**3GPP TSG-CT WG1 Meeting #133e-bisC1-220612**

**E-meeting, 17-21 Jauary 2022**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.229** | **CR** | **6542** | **rev** | **1** | **Current version:** | **17.5.0** |  |
|  | | | | | | | | |
| *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 |  |

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| ***Title:*** | Support for emergency services in SNPN | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eNPN | | | | |  | ***Date:*** | | | 2022-01-19 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | SA2 has in CR#0360 against 23.167 updated the temporary public user identities the UE can use when registering with GBA. The tempory public user identity has been updated in 23.003 (CR#0611) to specify how to derive the information needed for initial IMS registration for SNPN users, when the UE uses an IMSI-based SUPI and the UE is not equipped with an ISIM or an IMC, and when the UE uses a NAI-based SUPI. | | | | | | | | |
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| ***Summary of change:*** | | Modify the text used for GIBA initial registrations to directly refer to 23.003 for how to derive the temporary public user identity. | | | | | | | | |
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| ***Consequences if not approved:*** | | Emergency registration when the UE uses SNPN may not work. | | | | | | | | |
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| ***Clauses affected:*** | | 5.1.1.2.6 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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: Removed clause 3.2 from the CR. Removed one more instance of IMSI derived IMPU from note 1. Modified Reason for change and summary of changes. | | | | | | | | |

\* \* \* First Change \* \* \* \*

##### 5.1.1.2.6 Initial registration using GPRS-IMS-Bundled authentication

On sending a REGISTER request, as defined in subclause 5.1.1.2.1, the UE shall additionally populate the header fields as follows:

a) an Authorization header field as defined in RFC 2617 [21] shall not be included, in order to indicate support for GPRS-IMS-Bundled authentication.

b) the Security-Client header field as defined in RFC 3329 [48] shall not contain signalling plane security mechanisms;

c) a From header field set to a temporary public user identity as defined in 3GPP TS 23.003 [3], as the public user identity to be registered;

d) a To header field set to a temporary public user identity as defined in 3GPP TS 23.003 [3], as the public user identity to be registered;

e) the Contact header field with the port value of an unprotected port where the UE expects to receive subsequent mid-dialog requests; and

f) the Via header field with the port value of an unprotected port where the UE expects to receive responses to the request.

NOTE 1: Since the private user identity is not included in the REGISTER requests when GPRS-IMS-Bundled authentication is used for registration, re-registration and de-registration procedures, all REGISTER requests from the UE use the temporary IMPU as the public user identity even when the implicitly registered IMPUs are available at the UE. The UE does not use the temporary public user identity in any non-registration SIP requests.

On receiving the 200 (OK) response to the REGISTER request defined in subclause 5.1.1.2.1, there are no additional requirements for the UE.

NOTE 2: When GPRS-IMS-Bundled authentication is in use, a 401 (Unauthorized) response to the REGISTER request is not expected to be received.

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