**3GPP TSG-WG3 Meeting # 124R3-24xxxx**

**Fukuoka, Japan, 20th – 24th May, 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **38.423** | **CR** | **--** | **rev** | **-** | **Current version:** | **18.1.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** | Corrections on MDT for PNI-NPN | | | | | | | | | |
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| ***Source to WG:*** | CATT | | | | | | | | | |
| ***Source to TSG:*** | R3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | | 2024-05-21 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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 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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* *Rel-20 (Release 20)* | |
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| ***Reason for change:*** | | RAN2 sent an LS in R3-243011on the maximum number of PNI NPNs in the Area Scope for MDT, stating that RAN2 supports a maximum of 12 (PLMN) X 12 (CAG) values for UE configuration whereas RAN3 alllows for 256 values of PLMN+CAG. | | | | | | | | |
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| ***Summary of change:*** | | Changes to the semantics description for CAG List for MDT.  Impact Analysis:  Impact assessment towards the previous version of the specification (same release):  This CR has isolated impact with the previous version of the specification (same release) because it only impacts the PNI-NPN part of MDT Configuration for NR.  The impact can be considered isolated because limited to MDT for PNI-NPNs.  The CR is backwards compatible. | | | | | | | | |
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| ***Consequences if not approved:*** | | Mismatch between the RAN3 specifications and the RAN2 specifications for PNI-NPN Area Scope for MDT use in logged MDT | | | | | | | | |
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| ***Clauses affected:*** | | 9.2.3.191 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS 38.413 ... CR 1163 ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

#### 9.2.3.191 CAG List for MDT

This IE is used to identify the list of Public Network Integrated NPNs for MDT.

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| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| **CAG List for MDT** |  | *1..< maxnoofCAGforMDT >* |  | For logged MDT, this list contains a maximum of 144 Public Network Integrated NPNs with a maximum of 12 different PLMN identities, configurable to the CAG-ConfigList IE defined in TS 38.331 [10] where a PLMN ID may be repeated more than once. |
| >PLMN Identity | M |  | 9.2.2.4 |  |
| >CAG-Identifier | M |  | 9.2.2.66 |  |

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| Range bound | Explanation |
| maxnoofCAGforMDT | Maximum no. of CAG IDs for MDT area scope. Value is 256. |