**3GPP TSG-CT WG4 Meeting #107-eC4-216**

**E-Meeting, 15th – 23rd November 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.504** | **CR** | **0165** | **rev** | **1** | **Current version:** | **16.9.0** |  |
|  | | | | | | | | |
| *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:*** | Naming Conventions | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | China Mobile | | | | | | | | | |
| ***Source to TSG:*** | CT4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SBIProtoc16 | | | | |  | ***Date:*** | | | 2021-11-15 |
|  |  | | | |  | |  | | |  |
| ***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 can be 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:*** | | As per the discussion on naming conventions on CT4#106e, see discussion paper in C4-215364, the deviations from naming conventions in the normative text and YAML should be addressed. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | To address the deviations from naming conventions accordingly. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Risk of interoperability issue. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | A.2, 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 backward compatible corrections to the Nudr\_dr and Nudr\_GroupIDmap APIs. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

## A.2 Nudr\_DataRepository API

This Annex specifies the formal definition of the Nudr\_DataRepository service. It consists of OpenAPI 3.0.0 specifications, in YAML format.

The OpenAPI 3.0.0 definition related to SubscriptionData shall comply with the definition in 3GPP TS 29.505 [2].

The OpenAPI 3.0.0 definition related to PolicyData, StructuredDataForExposure and ApplicationData shall comply with the definition in 3GPP TS 29.519 [3].

The OpenAPI file for the Nudr\_DataRepository API is defined as follows:

openapi: 3.0.0

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

/application-data/influenceData:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1influenceData'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

/application-data/influenceData/{influenceId}:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1influenceData~1%7BinfluenceId%7D'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

/application-data/influenceData/subs-to-notify:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1influenceData~1subs-to-notify'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

/application-data/influenceData/subs-to-notify/{subscriptionId}:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1influenceData~1subs-to-notify~1%7BsubscriptionId%7D'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

/application-data/bdtPolicyData:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1bdtPolicyData'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

/application-data/bdtPolicyData/{bdtPolicyId}:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1bdtPolicyData~1%7BbdtPolicyId%7D'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

/application-data/iptvConfigData:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1iptvConfigData'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

/application-data/iptvConfigData/{configurationId}:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1iptvConfigData~1%7BconfigurationId%7D'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

/application-data/serviceParamData:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1serviceParamData'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

/application-data/serviceParamData/{serviceParamId}:

$ref: 'TS29519\_Application\_Data.yaml#/paths/~1application-data~1serviceParamData~1%7BserviceParamId%7D'

# The path segment is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

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

## A.3 Nudr\_GroupIDmap API

openapi: 3.0.0

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

paths:

/nf-group-ids:

get:

summary: Retrieves NF-Group IDs for provided Subscriber and NF types

operationId: GetNfGroupIDs

tags:

- NF Group IDs (Document)

parameters:

- name: nf-type

in: query

description: Type of NF

required: true

style: form

explode: false

schema:

type: array

items:

$ref: 'TS29510\_Nnrf\_NFManagement.yaml#/components/schemas/NFType'

minItems: 1

- name: subscriberId

# The name of this query parameter is left not following the naming convention as defined in 3GPP TS 29.501 due to backward compatibility consideration.

in: query

description: Identifier of the subscriber

required: true

schema:

$ref: '#/components/schemas/SubscriberId'

responses:

'200':

description: Expected response to a valid request

content:

application/json:

schema:

$ref: '#/components/schemas/NfGroupIdMapResult'

'404':

$ref: 'TS29571\_CommonData.yaml#/components/responses/404'

default:

description: Unexpected error

**\*\*\*\*\*\*\*\*\*\* skipped for clarity \*\*\*\*\*\*\*\*\*\***

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