**3GPP TSG-CT WG1 Meeting #123-eC1-202xyz**

**Electronic meeting, 16-24 April 2020 (revision of C1-202496)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.483** | **CR** | **0067** | **rev** | **1** | **Current version:** | **16.3.0** |  |
|  | | | | | | | | |
| *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:*** | IPConnectivity extension to include IP Information | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Kontron Transportation | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MONASTERY2 | | | | |  | ***Date:*** | | | 2020-04-09 |
|  |  | | | |  | |  | | |  |
| ***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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Stage 2 spec TS 23.282 adds addional information to the MC Data User Profile related to MC Data Ids that can be target of a One-To-One Communication to be used in the setup of an IP Connectivity Session | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Extend the MC Data User Profile to include the necessary IP Information to the One-To-One Element | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Stage 2 requirements are not fulfilled | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.1, 10.2.16J (new), 10.2.16K (new), 10.2.16L (new), 10.2.16M (new), 10.2.16N (new), 10.2.16O (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 figure 10.1.1, figure 10.1.2, figure 10.1.3, and figure 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 \* \* \* \*

### 10.2.16J /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation

Table 10.2.16J.1: /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | One | node | Get, Replace |  |
|  | This interior node is a placeholder for one or more list of IPInformation data that can be used in the setup of an IP Connectivity session for a specific MCData user in a one-to-one communication. | | | | |

### 10.2.16K /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>

Table 10.2.16K.1: /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x> | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | OneOrMore | node | Get, Replace |  |
|  | This interior node is a placeholder for one or more list of IPInformation data that can be used in the setup of an IP Connectivity session for a specific MCData user in a one-to-one communication. | | | | |

### 10.2.16L /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>Entry

Table 10.2.16L.1: /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Required | One | node | Get, Replace |  |
|  | This interior node is a placeholder for one or more list of IPInformation data that can be used in the setup of an IP Connectivity session for a specific MCData user in a one-to-one communication. | | | | |

### 10.2.16M /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>Entry/IPv4Information

Table 10.2.16M.1: /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry/IPv4Information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry/IPv4Information | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | One | chr | Get, Replace |  |
|  | This leaf node indicates an IPv4 host address or an IPv4 network that can be addressed on an IP Connectivity session in a one-to-one communication for a specific MCData ID. | | | | |

### 10.2.16N /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>Entry/IPv6Information

Table 10.2.16N.1: /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry/IPv6Information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry/IPv6Information | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | One | chr | Get, Replace |  |
|  | This leaf node indicates an IPv6 host address or an IPv6 network that can be addressed on an IP Connectivity session in a one-to-one communication for a specific MCData ID. | | | | |

### 10.2.16O /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>Entry/FQDN

Table 10.2.16O.1: /*<x>*/<x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry/FQDN

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/Common/OnetoOne/UserList/<x>/Entry/IPInformation/<x>/Entry/FQDN | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | One | chr | Get, Replace |  |
|  | This leaf node indicates a fully qualified domain name for a specific host or domain that can be addressed on an IP Connectivity session in a one-to-one communication for a specific MCData ID. | | | | |

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