**3GPP TSG-CT WG4 Meeting #110-eC4-223xyz**

**E-Meeting, 12th – 20th May 2022 (was C4-223202)**

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| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **29.510** | **CR** | **0722** | **rev** | **1** | **Current version:** | **17.5.0** |  |
|  |
| *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:***  | Encoding of Query Parameters |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | CT4 |
|  |  |
| ***Work item code:*** | SBIProtoc17 |  | ***Date:*** | 2022-04-22 |
|  |  |  |  |  |
| ***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:*** | Query parameters defined as an array of simple types (e.g. array of strings) must be formatted using OpenAPI keyword "style" set to "form" and keyword "explode" set to false. |
|  |  |
| ***Summary of change:*** | Correct the wrong encoding of query parameters:- ml-analytics-id-list- preferences-precedence(Given that these query parameters were introduced during Rel-17, and therefore the affected API is still in development "alpha" status, such correction is considered as backwards-compatible) |
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| ***Consequences if not approved:*** | API specification not conformant to the general guidelines described in TS 29.501. |
|  |  |
| ***Clauses affected:*** | A.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 introduces backwards-compatible corrections with impacts on the following APIs:- TS29510\_Nnrf\_NFDiscovery.yaml |
|  |  |
| ***This CR's revision history:*** |  |

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

## A.3 Nnrf\_NFDiscovery API

*(... text not shown for clarity ...)*

 - name: ml-analytics-id-list

 in: query

 description: Analytics Id(s) of Nnwdaf\_MLModelProvision service

 schema:

 type: array

 items:

 $ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/NwdafEvent'

 minItems: 1

 style: form

 explode: false

*(... text not shown for clarity ...)*

 - name: preferences-precedence

 in: query

 description: Indicating the precedence of the preference query parameters (from higher to lower).

 schema:

 type: array

 items:

 type: string

 minItems: 2

 style: form

 explode: false

*(... text not shown for clarity ...)*

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