**3GPP TSG-CT WG4 Meeting #99eC4-204xxx**

**E-Meeting, 18th – 28th August 2020 *Revision of C4-204154***

|  |
| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **29.503** | **CR** | **0475** | **rev** | **1** | **Current version:** | **16.4.0** |  |
|  |
| *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 |  | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Maximum response time/latency time |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | CT4 |
|  |  |
| ***Work item code:*** | 5G\_CIoT |  | ***Date:*** | 2020-08-24 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | Based on the description in clause 4.15.6.3a of TS 23.502:*If the UDM received multiple Network Configuration requests, the UDM shall accept the request as long as the Maximum Latency (if received) and/or the Maximum Response Time (if received) are within the range defined by operator policies. The UDM shall use the minimum value of Maximum Latency(s) and/or the maximum value of Maximum Response Time(s) as the AMF-Associated parameters.**S2-2004468 attached in LS C4-203457 from SA2* removes the text in clause 4.15.6.3a indicating that parameters Maximum Latency and Maximum Response Time are associated with DNN and S-NSSAI.UDM does not need to send latency value or response value based on DNN and S-NSSAI. |
|  |  |
| ***Summary of change:*** | Remove the snssai and dnn in Maximum Response Time and Maximum Latency time |
|  |  |
| ***Consequences if not approved:*** | Misalignment with stage2;Network Configuration parameters not working as expected;Potentially inconsistent user experience when UE camping in EPS and in 5GS |
|  |  |
| ***Clauses affected:*** | 6.1.6.2.50, 6.1.6.2.51, A.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:*** | This CR introduces backward compatible corrections to the OpenAPI file for *Nudm\_SDM* API. |
|  |  |
| ***This CR's revision history:*** | Rev1:Reverts the changes in 5.2.2.2.3 and 6.1.2.4. |

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

##### 6.1.6.2.50 Type: MaximumResponseTime

Table 6.1.6.2.50-1: Definition of type MaximumResponseTime

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| maximumResponseTime | DurationSec | M | 1 | Value in seconds. |
|  |  |  |  |  |
|  |  |  |  |  |
| validityTime | DateTime | O | 0..1 | If present, identifies the time to which the Network Configuration Parameters expire and shall be deleted locally if it expire (see TS 23.502 [3] clause 4.15.6.3a).(NOTE 1) |
| NOTE 1: If this attribute is omitted, no expiry for the expected UE behaviour parameters applies. |

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

##### 6.1.6.2.51 Type: MaximumLatency

Table 6.1.6.2.51-1: Definition of type MaximumLatency

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| maximumLatency | DurationSec | M | 1 | Value in seconds. |
|  |  |  |  |  |
|  |  |  |  |  |
| validityTime | DateTime | O | 0..1 | If present, identifies the time to which the Network Configuration Parameters expire and shall be deleted locally if it expire (see TS 23.502 [3] clause 4.15.6.3a).(NOTE 1) |
| NOTE 1: If this attribute is omitted, no expiry for the expected UE behaviour parameters applies. |

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

## A.2 Nudm\_SDM API

openapi: 3.0.0

info:

 version: '2.1.0'

 title: 'Nudm\_SDM'

 description: |

 Nudm Subscriber Data Management Service.

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[…]

 MaximumResponseTime:

 type: object

 required:

 - maximumResponseTime

 properties:

 maximumResponseTime:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/DurationSec'

 validityTime:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/DateTime'

 MaximumLatency:

 type: object

 required:

 - maximumLatency

 properties:

 maximumLatency:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/DurationSec'

 validityTime:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/DateTime'

[…]

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