**3GPP TSG-CT WG3 Meeting #142 *C3-253591***

**Gothenburg, SE, 25 - 29 August 2025 (Revision of C3-253096)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0433** | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *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:*** | Digital asset discovery OpenAPI | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | C3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | Metaverse\_App | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | |  |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | As per TS 23.438 clause 8.3 explains SS\_DADiscovery API.  The corresponding OpenAPI definition updates has to be done in stage 3. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Digital Asset discovery OpenAPI definition are updated. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The new Digital asset discovery OpenAPI definition is missing in stage 3.  Stage 3 is not inline with Stage 2. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | A.33 <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 introduces a new OpenAPI descriptions of the following API:  TS29549\_SS\_DADiscovery.yaml | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

# A.33 SS\_DADiscovery API

openapi: 3.0.0

info:

title: DA Server digital asset Discovery Service

version: 1.0.0-alpha.1

description: |

API for Digital Asset Discovery Service.

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externalDocs:

description: >

3GPP TS 29.549 V19.4.0 Service Enabler Architecture Layer for Verticals (SEAL);

Application Programming Interface (API) specification; Stage 3.

url: https://www.3gpp.org/ftp/Specs/archive/29\_series/29.549/

servers:

- url: "{apiRoot}/ss-da-d/v1"

variables:

apiRoot:

default: https://example.com

description: apiRoot as defined in clause 6.5 of 3GPP TS 29.549.

security:

- {}

- oAuth2ClientCredentials: []

paths:

/digitalasset:

get:

summary: Discover Digital Asset.

operationId: DiscDigitalAsset

tags:

- Digital Asset (Collection)

parameters:

- name: allowed-users

in: query

description: Contains the list of allowed users

content:

application/json:

schema:

type: array

items:

$ref: 'TS29549\_SS\_DAProfileManagement.yaml#/components/schemas/AllowedUser'

minItems: 1

- name: da-desc

in: query

description: Contains the description of the digital asset.

schema:

type: string

- name: da-ids

in: query

description: Contains the identifier(s) of the targeted digital asset(s).

content:

application/json:

schema:

type: array

items:

$ref: 'TS29549\_SS\_DAProfileManagement.yaml#/components/schemas/DaId'

minItems: 1

- name: da-name

in: query

description: Contains the Digital asset name.

schema:

type: string

- name: da-owner-id

in: query

description: Contains the Digital asset owner Identity.

schema:

$ref: 'TS29549\_SS\_DAProfileManagement.yaml#/components/schemas/DigitalAssetOwnerId'

- name: da-type

in: query

description: >

Contains the digital asset type.

content:

application/json:

schema:

$ref: 'TS29549\_SS\_DAProfileManagement.yaml#/components/schemas/DigitalAssetType'

- name: spatial-condt

in: query

description: >

Contains the Spatial condition including location.

content:

application/json:

schema:

$ref: 'TS29549\_SS\_DAProfileManagement.yaml#/components/schemas/SpatialCondition'

- name: supp-feats

in: query

description: >

Contains the list of supported feature(s) among the ones defined in clause 6.1.2.8.

content:

application/json:

schema:

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

- name: val-target-ue

in: query

required: true

content:

application/json:

schema:

$ref: 'TS29549\_SS\_UserProfileRetrieval.yaml#/components/schemas/ValTargetUe'

responses:

'200':

description: >

OK. The Digital Asset matching the filter criteria are returned.

content:

application/json:

schema:

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

'307':

$ref: 'TS29122\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29122\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'406':

$ref: 'TS29122\_CommonData.yaml#/components/responses/406'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

components:

securitySchemes:

oAuth2ClientCredentials:

type: oauth2

flows:

clientCredentials:

tokenUrl: "{tokenUrl}"

scopes: {}

schemas:

# API specific definitions

#

# STRUCTURED DATA TYPES

#

DaDiscResp:

description: >

Represents the Digital Asset discovery response.

type: object

properties:

results:

type: array

items:

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

minItems: 0

suppFeat:

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

required:

- results

DaDiscResult:

description: >

Represents the Digital Asset discovery result.

type: object

properties:

daId:

$ref: 'TS29549\_SS\_DAProfileManagement.yaml#/components/schemas/DaId'

srvProviderIds:

items:

type: string

minItems: 0

daDesc:

type: string

daStatus:

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

required:

- daStatus

# SIMPLE DATA TYPES

#

#

# ENUMERATIONS

#

DaStatus:

anyOf:

- type: string

enum:

- IN\_USE

- ARCHIVED

- type: string

description: >

This string provides forward-compatibility with future

extensions to the enumeration and is not used to encode

content defined in the present version of this API.

description: |

Represents the analytic IDs for location related UE group analytics.

Possible values are:

- INUSE: Indicates that the digital asset is in use.

- ARCHIVED: Indicates that the digital asset is Archived.

# Data types describing alternative data types or combinations of data types:

#

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