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

**Gothenburg, SE, 25 - 29 August 2025 (Revision of C3-253xxx)**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0434** | **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 service API | | | | | | | | | |
|  |  | | | | | | | | | |
| ***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 digital asset media management service.  S6-253205 explains about SS\_DAMediaManagement API  The corresponding updates has to be done in stage 3. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Digital Asset media services API details are updated. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The new Digital asset media API is missing in stage 3.  Stage 3 is not inline with Stage 2. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.14.3 <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 does not impact the OpenAPI descriptions defined in this specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

### 5.14.3 SS\_DAMediaManagement API

#### 5.14.3.1 Service Description

The SS\_DAMediaManagement API, as defined 3GPP TS 23.438 [46], allows VAL server via DA-S reference point to manage digital asset media on a DA server.

#### 5.14.3.2 Service Operations

##### 5.14.3.2.1 Introduction

The service operation defined for SS\_DAMediaManagement API is shown in the table 5.14.3.2.1-1.

Table 5.14.3.2.1-1: Operations of the SS\_DAMediaManagement API

|  |  |  |
| --- | --- | --- |
| Service operation name | Description | Initiated by |
| Upload | This service enables a VAL server to manage media related to digital asset profile. | VAL server |
| Download | This service operation is used by VAL server to download digital asset media(s) information. | VAL server |
| Update | This service operation is used by VAL server to update digital asset media(s) information. | VAL server |
| Delete | This service operation is used by VAL server to delete digital asset media(s) information. | VAL server |

##### 5.14.3.2.2 Upload

###### 5.14.3.2.2.1 General

The following procedures are supported by the "Upload" service operation:

- Upload Digital Asset Media.

###### 5.14.3.2.2.2 Upload Digital Asset Media

To upload the digital asset media, the VAL server shall send HTTP POST request message to DA server. The body of the HTTP POST message shall include the DigitalAssetMedia data type, as specified in the clause 7.13.3.2.2.3.1.

Upon receiving the HTTP POST message as described above, the DA server shall:

1. verify the identity of the VAL server and check if the VAL server is authorized to upload DA media

2. if the VAL server is authorized to upload DA media information, the DA server shall;

a. Upload a new resource for Individual DA media as specified in clause 7.13.3.2.1; and

b. return within the response message body the upload resource representation within the DigitalAssetMedia data structure, and within an HTTP Location header the upload resource URI in the response message. and

3. if errors occur when processing the request, the DA Server shall respond to the VAL Server with an appropriate error response as specified in clause 7.13.3.5.

##### 5.14.3.2.3 Download

###### 5.14.3.2.3.1 General

The following procedures are supported by the "Download" service operation:

- Individual Digital Asset Media download

###### 5.14.3.2.3.2 Individual Digital Asset Media download

To download the DA media, the VAL server shall send HTTP GET request message to DA server on the resource URI representing the individual SEAL DA media, as specified in 7.13.3.2.3.3.1.

Upon receiving the HTTP GET message as described above, the DA server shall:

1. verify the identity of the VAL server and check if the VAL server is authorized to download the DA media;

2. if the VAL server is authorized to download the DA media, the DA server shall;

a. returns the DA media in DigitalAssetMedia data type, as specified in clause 7.13.3.2.1.

3. if errors occur when processing the request, the DA Server shall respond to the VAL Server with an appropriate error response as specified in clause 7.13.3.5.

##### 5.14.3.2.4 Update

###### 5.14.3.2.4.1 General

The following procedures are supported by the "Update" service operation:

- Individual Digital Asset Media Update

###### 5.14.3.2.4.2 Individual Digital Asset Media Update

To modify the DA media, the VAL server shall send HTTP PUT message to the DA server to the Resource URI identifying the individual SEAL DA media resource representation, as specified in the clause 7.13.3.2.6.3.2. The VAL server may send an HTTP PATCH request message to the Individual SEAL DA media resource URI as specified in clause 7.13.3.2.6.3.3. The body of the HTTP PATCH request message shall include the requested modifications as specified in clause 7.13.3.2.6.3.3.

When HTTP PUT is used, the "valServerId" attribute within the DigitalAssetMedia data structure shall not be updated.

Upon receiving the HTTP PUT or PATCH request message, the DA server shall:

1. verify the identity of the VAL server and check if the VAL server is authorized to modify the DA media;

2. if the VAL server is authorized to modify the information, then the DA server shall;

a. if the DA media in the request is valid, update/modify the resource identified by the Resource URI of the DA media received in the request;

b. returns a 200 OK status code with the updated DA media in the response or a 204 No Content status code.

3. if errors occur when processing the request, the DA Server shall respond to the VAL Server with an appropriate error response as specified in clause 7.13.3.5.

##### 5.14.3.2.5 Delete

###### 5.14.3.2.5.1 General

The following procedures are supported by the "Delete" service operation:

- Individual Digital Asset Media Delete

###### 5.14.3.2.5.2 Delete digital asset service operation

To delete the DA media, the VAL server shall send an HTTP DELETE message to the resource representing Individual SEAL DA media as specified in clause 7.13.3.2.3.3.4.

Upon receiving the HTTP DELETE message, the DA server shall:

1. verify the identity of the VAL server and check if the VAL server is authorized to delete the DA media; and

2. if the VAL server is authorized to delete the DA media, the DA server shall delete the resource pointed by the Resource URI for Individual SEAL DA media.

3. if errors occur when processing the request, the DA Server shall respond to the VAL Server with an appropriate error response as specified in clause 7.13.3.5.

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