**3GPP TSG-CT WG1 Meeting #124-eC1-20xxxx**

**Electronic meeting, 2-10 June 2020 (was C1-203211)**

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| --- |
| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **24.484** | **CR** | **0140** | **rev** | **1** | **Current version:** | **16.5.0** |  |
|  |
| *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 in MCData user profile |
|  |  |
| ***Source to WG:*** | FirstNet, Nokia, Nokia Shanghai Bell |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | MONASTERY2  |  | ***Date:*** | 2 June 2020 |
|  |  |  |  |  |
| ***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 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)* |
|  |  |
| ***Reason for change:*** | TS 24.484 must be updated to add functional alias for MCData to the MCData user profile document. |
|  |  |
| ***Summary of change:*** | Changes are made in subclauses 10.3.2.1, 10.3.2.3 and 10.3.2.7 to add functional alias support for MCData in the MCData user profile document. |
|  |  |
| ***Consequences if not approved:*** | Inability to support functional alias at the MCData server and client. |
|  |  |
| ***Clauses affected:*** | 10.3.2.1, 10.3.2.3, 10.3.2.7 |
|  |  |
|  | **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:*** | Agreed Tdoc C1-202884 (dealing with IP Connectivity) is included within the changes in this CR to simplify the work of MCC. In 10.3.2.7, the text from C1-202884 is modified to correct misspellings of {"MC Data" 🡪 "MCData", "MCData Id" 🡪 "MCData ID", "Client" 🡪 "client", "User" 🡪 "user"}.The .xsd file in this CR includes the user profile changes from C1-202884.The accompanying .xsd file was created by copying the schema found in subclause 10.3.2.3 of this CR and pasting it into XML Notepad 2007 and saving the result as the .xsd file. |
|  |  |
| ***This CR's revision history:*** | Rev 1:* Added "the <entry> element of the <FunctionalAliasList> list element" to 10.3.2.7.
* Rearranged complexType declarations to gather them together a bit.
* Added a comment in the schema to identify elements that are being declared at the root level and are used as anyExt elements.
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**\* \* \* \* \* FIRST CHANGE \* \* \* \* \***

#### 10.3.2.1 Structure

The MCData user profile configuration document structure is specified in this subclause.

The <mcdata-user-profile> document:

1) shall include an "XUI-URI" attribute;

2) may include a <Name> element;

3) shall include one <Status> element;

4) shall include a "user-profile-index" attribute;

5) may include any other attribute for the purposes of extensibility;

6) may include one <ProfileName> element;

7) may include a <Pre-selected-indication> element;

8) shall include one <Common> element which:

a) shall have an "index" attribute;

b) shall include one <UserAlias> element containing one or more <alias-entry> elements

c) shall include one <MCDataUserID> element that contains an <entry> element;

d) may include one <MCDataUserID-KMSURI> element that contains an <entry> element;

e) may contain one <ParticipantType> element;

f) shall contain one <MissionCriticalOrganization>;

g) shall include one <FileDistribution> element. The <FileDistribution> element contains:

i) one or more <FD-Cancel-List-Entry> elements containing:

A) an <MCData-ID> element that contains an <entry> element; and

B) a <MCData-ID-KMSURI> element that contains an <entry> element;

h) shall include one <TxRxControl> element. The <TxRxControl> element contains:

i) one <MaxData1To1> element;

ii) one <MaxTime1to1> element; and

iii) an <TxReleaseList> element that contains zero or more <entry> elements; and

i) shall include one <GroupEmergencyAlert> element containing an <entry> element;

j) may contain an <One-to-One-Communication> element containing:

i) one or more <One-to-One-CommunicationListEntry> elements containing:

A) an <MCData-ID> element that contains an <entry> element;

B) a <ProSeUserID-entry> element; and

C) a <MCData-ID-KMSURI> element that contains an <entry> element;

9) shall include zero or one <OnNetwork> element which:

a) shall have an "index" attribute;

b) shall include one or more <MCDataGroupInfo> elements each containing:

i) an <MCData-Group-ID> element containing an <entry> element;

ii) an <GMS-App-Serv-Id> element containing one or more <entry> elements;

iii) an <IdMS-Token-Endpoint> element containing one or more <entry> elements; and

iv) one <RelativePresentationPriority> element;

c) shall include one <MaxAffiliationsN2>element;

d) may include an <ImplicitAffiliations> element, containing one or more <entry> elements;

e) may include a <PresenceStatus> element containing one or more <entry> elements;

f) may include a <RemoteGroupChange> element, containing one or more <entry> elements;

g) may contain one <ConversationManagement> element containing

i) one or more <MCDataGroupHangTime> elements each containing:

A) an <MCData-Group-ID> element containing an <entry> element; and

B) a <Hang-Time> element

ii) a <DeliveredDisposition> element, containing zero or more <entry> elements; and

iii) a <ReadDisposition> element, containing zero or more <entry> elements;

h) shall include one <One-To-One-EmergencyAlert> element containing an <entry> element; and

i) shall include an <anyExt> element which:

i) shall contain one <MCDataContentServerURI> element; and

ii) may contain one <FunctionalAliasList> element which contains one or more <entry> elements;

10) shall include zero or one <OffNetwork> element which:

a) shall contain an "index" attribute;

b) shall include one or more <MCDataGroupInfo> elements each containing:

i) an <MCData-Group-ID> element containing an <entry> element;

ii) an <GMS-App-Serv-Id> element containing one or more <entry> elements;

iii) an <IdMS-Token-Endpoint> element containing one or more <entry> elements; and

iv) one <RelativePresentationPriority> element; and

c) a <User-Info-Id> element; and

11) a <ruleset> element conforming to IETF RFC 4745 [13] containing a sequence of zero or more <rule> elements:

a) the <conditions> of a <rule> element may include the <identity> element as described in IETF RFC 4745 [13]; and

b) the <actions> child element of any <rule> element may contain:

i) an <allow-create-delete-user-alias> element;

ii) an <allow-create-group-broadcast-group> element;

iii) an <allow-create-user-broadcast-group> element;

iv) an <allow-transmit-data> element;

v) an <allow-request-affiliated-groups> element;

vi) an <allow-request-to-affiliate-other-users> element;

vii) an <allow-recommend-to-affiliate-other-users> element;

viii) an <allow-regroup> element;

ix) an <allow-presence-status> element;

x) an <allow-request-presence> element;

xi) an <allow-activate-emergency-alert> element;

xii) an <allow-cancel-emergency-alert> element;

xiii) an <allow-cancel-emergency-alert-any-user> element;

xiv) an <allow-enable-disable-user> element;

xv) an <allow-enable-disable-UE> element;

xvi) an <allow-off-network-manual-switch> element;

xvii) an <allow-off-network> element; and

xviii) an <anyExt> element which may contain:

A) an <allow-query-functional-alias-other-user> element; and

B) an <allow-takeover-functional-alias-other-user> element.

The <entry> elements:

1) shall contain a <uri-entry> element;

2) shall contain an "index" attribute;

3) may contain a <display-name> element;

4) may contain an "entry-info" attribute; and

5) may include an <anyExt> element which may contain:

a) an <IPInformation> element containing:

i) one or more <IPInformationListEntry> each containing an <IPv4Address> element, an <IPv6Address> element or a <FQDN> element;

b) a <FunctionalAliasList> element containing:

i) a <FunctionalAlias> element;

ii) a <DisplayName> element;

iii) a <LocationCriteriaForActivation> element containing:

A) one or more <EnterSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element, a <Speed> element and a <Heading> element; and

B) one or more <ExitSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element, a <Speed> element and a <Heading> element;

iv) a <LocationCriteriaForDeactivation > element containing:

A) one or more <EnterSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element, a <Speed> element and a <Heading> element; and

B) one or more <ExitSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element, a <Speed> element and a <Heading> element; and

v) a <manual-deactivation-not-allowed-if-location-criteria-met> element;

c) a <RulesForAffiliation> element containing:

i) one <ListOfLocationCriteria> element containing;

A) one or more <EnterSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element, a <Speed> element and a <Heading> element; and

B) one or more <ExitSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element, a <Speed> element and a <Heading> element; and

ii) zero or one <ListOfActiveFunctionalAliasCriteria> element which contains one or more <entry> elements each containing a <FunctionaAlias> element;

d) a <RulesForDeaffiliation> element containing;

i) zero or one <ListOfLocationCriteria> element containing;

A) one or more <EnterSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element and zero or one <anyExt> element containing a <Speed> element and zero or one <anyExt> element containing a <Heading> element; and

B) one or more <ExitSpecificArea> elements each containing a <PolygonArea> element or an <EllipsoidArcArea> element and zero or one <anyExt> element containing a <Speed> element and zero or one <anyExt> element containing a <Heading> element; and

ii) zero or one <ListOfActiveFunctionalAliasCriteria> element which contains one or more <entry> elements each containing a <FunctionaAlias> element; and

e) a <manual-deaffiliation-not-allowed-if-affiliation-rules-are-met> element.

The <PolygonArea> elements shall contain 3 up to 15 <PointCoordinateType> elements.

The <EllipsoidArcArea> elements shall contain:

1) a <Center> element that contains a <PointCoordinateType> element;

2) a <Radius> element;

3) an <OffsetAngle> element; and

4) an <IncludedAngle> element.

The <PointCoordinateType> elements shall contain a <Longitude> element and a <Latitude> element.

The <Speed> elements shall contain a <MinimumSpeed> element and a <MaximumSpeed> element.

The <Heading> elements shall contain a <MinimumHeading> element and a <MaximumHeading> element.

The <ProSeUserID-entry> elements:

1) shall contain a <DiscoveryGroupID> element;

2) shall contain an <User-Info-ID> element; and

3) shall contain an "index" attribute.

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

#### 10.3.2.3 XML Schema

The MCData user profile configuration document shall be composed according to the following XML schema:

<?xml version="1.0" encoding="UTF-8"?>

<xs:schema

 xmlns:mcdataup="urn:3gpp:ns:mcdata:user-profile:1.0"

 xmlns:xs="http://www.w3.org/2001/XMLSchema"

 targetNamespace="urn:3gpp:ns:mcdata:user-profile:1.0"

 elementFormDefault="qualified" attributeFormDefault="unqualified">

 <xs:import namespace="http://www.w3.org/XML/1998/namespace"

 schemaLocation="http://www.w3.org/2001/xml.xsd"/>

 <!-- This import brings in common policy namespace from RFC 4745 -->

 <xs:import namespace="urn:ietf:params:xml:ns:common-policy"

 schemaLocation="http://www.iana.org/assignments/xml-registry/schema/common-policy.xsd"/>

 <xs:element name="mcdata-user-profile">

 <xs:complexType>

 <xs:choice minOccurs="1" maxOccurs="unbounded">

 <xs:element name="Name" type="mcdataup:NameType"/>

 <xs:element name="Status" type="xs:boolean"/>

 <xs:element name="ProfileName" type="mcdataup:NameType"/>

 <xs:element name="Pre-selected-indication" type="mcdataup:emptyType"/>

 <xs:element name="Common" type="mcdataup:CommonType"/>

 <xs:element name="OffNetwork" type="mcdataup:OffNetworkType"/>

 <xs:element name="OnNetwork" type="mcdataup:OnNetworkType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attribute name="XUI-URI" type="xs:anyURI" use="required"/>

 <xs:attribute name="user-profile-index" type="xs:unsignedByte" use="required"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 </xs:element>

 <xs:complexType name="NameType">

 <xs:simpleContent>

 <xs:extension base="xs:token">

 <xs:attribute ref="xml:lang"/>

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>

 <xs:complexType name="CommonType">

 <xs:choice minOccurs="1" maxOccurs="unbounded">

 <xs:element name="UserAlias" type="mcdataup:UserAliasType"/>

 <xs:element name="MCDataUserID" type="mcdataup:EntryType"/>

 <xs:element name="MCDataUserID-KMSURI" type="mcdataup:EntryType"/>

 <xs:element name="ParticipantType" type="xs:string"/>

 <xs:element name="MissionCriticalOrganization" type="xs:string"/>

 <xs:element name="FileDistribution" type="mcdataup:FileDistributionType"/>

 <xs:element name="TxRxControl" type="mcdataup:TxRxControlType"/>

 <xs:element name="GroupEmergencyAlert" type="mcdataup:EmergencyAlertType"/>

 <xs:element name="One-to-One-Communication" type="mcdataup:One-to-One-CommunicationType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="OnNetworkType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="MCDataGroupInfo" type="mcdataup:MCDataGroupInfoType"/>

 <xs:element name="MaxAffiliationsN2" type="xs:nonNegativeInteger"/>

 <xs:element name="ImplicitAffiliations" type="mcdataup:ListEntryType"/>

 <xs:element name="PresenceStatus" type="mcdataup:ListEntryType"/>

 <xs:element name="RemoteGroupChange" type="mcdataup:ListEntryType"/>

 <xs:element name="ConversationManagement" type="mcdataup:ConversationManagementType"/>

 <xs:element name="One-To-One-EmergencyAlert" type="mcdataup:EmergencyAlertType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="OffNetworkType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="MCDataGroupInfo" type="mcdataup:MCDataGroupInfoType"/>

 <xs:element name="User-Info-ID" type="xs:hexBinary"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

<xs:complexType name="One-to-One-CommunicationType">

 <xs:sequence>

 <xs:element name="One-to-One-CommunicationListEntry" type="mcdataup:One-to-One-CommunicationListEntryType" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="One-to-One-CommunicationListEntryType">

 <xs:choice minOccurs="1" maxOccurs="unbounded">

 <xs:element name="MCData-ID" type="mcdataup:EntryType"/>

 <xs:element name="ProSeUserID-entry" type="mcdataup:ProSeUserEntryType"/>

 <xs:element name="MCData-ID-KMSURI" type="mcdataup:EntryType"/> <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="EmergencyAlertType">

 <xs:sequence>

 <xs:element name="entry" type="mcdataup:EntryType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="ConversationManagementType">

 <xs:sequence>

 <xs:element name="MCDataGroupHangTime" type="mcdataup:GroupHangTimeType" minOccurs="1" maxOccurs="unbounded"/>

 <xs:element name="DeliveredDisposition" type="mcdataup:ListEntryType"/>

 <xs:element name="ReadDisposition" type="mcdataup:ListEntryType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="GroupHangTimeType">

 <xs:sequence>

 <xs:element name="MCData-Group-ID" type="mcdataup:EntryType"/>

 <xs:element name="Hang-Time" type="xs:duration"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="MCDataGroupInfoType">

 <xs:sequence>

 <xs:element name="MCData-Group-ID" type="mcdataup:EntryType"/>

 <xs:element name="GMS-App-Serv-Id" type="mcdataup:ListEntryType"/>

 <xs:element name="IdMS-Token-Endpoint" type="mcdataup:ListEntryType"/>

 <xs:element name="Group-KMSURI" type="mcdataup:EntryType"/>

 <xs:element name="RelativePresentationPriority" type="xs:nonNegativeInteger"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="FileDistributionType">

 <xs:sequence>

 <xs:element name="FD-Cancel-List-Entry" type="mcdataup:FD-Cancel-ListEntryType" minOccurs="0" maxOccurs="unbounded"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="FD-Cancel-ListEntryType">

 <xs:choice minOccurs="1" maxOccurs="unbounded">

 <xs:element name="MCData-ID" type="mcdataup:EntryType"/>

 <xs:element name="MCData-ID-KMSURI" type="mcdataup:EntryType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="TxRxControlType">

 <xs:sequence>

 <xs:element name="MaxData1To1" type="xs:positiveInteger"/>

 <xs:element name="MaxTime1To1" type="xs:duration"/>

 <xs:element name="TxReleaseList" type="mcdataup:ListEntryType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="UserAliasType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="alias-entry" type="mcdataup:AliasEntryType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="AliasEntryType">

 <xs:simpleContent>

 <xs:extension base="xs:token">

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:attribute ref="xml:lang"/>

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>

 <xs:complexType name="ListEntryType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="entry" type="mcdataup:EntryType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attribute ref="xml:lang"/>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:simpleType name="EntryInfoTypeList">

 <xs:restriction base="xs:normalizedString">

 <xs:enumeration value="UseCurrentlySelectedGroup"/>

 <xs:enumeration value="DedicatedGroup"/>

 <xs:enumeration value="UsePreConfigured"/>

 <xs:enumeration value="LocallyDetermined"/>

 </xs:restriction>

 </xs:simpleType>

 <xs:complexType name="EntryType">

 <xs:sequence>

 <xs:element name="uri-entry" type="xs:anyURI"/>

 <xs:element name="display-name" type="mcdataup:DisplayNameElementType" minOccurs="0"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:attribute name="entry-info" type="mcdataup:EntryInfoTypeList"/>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="GeographicalAreaChangeType">

 <xs:sequence>

 <xs:element name="EnterSpecificArea" type="mcdataup:GeographicalAreaType" minOccurs="0" maxOccurs="unbounded"/>

 <xs:element name="ExitSpecificArea" type="mcdataup:GeographicalAreaType" minOccurs="0" maxOccurs="unbounded"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="GeographicalAreaType">

 <xs:choice>

 <xs:element name="PolygonArea" type="mcdataup:PolygonAreaType" minOccurs="0"/>

 <xs:element name="EllipsoidArcArea" type="mcdataup:EllipsoidArcType" minOccurs="0"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="PolygonAreaType">

 <xs:sequence>

 <xs:element name="Corner" type="mcdataup:PointCoordinateType" minOccurs="3" maxOccurs="15"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="EllipsoidArcType">

 <xs:sequence>

 <xs:element name="Center" type="mcdataup:PointCoordinateType"/>

 <xs:element name="Radius" type="xs:nonNegativeInteger"/>

 <xs:element name="OffsetAngle" type="xs:unsignedByte"/>

 <xs:element name="IncludedAngle" type="xs:unsignedByte"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="PointCoordinateType">

 <xs:sequence>

 <xs:element name="Longitude" type="mcdataup:CoordinateType"/>

 <xs:element name="Latitude" type="mcdataup:CoordinateType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:simpleType name="CoordinateType">

 <xs:restriction base="xs:integer">

 <xs:minInclusive value="0"/>

 <xs:maxInclusive value="16777215"/>

 </xs:restriction>

 </xs:simpleType>

 <xs:complexType name="RulesForAffiliationManagementType">

 <xs:choice minOccurs="0" maxOccurs="unbounded">

 <xs:element name="**ListOfLocationCriteria**" type="mcdataup:GeographicalAreaChangeType"/>

 <xs:element name="FunctionalAliasList" type="mcdataup:ListEntryType"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="SpeedType">

 <xs:sequence>

 <xs:element name="MinimumSpeed" type="xs:unsignedShort"/>

 <xs:element name="MaximumSpeed" type="xs:unsignedShort"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="HeadingType">

 <xs:sequence>

 <xs:element name="MimumAngle" type="xs:unsignedShort"/>

 <xs:element name="MaximumAngle" type="xs:unsignedShort"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="ProSeUserEntryType">

 <xs:sequence>

 <xs:element name="DiscoveryGroupID" type="xs:hexBinary"/>

 <xs:element name="User-Info-ID" type="xs:hexBinary"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:attributeGroup ref="mcdataup:IndexType"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="DisplayNameElementType">

 <xs:simpleContent>

 <xs:extension base="xs:string">

 <xs:attribute ref="xml:lang"/>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>

 <xs:complexType name="IPInformationType">

 <xs:sequence>

 <xs:element name="IPInformationListEntry" type="mcdataup:IPInformationListEntryType" maxOccurs="unbounded"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:complexType name="IPInformationListEntryType">

 <xs:choice>

 <xs:element name="IPv4Address" type="xs:token"/>

 <xs:element name="IPv6Address" type="xs:token"/>

 <xs:element name="FQDN" type="xs:anyURI"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType" minOccurs="0"/>

 <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:choice>

 <xs:anyAttribute namespace="##any" processContents="lax"/>

 </xs:complexType>

 <xs:element name="allow-create-delete-user-alias" type="xs:boolean"/>

 <xs:element name="allow-create-group-broadcast-group" type="xs:boolean"/>

 <xs:element name="allow-create-user-broadcast-group" type="xs:boolean"/>

 <xs:element name="allow-transmit-data" type="xs:boolean"/>

 <xs:element name="allow-request-affiliated-groups" type="xs:boolean"/>

 <xs:element name="allow-request-to-affiliate-other-users" type="xs:boolean"/>

 <xs:element name="allow-recommend-to-affiliate-other-users" type="xs:boolean"/>

 <xs:element name="allow-regroup" type="xs:boolean"/>

 <xs:element name="allow-presence-status" type="xs:boolean"/>

 <xs:element name="allow-request-presence" type="xs:boolean"/>

 <xs:element name="allow-activate-emergency-alert" type="xs:boolean"/>

 <xs:element name="allow-cancel-emergency-alert" type="xs:boolean"/>

 <xs:element name="allow-cancel-emergency-alert-any-user" type="xs:boolean"/>

 <xs:element name="allow-enable-disable-user" type="xs:boolean"/>

 <xs:element name="allow-enable-disable-UE" type="xs:boolean"/>

 <xs:element name="allow-off-network-manual-switch" type="xs:boolean"/>

 <xs:element name="allow-off-network" type="xs:boolean"/>

 <xs:element name="anyExt" type="mcdataup:anyExtType"/>

<!-- The following anyExt elements are declared here to provide their specific format.-->

 <xs:element name="IPInformation" type="mcdataup:IPInformationType"/>

 <xs:element name="FunctionalAliasList" type="mcdataup:ListEntryType"/> <xs:element name="LocationCriteriaForActivation" type="mcdataup:GeographicalAreaChangeType"/>

 <xs:element name="LocationCriteriaForDeactivation" type="mcdataup:GeographicalAreaChangeType"/>

 <xs:element name="manual-deactivation-not-allowed-if-location-criteria-met" type="xs:boolean"/>

 <xs:element name="RulesForAffiliation" type="mcdataup:RulesForAffiliationManagementType"/>

 <xs:element name="RulesForDeaffiliation" type="mcdataup:RulesForAffiliationManagementType"/>

 <xs:element name="Speed" type="mcdataup:SpeedType"/>

 <xs:element name="Heading" type="mcdataup:HeadingType"/>

 <xs:element name="manual-deaffiliation-not-allowed-if-affiliation-rules-are-met" type="xs:boolean"/>

 <xs:element name="allow-query-functional-alias-other-user" type="xs:boolean"/>

 <xs:element name="allow-takeover-functional-alias-other-user" type="xs:boolean"/>

<xs:attributeGroup name="IndexType">

 <xs:attribute name="index" type="xs:token"/>

 </xs:attributeGroup>

 <!-- empty complex type -->

 <xs:complexType name="emptyType"/>

 <xs:complexType name="anyExtType">

 <xs:sequence>

 <xs:any namespace="##any" processContents="lax" minOccurs="0" maxOccurs="unbounded"/>

 </xs:sequence>

 </xs:complexType>

</xs:schema>

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

#### 10.3.2.7 Data Semantics

Editor's Note: In the bullets specified in this subclause, the <kms-sec> element of the <App-Server-Info> of the MCS UE initial configuration document needs to be specified in line with the CR#0055 in TS 23.280 (S6-170728) and a corresponding "KMSSEC" element will also need to be specified in the initial configuration document under the AppServerInfo node.

The <Name> element is of type "token", and corresponds to the "Name" element of subclause 10.2.3 in 3GPP TS 24.483 [4].

The <alias-entry> element of the <UserAlias> element is of type "token" and indicates an alphanumeric alias of the MCData user, and corresponds to the leaf nodes of the "UserAlias" element of subclause 10.2.13 in 3GPP TS 24.483 [4].

The <uri-entry> element is of type "anyURI" and when it appears within:

- the <MCDataUserID> element of the <Common> element, contains the MCData user identity (MCData ID) of the MCData user, and corresponds to the "MCDataUserID" element of subclause 10.2.21 in 3GPP TS 24.483 [4];

- the <MCDataUserID-KMSURI> element of the <Common> element contains the KMS URI for the security domain of the MCData user identity (MCData ID) of the MCData user and corresponds to the "MCDataUserIDKMSURI" element of subclause 10.2.9A in 3GPP TS 24.483 [4]. If this parameter is absent, the KMS URI is identified by the <kms-sec> element of the <App-Server-Info> of the MCS UE initial configuration document as specified in subclause 7.2.2.1;- the <MCData-ID> element of the <One-to-One-Communication-ListEntry> element of the <One-to-One-Communication> element of the <Common> element, contains the MCData user identity (MCData ID) of an MCData user that the configured MCData user is authorised to initiate a one-to-one communication, and corresponds to the "MCDataID" element of subclause 10.2.16E in 3GPP TS 24.483 [4];

- the <MCData-ID-KMSURI> element of the <One-to-One-Communication-ListEntry> element of the <One-to-One-Communication> element of the <Common> element, contains the KMS URI for the security domain of the MCData user identity (MCData ID) of an MCData user that the configured MCData user is authorised to initiate a one-to-one communication, and corresponds to the "MCDataIDKMSURI" element of subclause 10.2.16H in 3GPP TS 24.483 [4]. If this parameter is absent, the KMS URI is identified by the <kms-sec> element of the <App-Server-Info> of the MCS UE initial configuration document as specified in subclause 7.2.2.1;

- the <MCData-Group-ID> element of the <MCDataGroupInfo> element of the <OnNetwork> element contains the MCData group ID of an on-network MCData group for use by the configured MCData user, and corresponds to the "MCDataGroupID" element of subclause 10.2.47 in 3GPP TS 24.483 [4];

- the <Group-KMSURI> element of the <MCDataGroupInfo> element of the <OnNetwork> element contains the KMS URI for the security domain of the MCData group identity (MCData Group ID) of the on-network MCData group and corresponds to the "MCDataGroupIDKMSURI" element of subclause 10.2.54A in 3GPP TS 24.483 [4]. If this parameter is absent, the KMS URI is identified by the <kms-sec> element of the <App-Server-Info> of the MCS UE initial configuration document as specified in subclause 7.2.2.1;

- the <entry> element of the <FunctionalAliasList> list element of the <anyExt> element of the <OnNetwork> element contains a functional alias that the MCData user is authorised to activate and corresponds to the "FunctionalAlias" element of subclause 10.2.97B in 3GPP TS 24.483 [4];

- the <MCData-Group-ID> element of the <MCDataGroupInfo> element of the <OffNetwork> element contains the MCData group ID of an off-network MCData group for use by the configured MCData user, and corresponds to the "MCDataGroupID" element of subclause 10.2.103 in 3GPP TS 24.483 [4];

- the <Group-KMSURI> element of the <MCDataGroupInfo> element of the <OffNetwork> element contains the KMS URI for the security domain of the MCData group identity (MCData Group ID) of the off-network MCData group and corresponds to the "MCDataGroupIDKMSURI" element of subclause 10.2.110A in 3GPP TS 24.483 [4]. If this parameter is absent, the KMS URI is identified by the <kms-sec> element of the <App-Server-Info> of the MCS UE initial configuration document as specified in subclause 7.2.2.1;

- the <entry> element of the <GMS-App-Serv-Id> list element of the <MCDataGroupInfo> element of the <OnNetwork> element, contains the URI of the group management server hosting the on-network MCData group identified by the <MCData-Group-ID> element, and corresponds to the "GMSAppServId" element of subclause 10.2.51 in 3GPP TS 24.483 [4];

- the <entry> element of the <IdMS-Token-Endpoint> list element of the <MCDataGroupInfo> element of the <OnNetwork> element, contains the URI used to contact the identity management server token endpoint for the on-network MCData group identified by the <MCData-Group-ID> element, and corresponds to the "IdMSTokenEndPoint" element of subclause 10.2.54 in 3GPP TS 24.483 [4]. If the entry element is empty, the idms-auth-endpoint and idms-token-endpoint present in the MCS UE initial configuration document are used;

- the <entry> element of the <GMS-App-Serv-Id> list element of the <MCDataGroupInfo> element of the <OffNetwork> element, contains the URI of the group management server hosting the off-network MCData group identified by the <MCData-Group-ID> element, and corresponds to the "GMSAppServId" element of subclause 10.2.107 in 3GPP TS 24.483 [4];

- the <entry> element of the <IdMS-Token-Endpoint> list element of the <MCDataGroupInfo> element of the <OffNetwork> element, contains the URI used to contact the identity management server token endpoint for the off-network MCData group identified by the <MCData-Group-ID> element, and corresponds to the "IdMSTokenEndPoint" element of subclause 10.2.110 in 3GPP TS 24.483 [4]. If the entry element is empty, the idms-auth-endpoint and idms-token-endpoint present in the MCS UE initial configuration document are used;

- the <MCData-Group-ID> element of the <MCDataGroupHangTime> element of the <ConversationManagement> element of the <OnNetwork> element, contains the MCData group ID of an MCData group for which the MCData user has an associated <Hang-Time> duration, and corresponds to the "MCDataGroupID" element of subclause 10.2.76 in 3GPP TS 24.483 [4];

- the <MCData-ID> element of the <FD-Cancel-List-Entry> list element of the <FileDistribution> element of the <Common> element, indicates an MCData ID of an MCData user that is allowed to cancel distribution of files beings sent or waiting to be sent, and corresponds to the "MCDataID" element of subclause 10.2.21 in 3GPP TS 24.483 [4];

- the <MCData-ID-KMSURI> element of the <FD-Cancel-List-Entry> list element of the <FileDistribution> element of the <Common> element element contains the KMS URI for the security domain of the MCData user identity (MCData ID) of an MCData user that the configured MCData user is authorised to initiate a one-to-one communication, and corresponds to the "MCDataIDKMSURI" element of subclause 10.2.21A in 3GPP TS 24.483 [4]. If this parameter is absent, the KMS URI is identified by the <kms-sec> element of the <App-Server-Info> of the MCS UE initial configuration document as specified in subclause 7.2.2.1;

- the <entry> element of the <TxReleaseList> list element of the <TxRxControl> element of the <Common> element, indicates an MCData ID of an MCData user that this MCData user is allowed to request release of an ongoing transmission and corresponds to the "MCDataID" element of subclause 10.2.30 in 3GPP TS 24.483 [4];

- the <entry> element of the <GroupEmergencyAlert> element of the <Common> element, indicates the MCData group recipient for an MCData emergency Alert and corresponds to the "ID" element of subclause 10.2.38 in 3GPP TS 24.483 [4];

- the <entry> element of the <ImplicitAffiliations> list element of the <OnNetwork> element indicates an MCData group ID of an MCData group that the MCData user is implicitly affiliated with, and corresponds to the "MCDataGroupID" element of subclause 10.2.59 in 3GPP TS 24.483 [4];

- the <entry> element of the <PresenceStatus> list element of the <OnNetwork> element indicates an MCData ID of an MCData user that the configured MCData user is authorised to obtain presence status, and corresponds to the "MCDataID" element of subclause 10.2.64 in 3GPP TS 24.483 [4];

- the <entry> element of the <RemoteGroupChange> list element of the <OnNetwork> element indicates an MCData ID of an MCData user whose selected groups are authorised to be remotely changed by the configured MCData user and corresponds to the "MCDataID" element of subclause 10.2.69 in 3GPP TS 24.483 [4];

- the <entry> element of the <DeliveredDisposition> list element of the <ConversationManagement> element of the <OnNetwork> element, indicates an MCData ID of an MCData user who is to be sent a message delivered disposition notification in addition to the message sender and corresponds to the "MCDataID" element of subclause 10.2.82 in 3GPP TS 24.483 [4];

- the <entry> element of the <ReadDisposition> list element of the <ConversationManagement> element of the <OnNetwork> element, indicates an MCData ID of an MCData user who is to be sent a message delivered disposition notification in addition to the message sender, and corresponds to the "MCDataID" element of subclause 10.2.87 in 3GPP TS 24.483 [4]; and

- the <entry> element of the <One-To-One-EmergencyAlert> element of the <OnNetwork> element indicates the MCData user recipient for an on-network MCData emergency one-to-one alert and corresponds to the "ID" element of subclause 10.2.91 in 3GPP TS 24.483 [4].

The <DiscoveryGroupID> element is of type "hexBinary" and is used as the Discovery Group ID in the ProSe discovery procedures as specified in 3GPP TS 23.303 [18] and 3GPP TS 23.334 [19]. When it appears within:

- the <ProSeUserID-entry> element of the <One-To-One-CommunicationListEntry> element of the <One-To-One-Communication> element of the <OffNetwork> element, it identifies the Discovery Group ID that the MCData UE uses to initiate a one-to-one communication during off-network operation and corresponds to the "DiscoveryGroupID" element of subclause 10.2.16F in 3GPP TS 24.483 [4].

The <display-name> element is of type "string", contains a human readable name and when it appears within:

- the <MCData-ID> element of the <One-to-One-CommunicationListEntry> element of the <One-to-One-Communication> element of the <OffNetwork> element, contains the name of an MCData user that the configured MCData user is authorised to initiate a one-to-one communication, and corresponds to the "DisplayName" element of subclause 10.2.16I in 3GPP TS 24.483 [4];

- the <MCData-Group-ID> element of the <MCDataGroupInfo> element of the <OnNetwork> element contains the name of an on-network MCData group for use by the configured MCData user, and corresponds to the "DisplayName" element of subclause 10.2.48 in 3GPP TS 24.483 [4];

- the <MCData-Group-ID> element of the <MCDataGroupInfo> element of the <OffNetwork> element contains the name of an off-network MCData group for use by the configured MCData user, and corresponds to the "DisplayName" element of subclause 10.2.104 in 3GPP TS 24.483 [4];

- the <MCData-Group-ID> element of the <MCDataGroupHangTime> element of the <ConversationManagement> element of the <OnNetwork> element, contains the name of an MCData group for which the MCData user has an associated <Hang-Time> duration, and corresponds to the "DisplayName" element of subclause 10.2.77 in 3GPP TS 24.483 [4];

- the <MCData-ID> element of the <FD-Cancel-List-Entry> list element of the <FileDistribution> element of the <Common> element, indicates the name of an MCData user that is allowed to cancel distribution of files beings sent or waiting to be sent and corresponds to the "DisplayName" element of subclause 10.2.22 in 3GPP TS 24.483 [4];

- the <entry> element of the <TxReleaseList> list element of the <TxRxControl> element of the <Common> element, indicates the name of an MCData user that is allowed to request release of an ongoing transmission and corresponds to the "DisplayName" element of subclause 10.2.31 in 3GPP TS 24.483 [4];

- the <entry> element of the <GroupEmergencyAlert> element of the <Common> element, indicates the name of the MCData group recipient for an MCData emergency Alert and corresponds to the "DisplayName" element of subclause 10.2.39 in 3GPP TS 24.483 [4];

- the <entry> element of the <ImplicitAffiliations> list element of the <OnNetwork> element indicates the name of an MCData group that the MCData user is implicitly affiliated with, and corresponds to the "DisplayName" element of subclause 10.2.60 in 3GPP TS 24.483 [4];;

- the <entry> element of the <PresenceStatus> list element of the <OnNetwork> element indicates the name of an MCData user that the configured MCData user is authorised to obtain presence status of, and corresponds to the "DisplayName" element of subclause 10.2.65 in 3GPP TS 24.483 [4];;

- the <entry> element of the <RemoteGroupChange> list element of the <OnNetwork> element indicates the name of an MCData user whose selected groups are authorised to be remotely changed by the configured MCData user and corresponds to the "DisplayName" element of subclause 10.2.70 in 3GPP TS 24.483 [4];

- the <entry> element of the <DeliveredDisposition> list element of the <ConversationManagement> element of the <OnNetwork> element, indicates the name of an MCData user who is to be sent a message delivered disposition notification in addition to the message sender, and corresponds to the "DisplayName" element of subclause 10.2.83 in 3GPP TS 24.483 [4];

- the <entry> element of the <ReadDisposition> list element of the <ConversationManagement> element of the <OnNetwork> element, indicates the name of an MCData user who is to be sent a message read disposition notification in addition to the message sender, and corresponds to the "DisplayName" element of subclause 10.2.88 in 3GPP TS 24.483 [4]; and

- the <entry> element of the <One-To-One-EmergencyAlert> element of the <OnNetwork> element indicates the name of the MCData user recipient for an on-network MCData emergency one-to-one alert and corresponds to the "DisplayName" element of subclause 10.2.92 in 3GPP TS 24.483 [4].

The "index" attribute is of type "token" and is included within some elements for uniqueness purposes, and does not appear in the user profile configuration managed object specified in 3GPP TS 24.483 [4].

The <Status> element is of type "Boolean" and indicates whether this particular MCData user profile is enabled or disabled and corresponds to the "Status" element of subclause 10.2.121 in 3GPP TS 24.483 [4]. When set to "true" this MCData user profile is enabled. When set to "false" this MCData user profile is disabled.

The "user-profile-index" is of type "unsignedByte" and indicates the particular MCData user profile configuration document in the collection and corresponds to the "MCDataUserProfileIndex" element of subclause 10.2.8 in 3GPP TS 24.483 [4].

The <ProfileName> element is of type "token" and specifies the name of the MCData user profile configuration document in the MCData user profile XDM collection and corresponds to the "MCDataUserProfileName" element of subclause 10.2.9 in 3GPP TS 24.483 [4].

The <Pre-selected-indication> element is of type "mcdataup:empty Type". Presence of the <Pre-selected-indication> element indicates that this particular MCData user profile is designated to be the pre-selected MCData user profile as defined in 3GPP TS 23.282 [24], and corresponds to the "PreSelectedIndication" element of subclause 10.2.10 in 3GPP TS 24.483 [4]. Absence of the <Pre-selected-indication> element indicates that this MCData user profile is not designated as the pre-selected MCData user profile within the collection of MCData user profiles for the MCData user or is the only MCData user profile within the collection and is the pre-selected MCData user profile by default.

The "XUI-URI" attribute is of type "anyURI" that contains the XUI of the MCData user for whom this MCData user profile configuration document is intended and does not appear in the user profile configuration managed object specified in 3GPP TS 24.483 [4].

The <ParticipantType> element of the <Common> element is of type "token" and indicates the functional category of the MCData user (e.g., first responder, second responder, dispatch, dispatch supervisor). The <ParticipantType> element corresponds to the "ParticipantType" element of subclause 10.2.15 in 3GPP TS 24.483 [4].

The <MissionCriticalOrganization> element of the <Common> element is of type "string" and indicates the name of the mission critical organization the MCData User belongs to. The <MissionCriticalOrganization> element corresponds to the "Organization" element of subclause 10.2.16 in 3GPP TS 24.483 [4].

The <MaxData1To1> element of the <TxRxControl> element of the <Common> element is of type "positive integer" and indicates the maximum amount of data (in megabytes) that an MCData user can transmit in a single request during one-to-one communication. The <MaxData1To1> element corresponds to the "MaxData1To1" element of subclause 10.2.25 in 3GPP TS 24.483 [4].

The <MaxTime1To1> element of the <TxRxControl> element of the <Common> element is of type "duration" and indicates the maximum amount of time that an MCData user can transmit for in a single request during one-to-one communication. The <MaxTime1To1> element corresponds to the "MaxTime1To1" element of subclause 10.2.26 in 3GPP TS 24.483 [4].

The <RelativePresentationPriority> element is of type "nonNegativeInteger" and when it appears in:

- the <MCDataGroupInfo> element of the <OnNetwork> element, contains an integer value between 0 and 255 indicating the presentation priority of the on-network group relative to other on-network groups and on-network users, and corresponds to the "PresentationPriority" element of subclause 10.2.55 in 3GPP TS 24.483 [4]; and

- the <MCDataGroupInfo> element of the <OffNetwork> element, contains an integer value between 0 and 255 indicating the presentation priority of the off-network group relative to other off-network groups and off-network users, and corresponds to the "PresentationPriority" element of subclause 10.2.111 in 3GPP TS 24.483 [4];

The <MaxAffiliationsN2> element is of type "nonNegativeInteger", and indicates the maximum number of MCData groups that the MCData user is authorised to affiliate with, and corresponds to the "MaxAffiliationsN2" element of subclause 10.2.71 in 3GPP TS 24.483 [4].

The <HangTime> element of the <MCDataGroupHangTime> element of the <ConversationManagement> element of the <OnNetwork> element is of type "duration", and contains the conversation hang time associated with the configured MCData group, for the MCData user, and corresponds to the "HangTime" element of subclause 10.2.78 in 3GPP TS 24.483 [4];

The <User-Info-ID> element is of type "hexBinary". When the <User-Info-ID> element appears within:

- the <ProSeUserID-entry> element of the <One-to-One-CommunicationListEntry> element of the <One-To-One-Communication> element of the <Off-Network> element indicates the ProSe "User Info ID" as defined in 3GPP TS 23.303 [18] and 3GPP TS 24.334 [19] of the recipient MCData user for a one-to-one communication and corresponds to the "UserInfoID" element of subclause 10.2.16G in 3GPP TS 24.483 [4]; and

- the <OffNetwork> element, indicates the ProSe "User Info ID" as defined in 3GPP TS 23.303 [18] and 3GPP TS 24.334 [19] of the MCData UE for off-network operation and corresponds to the "UserInfoID" element of subclause 10.2.112 in 3GPP TS 24.483 [4].

The "entry-info" attribute is of type "string" and when it appears within:

- the <entry> element within the <GroupEmergencyAlert> element of the <Common> element, it corresponds to the "Usage" element of subclause 10.2.40 in 3GPP TS 24.483 [4] and indicates to use as the destination address for a group emergency alert:

a) the MCData user currently selected MCData group if the "entry-info" attribute has the value of 'UseCurrentlySelectedGroup'; and

b) the value in the <uri-entry> element within the <entry> element of the <GroupEmergencyAlert> element for an on-network group emergency alert, if the "entry-info" attribute has the value of:

i) 'DedicatedGroup'; or

ii) 'UseCurrentlySelectedGroup' and the MCData user has no currently selected MCData group; and

- the <entry> element within the <One-To-One-EmergencyAlert> element of the <OnNetwork> element, it corresponds to the "Usage" element of subclause 10.2.93 in 3GPP TS 24.483 [4] and indicates to use as the destination address for on-network one-to-one emergency alert:

a) the MCData ID of an MCData user that is selected by the MCData user if the "entry-info" attribute has the value of 'LocallyDetermined'; and

b) the value in the <uri-entry> element within the <entry> element of the <One-To-One-EmergencyAlert> element, if the "entry-info" attribute has the value of:

i) 'UsePreConfigured'; or

ii) 'LocallyDetermined' and the MCData user has no currently selected MCData user.

The <LocationCriteriaForActivation> element within the <anyExt> element of the <entry> element within the <FunctionalAliasList> list element of the <anyExt> element of the <OnNetwork> element indicates the geographical area changes that trigger the functional alias activation. It corresponds to the "LocationCriteriaForActivation" element of subclause 10.2.97B3B in 3GPP TS 24.483 [4] and consists of the following sub-elements:

- <EnterSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element indicating a geographical area which when entered triggers the functional alias activation. The <EnterSpecificArea> element has the following sub-elements:

a) <PolygonArea>, an optional element specifying the area as a polygon specified in subclause 5.2 in 3GPP TS 23.032 [31];

b) <EllipsoidArcArea>, an optional element specifying the area as an Ellipsoid Arc specified in subclause 5.7 in 3GPP TS 23.032 [31];

c) <Speed>, an optional element specifying the horizontal speed of the device specified in subclause 8 in 3GPP TS 23.032 [31]; and

d) <Heading>, an optional element specifying the bearing of the device specified in subclause 8 in 3GPP TS 23.032 [31];

- <ExitSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element indicating a geographical area which when exited triggers the functional alias activation and has the same sub-elements as <EnterSpecificArea>.

The <LocationCriteriaForDeactivation> element within the <anyExt> element of the <entry> element within the <FunctionalAliasList> list element of the <anyExt> element of the <OnNetwork> element indicates the geographical area changes that trigger the functional alias deactivation. It corresponds to the "LocationCriteriaForDeactivation" element of subclause 10.2.97B3C in 3GPP TS 24.483 [4] and consists of the following sub-elements:

- <EnterSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element specifying a geographical area which when entered triggers the functional alias deactivation;

- <ExitSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element specifying a geographical area which when exited triggers the functional alias deactivation.

The <manual-deactivation-not-allowed-if-location-criteria-met> element within the <anyExt> element of the <entry> element within the <FunctionalAliasList> list element of the <anyExt> element of the <OnNetwork> element is of type "Boolean" and corresponds to the "ManualDeactivationNotAllowedIfLocationCriteriaMet" element of subclause 10.2.97B3D in 3GPP TS 24.483 [4]. When set to "true" the MCData user is not allowed to deactivate the functional alias while the location criteria for activation are met.

The <RulesForAffiliation> element within the <entry> element within the <MCDataGroupInfo> list element of the <OnNetwork> element indicates upon a change in geographical area or a change in functional alias activation status to the MCData client to evaluate the rules. If for any rule any location criteria is fulfilled and any functional alias criteria is fulfilled the MCData client triggers the group affiliation. It corresponds to the "RulesForAffiliation" element of subclause 10.2.55A in 3GPP TS 24.483 [4] and consists of the following sub-elements:

- <ListOfLocationCriteria> element is of type "mcdataup: GeographicalAreaChangeType". It is an optional element indicating the location related criteria of a rule. The <ListOfLocationCriteria> element has the following sub-elements:

a) <EnterSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element indicating a geographical area which when entered triggers the evaluation of the rules. If any rule is fulfilled it triggers the group affiliation. The <EnterSpecificArea> element has the following sub-elements:

i] <PolygonArea>, an optional element specifying the area as a polygon specified in subclause 5.2 in 3GPP TS 23.032 [31]; and

ii) <EllipsoidArcArea>, an optional element specifying the area as an Ellipsoid Arc specified in subclause 5.7 in 3GPP TS 23.032 [31].

iii] a <Speed> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumSpeed> is of type "unsignedShort", indicates the minimum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumSpeed" element of subclause 10.2.55A19 in 3GPP TS 24.483 [4].

B) <MaximumSpeed> is of type "unsignedShort", indicates the maximum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumSpeed" element of subclause 10.2.55A20 in 3GPP TS 24.483 [4].

iv) a <Heading> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumHeading" element of subclause 10.2.55A22 in 3GPP TS 24.483 [4].

A) <MaximumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumHeading" element of subclause 10.2.55A23 in 3GPP TS 24.483 [4].

b) <ExitSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element indicating a geographical area which when exited triggers the evaluation of the rules. If any rule is fulfilled it triggers the group affiliation. The <ExitSpecificArea> element has the following sub-elements:

i] <PolygonArea>, an optional element specifying the area as a polygon specified in subclause 5.2 in 3GPP TS 23.032 [31]; and

ii) <EllipsoidArcArea>, an optional element specifying the area as an Ellipsoid Arc specified in subclause 5.7 in 3GPP TS 23.032 [31].

iii] a <Speed> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumSpeed> is of type "unsignedShort", indicates the minimum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumSpeed" element of subclause 10.2.55A39 in 3GPP TS 24.483 [4].

B) <MaximumSpeed> is of type "unsignedShort", indicates the maximum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumSpeed" element of subclause 10.2.55A40 in 3GPP TS 24.483 [4].

iv) a <Heading> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumHeading" element of subclause 10.2.55A42 in 3GPP TS 24.483 [4].

A) <MaximumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumHeading" element of subclause 10.2.55A43 in 3GPP TS 24.483 [4].

- <ListOfActiveFunctionalaliases> containing one or more <entry> elements containg the <FunctionalAlias> element containing a functional alias whose activation or deactivation triggers evaluation of the rules and corresponds to the "FunctionalAlias" element of subclause 10.2.55A47 in 3GPP TS 24.483 [4];

The <RulesForDeaffiliation> element within the <entry> element within the <MCDataGroupInfo> list element of the <OnNetwork> element indicates upon a change in geographical area or a change in functional alias activation status to the MCData client to evaluate the rules. If for any rule any location criteria is fulfilled and any functional alias criteria is fulfilled the MCData client triggers the group affiliation. It corresponds to the "RulesForDeaffiliation" element of subclause 10.2.55B in 3GPP TS 24.483 [4] and consists of the following sub-elements:

- <ListOfLocationCriteria> element is of type "mcdataup: GeographicalAreaChangeType". It is an optional element indicating the location related criteria of a rule. The <ListOfLocationCriteria> element has the following sub-elements:

a) <EnterSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element indicating a geographical area which when entered triggers the evaluation of the rules. If any rule is fulfilled it triggers the group affiliation. The <EnterSpecificArea> element has the following sub-elements:

i] <PolygonArea>, an optional element specifying the area as a polygon specified in subclause 5.2 in 3GPP TS 23.032 [31]; and

ii) <EllipsoidArcArea>, an optional element specifying the area as an Ellipsoid Arc specified in subclause 5.7 in 3GPP TS 23.032 [31].

iii] a <Speed> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumSpeed> is of type "unsignedShort", indicates the minimum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumSpeed" element of subclause 10.2.55B19 in 3GPP TS 24.483 [4].

B) <MaximumSpeed> is of type "unsignedShort", indicates the maximum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumSpeed" element of subclause 10.2.55B20 in 3GPP TS 24.483 [4].

iv) a <Heading> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumHeading" element of subclause 10.2.55B22 in 3GPP TS 24.483 [4].

A) <MaximumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumHeading" element of subclause 10.2.55B23 in 3GPP TS 24.483 [4].

b) <ExitSpecificArea> element is of type "mcdataup: GeographicalAreaType". It is an optional element indicating a geographical area which when exited triggers the evaluation of the rules. If any rule is fulfilled it triggers the group affiliation. The <ExitSpecificArea> element has the following sub-elements:

i] <PolygonArea>, an optional element specifying the area as a polygon specified in subclause 5.2 in 3GPP TS 23.032 [31]; and

ii) <EllipsoidArcArea>, an optional element specifying the area as an Ellipsoid Arc specified in subclause 5.7 in 3GPP TS 23.032 [31].

iii] a <Speed> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumSpeed> is of type "unsignedShort", indicates the minimum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumSpeed" element of subclause 10.2.55B39 in 3GPP TS 24.483 [4].

B) <MaximumSpeed> is of type "unsignedShort", indicates the maximum speed that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumSpeed" element of subclause 10.2.55B40 in 3GPP TS 24.483 [4].

iv) a <Heading> element specifying the horizontal speed of the device as specified in subclause 8 in 3GPP TS 23.032 [31] that has the following sub-elements:

A) <MinimumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MinimumHeading" element of subclause 10.2.55B42 in 3GPP TS 24.483 [4].

A) <MaximumHeading> is of type "unsignedShort", indicates the minimum heading that is considered in the evaluation of a rule for a specific area that would trigger affiliation and corresponds to the "MaximumHeading" element of subclause 10.2.55B43 in 3GPP TS 24.483 [4].

- <ListOfActiveFunctionalaliases> containing one or more <entry> elements containg the <FunctionalAlias> element containing a functional alias whose activation or deactivation triggers evaluation of the rules and corresponds to the "FunctionalAlias" element of subclause 10.2.55B47 in 3GPP TS 24.483 [4];

The <manual-deaffiliation-not-allowed-if-affiliation-rules-are-met> element within the <MCDataGroupList> list element of the <OnNetwork> element is of type "Boolean" and corresponds to the "ManualDeaffiliationNotAllowedIfAffiliationRulesAreMet" element of subclause 10.2.55B48 in 3GPP TS 24.483 [4]. When set to "true" the MCData user is not allowed to deaffiliate from the group if the rules for affiliation are met.

The <anyExt> can be included with the following elements not declared in the XML schema:

a) a <MCDataContentServerURI> element of type "xs:anyURI":

i) set to the value of the absolute URI associated with media storage function of MCData content server, and corresponds to the "MCDataContentServerURI" element of subclause 10.2.97A in 3GPP TS 24.483 [4].

The <allow-create-delete-user-alias> element is of type Boolean, as specified in table 10.3.2.7-1, and corresponds to the "AuthorisedAlias" element of subclause 10.2.14 in 3GPP TS 24.483 [4].

Table 10.3.2.7-1: Values of <allow-create-delete-user-alias>

|  |  |
| --- | --- |
| "true" | indicates that the MCData user is locally authorised to create or delete aliases of an MCData user and its associated user profiles. |
| "false" | indicates that the MCData user is not locally authorised to create or delete aliases of an MCData user and its associated user profiles. |

The <allow-create-group-broadcast-group> element is of type Boolean, as specified in table 10.3.2.7-2, and corresponds to the "Authorised" element of subclause 10.2.33 in 3GPP TS 24.483 [4].

Table 10.3.2.7-2: Values of <allow-create-group-broadcast-group>

|  |  |
| --- | --- |
| "true" | indicates that the MCData user is locally authorised to send a request to create a group-broadcast group according to the procedures of 3GPP TS 24.481 [5]. |
| "false" | Indicates that the MCData user is not locally authorised to send a request to create a group-broadcast group according to the procedures of 3GPP TS 24.481 [5]. |

The <allow-create-user-broadcast-group> element is of type Boolean, as specified in table 10.3.2.7-3, and corresponds to the "Authorised" element of subclause 10.2.35 in 3GPP TS 24.483 [4].

Table 10.3.2.7-3: Values of <allow-create-user-broadcast-group>

|  |  |
| --- | --- |
| "true" | indicates that the MCData user is locally authorised to send a request to create a user-broadcast group according to the procedures of 3GPP TS 24.481 [5]. |
| "false" | Indicates that the MCData user is not locally authorised to send a request to create a user-broadcast group according to the procedures of 3GPP TS 24.481 [5]. |

The <allow-transmit-data> element is of type Boolean, as specified in table 10.3.2.7-4, and corresponds to the "AuthorisedTransmit" element of subclause 10.2.24 in 3GPP TS 24.483 [4].

Table 10.3.2.7-4: Values of <allow-transmit-data>

|  |  |
| --- | --- |
| "true" | indicates that the MCData user is permitted to transmit data. |
| "false" | indicates that the MCData user is not permitted to transmit data. |

The <allow-request-affiliated-groups> element is of type Boolean, as specified in table 10.3.2.7-5, and does not appear in the user profile configuration managed object specified in 3GPP TS 24.483 [4].

Table 10.3.2.7-5: Values of <allow-request-affiliated-groups>

|  |  |
| --- | --- |
| "true" | Instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is authorised to request the list of MCData groups to which a specified MCData user is affiliated. |
| "false" | Instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is not authorised to request the list of MCData groups to which the a specified MCData user is affiliated. |

The <allow-request-to-affiliate-other-users> element is of type Boolean, as specified in table 10.3.2.7-6, and does not appear in the MCData user profile configuration managed object specified in 3GPP TS 24.483 [4].

Table 10.3.2.7-6: Values of <allow-request-to-affiliate-other-users>

|  |  |
| --- | --- |
| "true" | Instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is authorised to request specified MCData user(s) to be affiliated to/deaffiliated from specified MCData group(s). |
| "false" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is not authorised to request specified MCData user(s) to be affiliated to/deaffiliated from specified MCData group(s). |

The <allow-recommend-to-affiliate-other-users> element is of type Boolean, as specified in table 10.3.2.7-7, and does not appear in the MCData user profile configuration managed object specified in 3GPP TS 24.483 [4].

Table 10.3.2.7-7: Values of <allow-recommend-to-affiliate-other-users>

|  |  |
| --- | --- |
| "true" | Instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is authorised to recommend to specified MCData user(s) to affiliate to specified MCData group(s). |
| "false" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is not authorised to recommend to specified MCData user(s) to affiliate to specified MCData group(s). |

The <allow-regroup> element is of type Boolean, as specified in table 10.3.2.7-8, and corresponds to the "AllowedRegroup" element of subclause 10.2.94 in 3GPP TS 24.483 [4].

Table 10.3.2.7-8: Values of <allow-regroup>

|  |  |
| --- | --- |
| "true" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is locally authorised to send a dynamic regrouping request according to the procedures defined in 3GPP TS 24.481 [5]. |
| "false" | instructs the MCData server performing the participating MCData function for the MCData user, that the MCData user is not locally authorised to send a dynamic regrouping request according to the procedures defined in 3GPP TS 24.481 [5]. |

The <allow-presence-status> element is of type Boolean, as specified in table 10.3.2.7-9, and corresponds to the "AllowedPresenceStatus" element of subclause 10.2.95 in 3GPP TS 24.483 [4].

Table 10.3.2.7-9: Values of <allow-presence-status>

|  |  |
| --- | --- |
| "true" | indicates to the MCData user that their presence on the network is available. |
| "false" | indicates to the MCData user that their presence on the network is not available |

The <allow-request-presence> element is of type Boolean, as specified in table 10.3.2.7-10, and corresponds to the "AllowedPresence" element of subclause 10.2.96 in 3GPP TS 24.483 [4].

Table 10.3.2.7-10: Values of <allow-request-presence>

|  |  |
| --- | --- |
| "true" | indicates that the MCData user is locally authorised to request whether a particular MCData User is present on the network. |
| "false" | indicates that the MCData user is not locally authorised to request whether a particular MCData User is present on the network. |

The <allow-activate-emergency-alert> element is of type Boolean, as specified in table 10.3.2.7-11, and corresponds to the "AllowedActivateAlert" element of subclause 10.2.41 in 3GPP TS 24.483 [4].

Table 10.3.2.7-11: Values of <allow-activate-emergency-alert>

|  |  |
| --- | --- |
| "true" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is authorised to activate an emergency alert using the procedures defined in 3GPP TS 24.282 [25]. |
| "false" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is not authorised to activate an emergency alert using the procedures defined in 3GPP TS 24.282 [25]. |

The <allow-cancel-emergency-alert> element is of type Boolean, as specified in table 10.3.2.7-12, and corresponds to the "AllowedCancelAlert" element of subclause 10.2.42 in 3GPP TS 24.483 [4].

Table 10.3.2.7-12: Values of <allow-cancel-emergency-alert>

|  |  |
| --- | --- |
| "true" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is authorised to cancel an emergency alert using the procedures defined in 3GPP TS 24.282 [25]. |
| "false" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is not authorised to cancel an emergency alert using the procedures defined in 3GPP TS 24.282 [25]. |

The <allow-cancel-emergency-alert-any-user> element is of type Boolean, as specified in table 10.3.2.7-13, and does not appear in the MCData user profile configuration managed object specified in 3GPP TS 24.483 [4].

Table 10.3.2.7-13: Values of <allow-cancel-emergency-alert-any-user>

|  |  |
| --- | --- |
| "true" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is authorised to cancel any on-network emergency alert on any MCData UE of any user, using the procedures defined in 3GPP TS 24.282 [25]. |
| "false" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is not authorised to cancel any on-network emergency alert on any MCData UE of any user, using the procedures defined in 3GPP TS 24.282 [25]. |

The <allow-enable-disable-user> element is of type Boolean, as specified in table 10.3.2.7-14, and does not appear in the MCData user profile configuration managed object specified in 3GPP TS 24.483 [4].

Table 10.3.2.7-14: Values of <allow-enable-disable-user>

|  |  |
| --- | --- |
| "true" | indicates that the MCData user is locally authorised to enable/disable other MCData users from receiving MCData service. |
| "false" | indicates that the MCData user is not locally authorised to enable/disable other MCData users from receiving MCData service. |

The <allow-enable-disable-UE> element is of type Boolean, as specified in table 10.3.2.7-15, and does not appear in the MCData user profile configuration managed object specified in 3GPP TS 24.483 [4].

Table 10.3.2.7-15: Values of <allow-enable-disable-UE>

|  |  |
| --- | --- |
| "true" | indicates that the MCData user is locally authorised to enable/disable other MCData UEs from receiving MCData service. |
| "false" | indicates that the MCData user is not locally authorised to enable/disable other MCData UEs from receiving MCData service. |

The <allow-off-network-manual-switch> element is of type Boolean, as specified in table 10.3.2.7-16, and corresponds to the "AllowedManualSwitch" element of subclause 10.2.97 in 3GPP TS 24.483 [4].

Table 10.3.2.7-16: Values of <allow-off-network-manual-switch>

|  |  |
| --- | --- |
| "true" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is authorised for manual switch to off-network operation while in on-network, using the procedures defined in 3GPP TS 24.282 [25]. |
| "false" | instructs the MCData server performing the originating participating MCData function for the MCData user, that the MCData user is not authorised for manual switch to off-network operation while in on-network, using the procedures defined in 3GPP TS 24.282 [25]. |

The <allow-off-network> element is of type Boolean, as specified in table 10.3.2.7-17, and corresponds to the "Authorised" element of subclause 10.2.99 in 3GPP TS 24.483 [4].

Table 10.3.2.7-17: Values of <allow-off-network>

|  |  |
| --- | --- |
| "true" | Indicates that the MCData user is authorised for off-network operation using the procedures defined in 3GPP TS 24.282 [25]. |
| "false" | Indicates that the MCData user is not authorised for off-network operation using the procedures defined in 3GPP TS 24.282 [25]. |

The <allow-query-functional-alias-other-user> element is of type Boolean, as specified in table 10.3.2.7-18, and corresponds to the "AllowedQueryFunctionalAliasOtherUser" element of subclause 10.2.97C in 3GPP TS 24.483 [4].

Table 10.3.2.7-18: Values of <allow-query-functional-alias-other-user>

|  |  |
| --- | --- |
| "true" | instructs the MCData server performing the participating MCData function for the MCData user, that the MCData user is authorised to query the functional alias(es) activated by another MCData user using the procedures defined in 3GPP TS 24.282 [25]. |
| "false" | instructs the MCData server performing the participating MCData function for the MCData user, that the MCData user is not authorised to query the functional alias(es) activated by another MCData user using the procedures defined in 3GPP TS 24.282 [25]. |

The <allow-takeover-functional-alias-other-user> element is of type Boolean, as specified in table 10.3.2.7-19, and corresponds to the "AllowedTakeoverFunctionalAliasOtherUser" element of subclause 10.2.97D in 3GPP TS 24.483 [4].

Table 10.3.2.7-19: Values of <allow-takeover-functional-alias-other-user>

|  |  |
| --- | --- |
| "true" | instructs the MCData server performing the participating MCData function for the MCData user, that the MCData user is authorised to take over the functional alias(es) previously activated by another MCData user using the procedures defined in 3GPP TS 24.282 [25]. |
| "false" | instructs the MCData server performing the participating MCData function for the MCData user, that the MCData user is not authorised to take over the functional alias(es) previously activated by another MCData user using the procedures defined in 3GPP TS 24.282 [25]. |

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