**3GPP TSG-CT1 Meeting #125-e *C1-204926***

**Online, , 20th Aug 2020 - 28th Aug 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.501** | **CR** | **2512** | **rev** | **-** | **Current version:** | **16.5.1** |  |
|  | | | | | | | | |
| *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 |  |

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| ***Title:*** | Add definition of “allowed CAG list” | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | LG Electronics | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Vertical\_LAN | | | | |  | ***Date:*** | | | 2020-08-13 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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 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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | TS24.501 uses “allowed CAG list” term without any definition.  “Allowed CAG list” refers to the TS23.122 as follows.  If the MS supports CAG, the MS can be provisioned with a "CAG information list", consisting of zero or more entries, each containing:  a) a PLMN ID;  b) an "Allowed CAG list". The "Allowed CAG list" contains zero or more CAG-IDs; and  c) an optional "indication that the MS is only allowed to access 5GS via CAG cells".  So, The “allowed CAG list” has to refer to TS23.122 specification. | | | | | | | | |
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| ***Summary of change:*** | | “allowed CAG list” refers to TS23.122. | | | | | | | | |
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| ***Consequences if not approved:*** | | There is no definition of “allowed CAG list” in the TS24.501 | | | | | | | | |
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| ***Clauses affected:*** | | 4.14.3 | | | | | | | | |
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|  | | **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:*** | | Rev.1  It is changed for referring to TS 23.122 for “allowed CAG list” not refereing definition of “allowed CAG list” because there is not definition of “allowed CAG list”. | | | | | | | | |

#### \*\*\*\*\* First change \*\*\*\*\*

### 4.14.3 Public network integrated non-public network (PNI-NPN)

A PNI-NPN is made available by means of e.g. dedicated DNNs or by one or more S-NSSAIs allocated for it. A CAG can be optionally used in order to prevent UEs not allowed to access a PNI-NPN from accessing the PNI-NPN. The key enablers for the CAG in the NAS layer are as follows:

a) CAG selection (see 3GPP TS 23.122 [5]); and

b) provisioning of a "CAG information list" as specified in 3GPP TS 23.122 [5], from network to UE via the generic UE configuration update procedure and the registration procedure.

The "CAG information list" stored in the UE is kept when the UE enters 5GMM-DEREGISTERED state. The "CAG information list", if available, is stored in the non-volatile memory in the ME as specified in annex C. This "CAG information list" is deleted when the USIM is changed or removed.

The UE supporting CAG may perform the initial registration for emergency services via a non-CAG cell in a PLMN for which the UE has an "indication that the UE is only allowed to access 5GS via CAG cells" or via a CAG cell that is not included in the "Allowed CAG list" (see 3GPP TS 23.122 [5]) for the selected PLMN. If a UE supporting CAG having an emergency PDU session is camping on:

a) a CAG cell and none of the CAG-IDs of the CAG cell are included in the "Allowed CAG list" for the current PLMN in the UE's subscription; or

b) a non-CAG cell in a PLMN for which the UE's subscription contains an "indication that the UE is only allowed to access 5GS via CAG cells";

the AMF shall release all non-emergency PDU sessions associated with 3GPP access, if any. The AMF shall not release the emergency PDU session.

NOTE: The emergency services for CAG only UE can be subject to local regulation.

\*\*\*\*\* End of Changes \*\*\*\*\*