**3GPP TSG-CT1 Meeting #123-eC1-202677**

**Electronic meeting, 16-24 April 2020 (was C1-202030)**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **24.282** | **CR** | **0125** | **rev** | **1** | **Current version:** | **16.3.0** |  |
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| *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:***  | Typo fixes |
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| ***Source to WG:*** | AT&T |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | eMCData2 |  | ***Date:*** | 2020-03-30 |
|  |  |  |  |  |
| ***Category:*** | **D** |  | ***Release:*** | Rel-16 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | This CR takes care of typos in subclause 21.1 and 21.2.11. It also removes subclause 21.2.9 “Moving stored object(s) procedure” all together as already this procedure is covered by subclause 21.2.10 “Moving object(s) and folder(s) procedure” which does the move of both objects and folders to a destination folder. So, really the procedure specified in subclause 21.2.9 is redundant. |
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| ***Summary of change:*** | Typo fixes and removal of subclause 21.2.9 “Moving stored object(s) procedure” |
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| ***Consequences if not approved:*** | The quaity of the spec would be considered as suboptimal. |
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| ***Clauses affected:*** | 21.1, 21.2.11 and 21.2.9  |
|  |  |
|  | **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:*** | -Fix the coversheet issues-The UE needs to know the Hostname of the MCData Message Store for sending it the RESTful operations (procedures) defined in the subclauses of 21.2. Hence, added an EN for looking into how the UE learns about (configured with) the Hostname of the MCData Message Store.  |

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

## 21.1 General

This clause defines procedures for communication between MCData message store client and MCData message store function as specified in subclause 7.13.3 of 3GPP TS 23.282[2]. The communication between the MCData message store client and MCData message store function shall use HTTP over TLS as specified in annex A of 3GPP TS 24.482 [24].

The MCData message store function shall act as an HTTP server as defined in annex A of 3GPP TS 24.482 [24].

The HTTP client shall include the MCData access token (with the “Bearer” authentication scheme) in the Authorization header field of an HTTP request as specified in 3GPP TS 24.482 [24].

The HTTP server shall validate the MCData access token as specified in 3GPP TS 24.482 [24].

NOTE 1: MCData ID which is the identity of the MCData user is part of MCData access token as specified in 3GPP TS 24.482 [24].

Editor's note: How the user is identified in communication between the MCData Server and MCData message store function (MCData-8) is FFS.

The interface between MCData message store client and MCData message store function (i.e. MCData-7) as well as the interface between MCData server and MCData message store function (i.e. MCData-8) shall be based on the RESTful API as specified in OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66].

NOTE 2: Procedures defined for communication between the MCData message store client and MCData message store function in the following sections reference subclause 6 “Detailed specification of the resources” of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66]. Additional information related to RESTful resources, data types and sequence diagrams are found in subclause 5 and JSON examples in appendix D of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66].

Editor's note: The UE needs to know the Hostname of the MCData Message Store for sending it the RESTful operations as specified in subclauses of 21.2. How would the UE learn about (or configured with) the MCData message store Hostename is FFS.

 \* \* \* \* \* \* \* NEXT CHANGE \* \* \* \* \* \* \*

### 21.2.11 Folder search procedure

#### 21.2.11.1 Message store client procedures

To search for information about a selected set of folder(s) in the message store, the message store client, acting as an HTTP client shall follow the procedure described in subclause 6.16 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66] with following clarification:

1) shall generate an HTTP POST request as specified in subclause 6.16.5 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66] with following clarifications:

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

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

c) shall send the HTTP POST request, which may include a SelectionCriteria, towards the message store function.

Upon receipt of a HTTP response, the message store client should follow the procedure as described in subclause 6.16.2 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66].

#### 21.2.11.2 Message store function procedures

Upon receipt of the HTTP POST request from the client, as per subclause 21.2.11.1, 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] and if validation is successful then

2) shall process the HTTP POST request by following the procedures described in subclause 6.16.5 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66]; and

3) shall generate and send a HTTP response, containing the folders matching the SelectionCriteria, towards the message store client.

 \* \* \* \* \* \* \* NEXT CHANGE \* \* \* \* \* \* \*

### 21.2.9 void