**3GPP TSG-CT WG1 Meeting #136-eC1-22XXXX**

**E-Meeting, 12th – 20th May 2022**

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.549** | **CR** | **0011** | **rev** | **1** | **Current version:** | **17.0.0** |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | SNSCE server HTTP procedure |
|  |  |
| ***Source to WG:*** | Lenovo |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | eSEAL |  | ***Date:*** | 2022-05-12 |
|  |  |  |  |  |
| ***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:*** | The structure has been changed to introduce network slice configuration which may be the network slice adaptation. This way the spec is future proof for the scenarios when the configuration can be something else. |
|  |  |
| ***Summary of change:*** | Added new parameter for configuration ID which may be set to the value of the "slice adaptation".Modified existing title to show the existing SNSCE server procedure is HTTP procedure. |
|  |  |
| ***Consequences if not approved:*** | The solution is not future proof. |
|  |  |
| ***Clauses affected:*** | 6.2.2.3 |
|  |  |
|  | **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:*** |  |

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

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

#### 6.2.2.3 SNSCE server HTTP procedure

Upon receipt an HTTP PUT request:

a) with a Request-URI according to "{apiRoot}/su\_nsc/val-services/{valServiceId}/configurations/{configurationId} identifying:

1) "valServiceId" identifying the VAL application; and

2) "configurationId" identifying the slice adaptation configuration; and

b) with a body containing:

1) VAL UE list with one or more VAL UEs;

2) requested S-NSSAI;

3) optionally requested DNN; and

4) optionally configuration cause,

, the SNSCE-S shall determine the sender identity as specified in clause 6.2.1.1 to confirm whether the sender is authorized or not. If:

a) the sender is not an authorized user, the SNSCE-S shall respond with an HTTP 403 (Forbidden) response message and avoid the rest of steps; or

b) the sender is an authorized user, the SNSCE-S:

1) shall attempt to update the network S-NSSAI for one or more VAL UEs with the identities listed in the VAL UE list for the VAL service, identified by VAL service ID by using the parameters for requested S-NSSAI, requested DNN and configuration cause from the HTTP PUT request message;

NOTE 1: To update the application traffic, the SNSCE-S can act as an AF and use the reference point N33 as shown in 3GPP TS 23.434 [2] to influence a VAL UE's URSP rules for the application traffic by providing a guidance on the route selection parameters S-NSSAI and DNN as described in clause 4.15.6.10 of 3GPP TS 23.502 [2A].

NOTE 2: Whether and how the SNSCE-S can update the network S-NSSAI for all VAL UEs for the VAL service, is out of the scope of this release.

2) shall send the updated network S-NSSAI and any DNN to the PCF, if the update is successful, 3GPP TS 23.434 [2]; and

3) shall send an HTTP 200 response message containing the successful status or an error response for the failure status of the requested network slice adaptation to the SNSCE-C.

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