**3GPP TSG-CT WG4 Meeting #105-eC4-21**

**E-Meeting, 17th – 27th August 2021 revision of C4-214164**

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| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **29.503** | **CR** | **0673** | **rev** | 1 | **Current version:** | **17.3.0** |  |
|  |
| *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 |  | Core Network | **X** |

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|  |
| ***Title:***  | Clarification on the number of Subscribed S-NSSAIs |
|  |  |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell, CATT |
| ***Source to TSG:*** | CT4 |
|  |  |
| ***Work item code:*** | SBIProtoc17 |  | ***Date:*** | 2021-08-22 |
|  |  |  |  |  |
| ***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)* |
|  |  |
| ***Reason for change:*** | SA2 have agreed (see S2-2104796) to limit the total number of subscribed S-NSSAIs to 16. |
|  |  |
| ***Summary of change:*** | Clarify that the UDM sends at most 16 Subscribed S-NSSAIs to the AMF |
|  |  |
| ***Consequences if not approved:*** | Possible interoperability issues |
|  |  |
| ***Clauses affected:*** | 6.1.6.2.2 |
|  |  |
|  | **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:*** | No impacts to OpenAPI |
|  |  |
| ***This CR's revision history:*** |  |

**\*\*\*\*\*\*\***

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

##### 6.1.6.2.2 Type: Nssai

Table 6.1.6.2.2-1: Definition of type Nssai

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| supportedFeatures | SupportedFeatures | O | 0..1 | See clause 6.1.8 |  |
| defaultSingleNssais | array(Snssai) | M | 1..N | A list of Single Nssais used as default. (NOTE) |  |
| singleNssais | array(Snssai) | O | 1..N | List of non default Single Nssais. (NOTE) |  |
| provisioningTime | DateTime | C | 0..1 | This attribute shall be present if the Nssai is sent to the AMF while reception has not yet been acknowledged from the UE; otherwise shall be absent.This attribute serves as Network Slicing Subscription Change Indication. |  |
| additionalSnssaiData | map(AdditionalSnssaiData) | O | 1..N | A map (list of key-value pairs where singleNssai converted to string serves as key) of additional information related to this single Nssai. | Nssaa, Nsac |
| NOTE: If the NF consumer does not support Nssaa optional feature, the UDM shall not include S-NSSAI(s) subject to Network Slice-Specific Authentication and Authorization in the message body with "200 OK" response (See clause 5.2.2.2.2).The total number of subscribed S-NSSAIs (including default S-NSSAIs and non-default S-NSSAIs) shall not exceed 16. |

\* \* \* End Of Change \* \* \* \*