**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 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-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 \* \* \* \*