**3GPP TSG-CT WG3 Meeting #142 *C3-253592***

**Gothenburg, SE, 25 - 29 August 2025 (Revision of C3-253099)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0436** | **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 Media management 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 8.4 explains the digitial asset media management API.  S6-253205 explains about SS\_DAMediaManagement API  The corresponding OpenAPI definition updates has to be done in stage 3. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Digital Asset media services OpenAPI definition are updated. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The new Digital asset media OpenAPI definition is missing in stage 3.  Stage 3 is not inline with Stage 2. | | | | | | | | |
|  | | 3 | | | | | | | | |
| ***Clauses affected:*** | | A.34 <new> | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | | **X** |  | Other core specifications | | | | TS/TR 23.438 CR 0016 | | |
| ***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\_DAMediaManagement.yaml | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

# A.34 SS\_DAMediaManagement API

openapi: 3.0.0

info:

title: SS\_DAMediaManagement

version: 1.0.0-alpha.1

description: |

SS\_DAMediaManagement service to manage digital asset media on a DA server.

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externalDocs:

description: >

3GPP TS 29.549 V19.3.0; 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/

security:

- {}

- oAuth2ClientCredentials: []

servers:

- url: '{apiRoot}/ss-da-medm/v1'

variables:

apiRoot:

default: https://example.com

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

paths:

/media:

post:

description: Upload a new Individual DA media information.

operationId: UploadDAMedia

tags:

- SEAL DA media information (Collection)

requestBody:

required: true

content:

application/json:

schema:

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

responses:

'201':

description: Digital Asset Media resource is created sucessfully.

content:

application/json:

schema:

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

headers:

Location:

description: Contains the URI of the newly created resource.

required: true

schema:

type: string

'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'

'411':

$ref: 'TS29122\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29122\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29122\_CommonData.yaml#/components/responses/415'

'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'

/media/{daId}:

get:

description: Download an individual SEAL DA media information.

operationId: DownloadDAMedia

tags:

- Individual SEAL DA Media(Document)

parameters:

- name: da-id

in: path

description: String identifying an individual DA media identity.

required: true

schema:

type: string

responses:

'200':

description: The DA media information information.

content:

application/json:

schema:

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

'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'

put:

description: Updates an individual SEAL DA Media.

operationId: UpdateDAMedia

tags:

- Individual SEAL DA Media(Document)

parameters:

- name: daId

in: path

description: Identifier of an an individual DA media resource.

required: true

schema:

type: string

requestBody:

description: DA media information to be updated in DA server.

required: true

content:

application/json:

schema:

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

responses:

'200':

description: The DA Media is updated successfully.

content:

application/json:

schema:

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

'204':

description: No Content

'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'

'411':

$ref: 'TS29122\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29122\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29122\_CommonData.yaml#/components/responses/415'

'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'

patch:

description: Modify an existing SEAL DA Media.

operationId: ModifyDAMedia

tags:

- Individual SEAL DA Media(Document)

parameters:

- name: daId

in: path

description: Identifier of an individual SEAL DA Media.

required: true

schema:

type: string

requestBody:

required: true

content:

application/merge-patch+json:

schema:

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

responses:

'200':

description: >

The individual SEAL DA Media is modified successfully and

a representation of the updated SEAL DA Media is returned

in the request body.

content:

application/json:

schema:

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

'204':

description: >

No Content. The individual SEAL DA Media is

modified successfully.

'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'

'411':

$ref: 'TS29122\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29122\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29122\_CommonData.yaml#/components/responses/415'

'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'

delete:

description: Deletes an individual SEAL DA Media.

operationId: DeleteDAMedia

tags:

- Individual SEAL DA Media(Document)

parameters:

- name: daId

in: path

description: Identifier of an individual DA media information resource.

required: true

schema:

type: string

responses:

'204':

description: The individual DA Media matching daId is deleted.

'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'

'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:

DigitalAssetMedia:

description: Represents the DA Media information.

type: object

properties:

daId:

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

daMediaInfo:

type: array

minItems: 1

items:

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

description: >

Represents the Information related to digital asset media.

suppFeat:

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

valServerId:

type: string

DigitalAssetMediaPatch:

description: Represents the DA Media information patch.

type: object

properties:

daMediaInfo:

type: array

minItems: 1

items:

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

description: >

Represents the Information related to digital asset media.

valServerId:

type: string

DaMediaInfo:

description: Represents the DA Media information patch.

type: object

properties:

uri:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/Uri'

object:

type: string

anyOf:

- required: [uri]

- required: [object]

# Simple data types and Enumerations

DaId:

description: Represents the identity of the digital asset identifier.

type: string

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