  | ***Date:*** | | | 2022-10-10 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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 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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Clause 6.3.12b in TS 23,501 defines a new list of PLMNs advertized by a discovered WLAN which can be used by the UE with the HPLMN listed in the new list of PLMNs to connect to use the 5G NSWO authentication procedure defined in TS 33.501. | | | | | | | | |
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| ***Summary of change:*** | | Added related text for PLMN List with AAA connectivity to 5GC IE. | | | | | | | | |
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| ***Consequences if not approved:*** | | The UE with NSWO authentication capability cannot identify PLMNs for connecting to 5GCN to perform 5G NSWO authentication procedure defined in TS 33.501. | | | | | | | | |
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| ***Clauses affected:*** | | 5.3C (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  |  | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  |  | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  |  | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* NEXT CHANGE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

## 5.3C PLMN selection procedures to perform 5G NSWO authentication procedure

To perform NSWO authentication in 5GS, the UE shall:

a) select:

1) if available, a WLAN listing the UE's HPLMN in its PLMN List with AAA connectivity to 5GC IE (see annex H of 3GPP TS 24.302 [7]); otherwise

2) a WLAN with the highest priority PLMN from the PLMN List with AAA connectivity to 5GC IE; and

b) construct a NAI as specified in clause 28.7.3 of 3GPP TS 23.003 [8].

NOTE: UEs which can perform NSWO in 5GS only use the PLMN List with AAA connectivity to 5GC IE, and the PLMN List with AAA connectivity to 5GC IE is only used by devices which can perform 5G NSWO authentication procedure.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* END OF CHANGES \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***