**3GPP TSG-CT WG1 Meeting #124-eC1-203294**

**Electronic meeting, 2-10 June 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.282** | **CR** | **0168** | **rev** | **-** | **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:*** | Resolving EN for identifying user between MCData Server and MCData message store | | | | | | | | | |
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| ***Source to WG:*** | AT&T | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMCData2 | | | | |  | ***Date:*** | | | 2020-05-24 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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 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-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:*** | | Editor's note: How the user is identified in communication between the MCData Server and MCData message store function (MCData-8) is FFS | | | | | | | | |
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| ***Summary of change:*** | | * Removed the editor’s note. * Added a Note as to how MCData ID is used to identify the user over the interafce between MCData Server and MCData message store function. * Added further clarification for the usage of the procedures specified in clause 21 by both interfaces   + MCData message store client and MCData message store function and   + MCData Server and MCData message store function) | | | | | | | | |
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| ***Consequences if not approved:*** | | TS 24.282 spec will not be as clear/complete as it needs to be. | | | | | | | | |
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| ***Clauses affected:*** | | 21.1 | | | | | | | | |
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|  | | **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:*** | |  | | | | | | | | |
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| ***This CR's revision history:*** | | * 24.482 nor 33.180 spec cover NE-to-NE authorization aspect (this was not realized at the time of writing the original CR and hence needed to be corrected in the revised CR). * As a result of the above bullet point, added a new EN as follows: “The security mechanism for communication from the MCData server acting as an HTTP client and the Message store function acting as an HTTP server is FFS” in order to engage SA3 for an appropriate solution. * Re-numbered the existing Note 2 to Note 3 as, this CR introduces a new Note prior to the existing Note 2 | | | | | | | | |

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

## 21.1 General

This clause defines procedures for communication between MCData message store client and MCData message store function as well as MCData server and MCData message store function as specified in subclause 7.13.1 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 MCData message store client in the role of an 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].

Editor's note: [eMCData2, CR 0168, C1-203294] The security mechanism for communication from the MCData server acting as an HTTP client and the Message store function acting as an HTTP server is FFS.

The HTTP server (i.e. MCData message store) shall validate the MCData access token as specified in 3GPP TS 24.482 [24].

NOTE 1: In procedures for communication between MCData message store client and MCData message store function, the MCData ID which is the identity of the MCData user is part of MCData access token as specified in 3GPP TS 24.482 [24].

NOTE 2: In procedures for communication between MCData server and MCData message store function, the MCData ID which is the identity of the MCData user is used as the value of the resource URL variable, " boxId' as specified in subclause 5.2 of OMA-TS-REST\_NetAPI\_NMS-V1\_0-20190528-C [66].

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 3: Procedures defined for communication between the MCData message store client and MCData message store function as well as MCData server 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].

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