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

**E-Meeting, 12th – 20th May 2022**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **24.549** | **CR** | **0008** | **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)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network | **X** |

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|  |
| ***Title:***  | HTTP parameters |
|  |  |
| ***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 for the annex is not well-defined by current titles and number of subclauses.
* The structure has been changed to introduce configuration which may be slice adaptation. This way the spec is future proof for the scenarios when the slice configuration can be something else.
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|  |  |
| ***Summary of change:*** | * Made the annex specifically for HTTP.
* Re-org the annex having subclause A.1 and A.2 with better titles.
* Added a new parameter to describe the configuration ID which can be set to the value of "slice adaptation".
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| ***Consequences if not approved:*** | Inconsistency in the structure of the annex and the content is not future proof. |
|  |  |
| ***Clauses affected:*** | Annex A, A1, A.1.1, A.1.2, A.3(new) |
|  |  |
|  | **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 \* \* \* \*

Annex <A> (normative):
HTTP resource representation and encoding

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

# A.1 General

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

The information in this annex provides a description for the HTTP parameters transmitted by the SNSCE-C to the SNSCE-S to trigger a network slice configuration such as the network slice adaptation for one or more VAL UEs within a VAL service.

\* \* \* Next Change \* \* \* \*

# A.2 Resource representation and APIs for event triggered network slice configuration

## A.2.1 ETN\_Configuration API

#### A.2.1.1 API URI

The HTTP URIs used in HTTP requests from SNSCE-C towards the SNSCE-S shall have the Resource URI structure as defined in clause B.2.1.2.2.2 which is {apiRoot}/su\_nsc/<apiVersion>/val-services/{valServiceId}/configurations/{ConfigurationId}, where

a) {valServiceId} is set to the value of the "VAL Service ID" of the VAL application; and

b) {ConfigurationId} is set to the identity of the configuration.

#### A.2.1.2 Resources

##### A.2.1.2.1 Overview

##### A.2.1.2.2 Resource: Configuration

###### A.2.1.2.2.1 Description

###### A.2.1.2.2.2 Resource Definition

The SNSCE-C uses the parameters shown in table A.2.1.2.2.2-1 to communicate with the SNSCE-S in order to trigger a network slice configuration for one or more VAL UEs within a VAL service.

Table A.2.1.2.2.2-1: Client side parameters for network slice configuration trigger

|  |  |
| --- | --- |
| Parameter | Description |
| VAL UE List | REQUIRED. Represents a space-separated list of VAL UE Ids within a given VAL service, for which a given network slice configuration trigger applies. |
|  |  |
| RequestedS-NSSAI | REQUIRED. The new S-NSSAI which is requested. |
| Requested DNN  | OPTIONAL. The new DNN which is requested. |
| Configuration cause | OPTIONAL. Indicates the cause for the configuration. |

\* \* \* Next Change \* \* \* \*

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