**3GPP TSG-CT WG1 Meeting #133-eC1-21abcd**

**E-meeting, 11-19 November 2021 *was* C1-217038**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.483** | **CR** | **0139** | **rev** | **1** | **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:*** | User control of communications storage into message store – MO configurations | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Samsung | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMCData3 | | | | |  | ***Date:*** | | | 04-11-2021 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | Stage 2 requirements on storing of MCData user communications into MCData message store has a pre-condition that MCData user has to request to store his MCData communication. Furthermore, the stage 2 has requirement that “The MCData user shall have an option if he wants to store the MCData communications in the MCData message store or not” .  The corresponding requirements in stage 2 are in   * “5.10 MCData message store”, * “7.13.4 Generic outgoing SDS procedure with MCData message store” and * “7.13.5 Generic incoming SDS procedure with MCData message store”.   Stage-3 has partially implemented message store related functionalities. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The proposed CR is to implement the stage 2 requirements as specified above with below implementation details.   * A new configuration parameters are added to the MCData user profile under <OnNetwork> element and <MCDataGroupList> element of <OnNetwork> element for each group. * In Figure 10.1.2: The MCData user profile MO (2 of 4), AllowStoreGroupCommInMsgstore, AllowStoreCommsInMsgstore and AllowStorePrivateCommsInMsgstore are added | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The user will not have any control on storing of his/her communications into message store. Also, the stage 3 specification will be incomplete in specifying the message store functionalities for the MCData user as per the stage 2 requirements | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.1, 10.2.55C (new), 10.2.97I (new) and 10.2.97J (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \* \* \* \*

## 10.1 General

The MCData user profile configuration Management Object (MO) is used to configure the MCData Client behaviour for the on-network or off-network MCData Service. The MCData user profile configuration parameters may be stored in the ME, or in the USIM as specified in 3GPP TS 31.102 [10], or in both the ME and the USIM. If both the ME and the USIM contain the same parameters, the values stored in the USIM shall take precedence.

The Management Object Identifier is: urn:oma:mo:ext-3gpp-MCData-user-profile:1.0.

Protocol compatibility: This MO is compatible with OMA OMA DM 1.2 [3].

The OMA DM ACL property mechanism (see OMA OMA-ERELD-DM-V1\_2 [2]) may be used to grant or deny access rights to OMA DM servers in order to modify nodes and leaf objects of the MCData user profile MO.

The following nodes and leaf objects are possible under the MCData user profile node as described in figures 10.1.1 through 10.1.4.



Figure 10.1.1: The MCData user profile MO (1 of 4)



Figure 10.1.2: The MCData user profile MO (2 of 4)



Figure 10.1.3: The MCData user profile MO (3 of 4)



Figure 10.1.4: The MCData user profile MO (4 of 4)

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

### 10.2.55C /*<x>*/<x>/OnNetwork/MCDataGroupList/<x>/Entry/ AllowStoreGroupCommInMsgstore

Table 10.2.55C.1: /*<x>*/<x>/OnNetwork/MCDataGroupList/<x>/Entry/AllowStoreGroupCommInMsgstore

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/OnNetwork/MCDataGroupList/<x>/Entry/AllowStoreGroupCommInMsgstore | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | ZeroOrOne | bool | Get, Replace |  |
|  | This leaf node indicates whether the MCData user is authorised to request an MCData server to store his/her group communication into message store or not. | | | | |

When set to "true", the MCData user is authorised to request an MCData server to store this group communication into message store. The group is identified by the MCData Group ID in the same structure of the group entry.

When set to "false", the MCData user is not authorised to request an MCData server to store this group communication into message store. The group is identified by the MCData Group ID in the same structure of the group entry.

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

### 10.2.97I /*<x>*/*<x>*/OnNetwork/AllowStoreCommsInMsgstore

Table 10.2.97I.1: /*<x>*/<x>/OnNetwork/AllowStoreCommsInMsgstore

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/OnNetwork/AllowStoreCommsInMsgstore | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | ZeroOrOne | bool | Get, Replace |  |
|  | This leaf node indicates whether the MCData communications of an MCData user are authorised to be stored in the message store or not. | | | | |

When set to "true", the MCData communications of a MCData user are authorised to be stored in the message store.

When set to "false", the MCData communications of a MCData user are not authorised to be stored in the message store.

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

### 10.2.97J /*<x>*/*<x>*/OnNetwork/AllowStorePrivateCommsInMsgstore

Table 10.2.97J.1: /*<x>*/<x>/OnNetwork/AllowStorePrivateCommsInMsgstore

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/OnNetwork/AllowStorePrivateCommsInMsgstore | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | ZeroOrOne | bool | Get, Replace |  |
|  | This leaf node indicates whether the MCData user is authorised to request an MCData server to store his/her private communications into message store or not. | | | | |

When set to "true", the MCData user is authorised to request an MCData server to store his/her private communications into message store.

When set to "false", the MCData user is not authorised to request an MCData server to store his/her private communications into message store.

\* \* \* \* \* \* END CHANGE \* \* \* \* \* \* \*