**3GPP TSG-CT WG1 Meeting #133-eC1-216628**

**E-meeting, 11-19 November 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.282** | **CR** | **0267** | **rev** | **-** | **Current version:** | **17.4.0** |  |
|  | | | | | | | | |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | Enhance Deposit an object procedure in support of retrieveFile flag | | | | | | | | | |
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| ***Source to WG:*** | AT&T, Samsung | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMCData3 | | | | |  | ***Date:*** | | | 2021-11-03 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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 TS 23.282 subclauses 7.13.3.1.13 “MCData deposit an object request” may carry a flag to instruct the MCData message store to retrieve the file from the MCData content server and locally store in the MCData user's account. Accordingly, stage 3, TS 24.282, needs to be updated to address the newly introduced feature (flag) in stage 2 | | | | | | | | |
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| ***Summary of change:*** | | Subsclause 21.2.5A “Deposit an object” operation is updated with a new query string to allow the request optionally carry a flag called “retrieveFile” | | | | | | | | |
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| ***Consequences if not approved:*** | | Stage 3 spec TS 24.282 won’t be able to support the newly introduced feature (flag) in “Deposit an object” operation as per stage 2, TS 23.282. | | | | | | | | |
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| ***Clauses affected:*** | | 21.2.5A, 21.2.5A.1, 21.2.5A.2 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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's revision history:*** | |  | | | | | | | | |

\* \* \* \* \* \* \* FIRST CHANGE \* \* \* \* \* \* \*

### 21.2.5A Deposit an object

#### 21.2.5A.1 MCData server procedures

To deposit an object of an MCData user in the message store, the MCData server acting as an HTTP client shall follow the procedure described in clause 6.1 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66] with the following clarification:

1) shall generate an HTTP POST request as specified in clause 6.1.5 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66] with the following clarifications:

a) shall set the Host header field to a hostname identifying the message store function;

b) shall set the boxId of the resource URL as specified in clause 6.1.1 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66] to MCData ID which is the identity of the MCData user;

c) shall include a valid MCData access token in the HTTP Authorization header;

d) may include the query parameter "retrieveFile" in the Request URI with its value set to:

i) "No" if the MCData store is not required to retrieve the file from MCData content server; or

ii) "Yes" if the MCData store is required to retrieve the file from MCData content server and to store it locally in the MCData message store; and

NOTE: Including the retrieveFile query parameter with the value "Yes" is the same as if the retrieveFile query parameter is absent.

2) shall send the HTTP POST request towards the message store function.

Upon receipt of an HTTP response, the MCData server shall follow the procedure described in subclause 6.1.2 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66].

#### 21.2.5A.2 Message store function procedures

Upon receipt of an HTTP POST request from MCData server, as per subclause 21.2.5A.1, with a Request-URI identifying a resource on the message store, the message store function acting as an HTTP server:

1) shall validate the MCData access token (with "Bearer" authentication scheme) received in the Authorization header of the request as specified in 3GPP TS 24.482 [24];

2) if validation is successful then

a) shall process the HTTP POST request by following the procedures described in clause 6.1.5 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66] with the following clarification:

i) if the query parameter "retrieveFile" is set to "Yes" or if it is absent from the request URI, the message store function shall retrieve the file pointed to by the object's payloadPart URL(carried within the HTTP POST request body), store the file in the user's message storage area and update the object's payloadPart URL accordingly; and

3) shall generate and send the HTTP response towards the MCData server indicating the result of the deposit an object operation as per subclause 6.1.2 of the OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66].

\* \* \* \* \* \* \* END CHANGES \* \* \* \* \* \* \*