**3GPP TSG-CT WG1 Meeting #136-eC1-223847**

**E-meeting, 12th -20th May 2022 (was\_3124\_2932)**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.501** | **CR** | **4238** | **rev** | **2** | **Current version:** | **17.6.1** |  |
|  |
| *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 | **x** |

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| ***Title:***  | Clarification on the confliction between the NSSRG information IE and the Configured NSSAI IE  |
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| ***Source to WG:*** | vivo |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | eNS\_Ph2 |  | ***Date:*** | 2022-04-28 |
|  |  |  |  |  |
| ***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 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:*** | The NSSRG information IE format has been fixed during CT1#134e, which contains the value of configured S-NSSAI(s). However, how to handle the issue in the UE has not been identified when the number or the contents of configured S-NSSAI(s) in the NSSRG information IE is different from that in the Configured NSSAI IE. |
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| ***Summary of change:*** | The network has a responsibility to send the above two IE in the right format. If the mismatch happens, then the NSSRG informationwill be regarded as a syntactically incorrect optional IE. |
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| ***Consequences if not approved:*** | Missing statements for the conflict between the NSSRG IE and the Configured NSSAI IE. |
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| ***Clauses affected:*** | 5.4.4.2, 5.5.1.2.4, 5.5.1.3.4, 9.11.3.82 |
|  |  |
|  | **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 ...  |
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| ***Other comments:*** |  |
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| ***This CR's revision history:*** | CT1#135e:In the above scenario, the UE shall consider the new configured S-NSSAI(s), which is included in both the NSSRG information IE and the configured NSSAI IE, is valid. In addition, the NSSRG value(s) associated with the valid configured S-NSSAI(s) are accepted.CT1#136e:The network has the responsibility to send the above two IE in the right format. If the mismatch happens, then the NSSARG information IE will be regarded as a syntactically incorrect optional IE. |

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

#### 9.11.3.82 NSSRG information

The purpose of the NSSRG information information element is to identify one or more NSSRG values associated with each of the S-NSSAIs in a configured NSSAI.

The NSSRG information information element is coded as shown in figure 9.11.3.82.1, figure 9.11.3.82.2 and table 9.11.3.82.1.

The NSSRG information is a type 6 information element with minimum length of 7 octets and maximum length of 65538 octets.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |
| NSSRG information IEI | octet 1 |
| Length of NSSRG information contents | octet 2octet 3 |
| NSSRG values for S-NSSAI 1 | octet 4octet m |
| NSSRG values for S-NSSAI 2 | octet m+1\*octet n\* |
| … | octet n+1\*octet u\* |
| NSSRG values for S-NSSAI x | octet u+1\*octet v\* |

Figure 9.11.3.82.1: NSSRG information information element

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |
| Length of NSSRG values for S-NSSAI | octet 4 |
| S-NSSAI value | octet 5octet w |
| NSSRG value 1 for the S-NSSAI | octet w+1 |
| NSSRG value 2 for the S-NSSAI | octet w+2\* |
| … | octet w+3\*octet m-1\* |
| NSSRG value y for the S-NSSAI | octet m\* |

Figure 9.11.3.82.2: NSSRG values for S-NSSAI

Table 9.11.3.82.1: NSSRG information information element

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| --- |
| Value part of the NSSRG information information element (octet 4 to v)The value part of the NSSRG information information element consists of one or more NSSRG values for each S-NSSAI in the Configured NSSAI IE.S-NSSAI value (octet 5 to w)S-NSSAI value is coded as the length and value part of S-NSSAI information element as specified in subclause 9.11.2.8 starting with the second octet. (see NOTE 1) |
| NSSRG value for the S-NSSAI (octet w+1) |
| This field contains the 8 bit NSSRG value. |
| NOTE: The NSSRG information IE shall contain the complete set of (mapped) S-NSSAI(s) included in the configured NSSAI. |

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