**3GPP TSG-CT WG1 Meeting #132-eC1-21abcd**

**E-meeting, 11-15 October 2021 *was* C1-215955**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.483** | **CR** | **0136** | **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:*** | Functional alias association with group – MO configurations | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Samsung | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMONASTERY2 | | | | |  | ***Date:*** | | | 30-09-2021 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | The subclause 10.13.11 in 3GPP TS 23.280 has defined the architecture requirements for the functional alias to group binding association. The corresponding requirement implementation in protocol specifications 3GPP TS 24.379, 3GPP TS 24.281 & 3GPP TS 24.282 are unfilled. This CR proposes to fullfill the requirement by providing the relavant configuration in MO for creating/removing the functional alias to group binding association. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | The new “AllowedFunctionalAliasGroupBinding” node leaf is defined under OnNetwork element and detailed information included in the new sections 5.2.48W11, 10.2.97H and 13.2.87A10.  Added new element “AllowedFunctionalAliasGroupBinding” In:  - Figure 5.1.3: The MCPTT user profile MO (3 of 3)  - Figure 10.1.2: The MCData user profile MO (2 of 4)  - Figure 13.1.2: The MCVideo user profile MO (2 of 3) | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The user will not have mechanisam to bind the role based identities with specific set of groups that will be used by the MCX (MCPTT, MCVideo and MCData) server to share the functional alias uri with connected users in an on-going group call, other functionalities such as prohibiting user from deaffiliating from group based on number user activated particular | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.1, 5.2.48W11, 10.1, 10.2.97H, 13.1, and 13.2.87A10 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 is dependent on other CRs (C1-215952, C1-215953 & C1-215954) | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev1:   1. Editorial changes    1. “of particular” to “of a particular”    2. “list of the groups” to “list of groups”    3. Replaced association word with binding    4. "user is is authorised" to "user is authorised"    5. update of figures 5.1.3, 10.1.2 and 13.1.2. 2. Added new element “AllowedFunctionalAliasGroupBinding” In:  * Figure 5.1.3: The MCPTT user profile MO (3 of 3) * Figure 10.1.2: The MCData user profile MO (2 of 4) * - Figure 13.1.2: The MCVideo user profile MO (2 of 3) | | | | | | | | |

\* \* \* \* \* \* BEGIN CHANGES \* \* \* \* \* \* \*

## 5.1 General

The MCPTT user profile configuration Management Object (MO) is used to configure the MCPTT Client behaviour for the on-network or off-network MCPTT Service. The MCPTT 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-MCPTT-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 MCPTT user profile MO.

The following nodes and leaf objects are possible under the MCPTT user profile node as described in figure 5.1.1, figure 5.1.2, figure 5.1.3, figure 5.1.4, figure 5.1.5, figure 5.1.6, figure 5.1.7, and figure 5.1.8.



Figure 5.1.1: The MCPTT user profile MO (1 of 3)



Figure 5.1.2: The MCPTT user profile MO (2 of 3)



Figure 5.1.3: The MCPTT user profile MO (3 of 3)



NOTE 1: The LocationCriteriaForDeactivation MO contents are identical.

NOTE 2: This figure is referenced by figures 5.1.3, 10.1.2 and 13.1.2.

Figure 5.1.4: LocationCriteriaForActivation MO contents



NOTE: The ExitSpecificArea MO contents are identical.

Figure 5.1.5: EnterSpecificArea MO contents



NOTE 1: The RulesForDeaffiliation MO contents are identical.

NOTE 2: This figure is referenced by figures 5.1.3, 10.1.2 and 13.1.2.

Figure 5.1.6: RulesForAffiliation MO contents



Figure 5.1.7: ListOfLocationCriteria MO contents



Figure 5.1.8: ListOfActiveFunctionalAliases MO contents

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

### 5.2.48W11 /*<x>*/*<x>*/OnNetwork/AllowedFunctionalAliasGroupBinding

Table 5.2.48W11.1: /*<x>*/<x>/OnNetwork/AllowedFunctionalAliasGroupBinding

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/OnNetwork/AllowedFunctionalAliasGroupBinding | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | One | bool | Get, Replace |  |
|  | This leaf node indicates whether the MCPTT user is authorised to request the binding of a particular functional alias with a group or list of groups. | | | | |

When set to "true" the MCPTT user is authorised to request the binding of a particular functional alias with a group or list of groups.

When set to "false" the MCPTT user is not authorised to request the binding of a particular functional alias with a group or list of groups.

\* \* \* \* \* \* NEXT 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 \* \* \* \* \* \* \*

### 10.2.97H /*<x>*/*<x>*/OnNetwork/AllowedFunctionalAliasGroupBinding

Table 10.2.97H.1: /*<x>*/<x>/OnNetwork/AllowedFunctionalAliasGroupBinding

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/OnNetwork/AllowedFunctionalAliasGroupBinding | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | One | bool | Get, Replace |  |
|  | This leaf node indicates whether the MCData user is authorised to request the binding of a particular functional alias with a group or list of groups. | | | | |

When set to "true" the MCData user is authorised to request the binding of a particular functional alias with a group or list of groups.

When set to "false" the MCData user is not authorised to request the binding of a particular functional alias with a group or list of groups.

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

## 13.1 General

The MCVideo user profile configuration Management Object (MO) is used to configure the MCVideo Client behaviour for the on-network or off-network MCVideo Service. The MCVideo 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-MCVideo-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 MCVideo user profile MO.

The following nodes and leaf objects are possible under the MCVideo user profile node as described in figure 13.1.1, figure 13.1.2 and figure 13.1.3.



Figure 13.1.1: The MCVideo user profile MO (1 of 3)



Figure 13.1.2: The MCVideo user profile MO (2 of 3)



Figure 13.1.3: The MCVideo user profile MO (3 of 3)

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

### 13.2.87A10 /*<x>*/*<x>*/OnNetwork/AllowedFunctionalAliasGroupBinding

Table 13.2.87A10.1: /*<x>*/<x>/OnNetwork/AllowedFunctionalAliasGroupBinding

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| <x>/OnNetwork/AllowedFunctionalAliasGroupBinding | | | | | |
|  | Status | Occurrence | Format | Min. Access Types |  |
|  | Optional | One | bool | Get, Replace |  |
|  | This leaf node indicates whether the MCVideo user is authorised to request the binding of a particular functional alias with a group or list of groups. | | | | |

When set to "true" the MCVideo user is authorised to request the binding of a particular functional alias with a group or list of groups.

When set to "false" the MCVideo user is not authorised to request the binding of a particular functional alias with a group or list of groups.

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