

# Parameter Description for Provisioning MTAS MOCs MTAS

---

## PARAMETER DESCRIPTION

**Copyright**

© Ericsson AB 2016. All rights reserved. No part of this document may be reproduced in any form without the written permission of the copyright owner.

**Disclaimer**

The contents of this document are subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson shall have no liability for any error or damage of any kind resulting from the use of this document.

**Trademark List**

All trademarks mentioned herein are the property of their respective owners. These are shown in the document Trademark Information.



# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Overview</b>	<b>3</b>
2.1	Managed Object Class	3
2.2	Managed Object Attribute Description	3
2.3	Administrative State	6
<b>3</b>	<b>Managed Object Classes</b>	<b>7</b>
3.1	MtasFunction	7
3.2	MtasServices	7
3.3	MtasMmt	7
3.4	MtasDnm	7
3.5	MtasDnmAccType	15
3.6	MtasDnmAccTypeAccInfo	16
3.7	MtasDnmAccTypeAccInfoSCode	18
3.8	MtasDnmCovArea	20
3.9	MtasDnmServiceArea	22
3.10	MtasDnmShortCode	24
3.11	MtasDnmCallTypePolicy	25
3.12	MtasCommonData	28
3.13	MtasCommonDataAccNetwType	29
3.14	MtasCommonDataAccNetwTypeAccInfo	30
3.15	MtasCommonDataAccNetwTypeAccInfoDnmSCode	35
3.16	MtasCommonDataLocationDb	37
3.17	MtasCommonDataGroupOfCells	39
3.18	MtasCommonDataGroupOfCellsAndCode	42
3.19	MtasCommonDataAllowedAccessNetworkTypes	44
3.20	MtasCommonDataAllowedAccessInfoTypes	45
3.21	MtasCommonDataPaniTranslationProfiles	47
3.22	MtasCommonDataPaniTranslationProfile	48





# 1 Introduction

This document describes the Managed Object Model (MOM) of the MTAS regarding provisioning MOs. Provisioning related MOs are not accessible via COM NBI, so LDAP should be used for CM instead. Refer to *vDicos Provisioning LDAP Interface Description*.





## 2 Overview

This MOM presents a view of provisioning related manageable resources in the MTAS, and parameters and actions associated with these resources.

An MO is an entity presented to the user for the purpose of controlling the aspects of a function. The object carries attributes that reflect the behavior of the function.

The MOs are identified by means of a naming attribute, also called the Relative Distinguished Name (RDN). The id part of this attribute is defined when the MO is created, and cannot be changed afterwards. A Distinguished Name (DN) is a sequence of RDNs, which forms a unique name within the node.

### 2.1 Managed Object Class

Each MOC is described in the format defined in the following table:

*Table 1 Managed Object Class*

<b>Managed Object Class</b>
System or User created. If an MOC is System Created it is created at initial start.
Cardinality: The cardinality for the MO
Name: The name of the MO
MOI: The instance of this MOC

### 2.2 Managed Object Attribute Description

Each MO attribute is described in the format defined as follows:



Property	Description
Cardinality	<p>The cardinality for the attribute value.</p> <p>If a value is mandatory: Then a value for the attribute must be provided when creating the MO. The cardinality shall start with 1, example 1-1.</p> <p>If a value is optional: Then the initial value of the attribute is optional when creating the MO. The default value will be assigned at creation of the MO. The cardinality shall start with 0, example 0-1.</p>
LDAP Object ID	The LDAP object identity in the MIM, for example, 1.3.6.1.4.1.193.238.0.2.101.
Managed Object Class	The attribute's container Managed Object Class.
Type	"Boolean", "Integer", "String", "List of strings".
Enumeration	
Range	The range of possible values for the attribute, if defined.
Unit	For example: "Days", "Hours", "Seconds", "Milliseconds".
Length	Length for string.
Possible values and Meanings	Possible values of the attribute, if defined.
Default value	<p>The default value for the attribute.</p> <p>"&lt;Empty&gt;" in this field means "empty string" or "empty list of strings", that is, there is no value assigned to the attribute. "Not applicable" means that a default value cannot be given, for example, when assigning a valid value to a attribute is mandatory.</p>
Access	"Read-Write" or "Read-Only".





Property	Description
Category	<p data-bbox="948 398 1445 521">"Internal" – Internal parameters can in principle be seen as constants. The intention is that the parameters never be changed.</p> <p data-bbox="948 548 1445 797">"Solution Integration" – Solution integration parameters are delivered with recommended default settings and changes normally be performed by Ericsson trained personnel only. There are a few different reasons that make a parameter classified as solution integration dependent:</p> <ul data-bbox="948 824 1445 1317" style="list-style-type: none"> <li>• The parameter value selection has a visible impact on the characteristics of the Network Element (capacity, latency, and so on) in a way that is not reasonable to foresee.</li> <li>• The parameter value selection is dependent on other parameters, maybe even in other Network Elements. That is, a parameter setting coordination is required.</li> <li>• The parameter value selection has a big importance when it comes to achieving a requested system behavior, for example, redundancy.</li> </ul> <p data-bbox="948 1344 1445 1877">"Site Specific" – The site specific parameters are dependent on the network topology and the physical location of the IMS equipment. These parameters are generally given values that are unique for each deployment, and some of the setting needs to be coordinated with other deployed Network Elements. For a specific deployment scenario, it is up to the operator (preferably in collaboration with the BU Global Services personnel especially for change operations) to select the parameter value. In general, the site specific parameters are configured during the initial installation.</p> <p data-bbox="948 1904 1445 2029">"Operator Configurable" – Operator configurable parameters can be freely configured by the operator in order to achieve the expected system behavior.</p>



Property	Description
Change effect	"Change effect" – Time when the change of the attribute takes effect.
Dependencies	Dependencies for the attribute change effect.
Properties	"Persistent" – included in an MTAS backup.

## 2.3 Administrative State

The administrative state makes it possible to control the availability of services of an MTAS node, on different levels. A function can be activated and deactivated, by configuring its `AdministrativeState` attribute. A function in the "Unlocked" state is activated, while the "Locked" state indicates that the function is deactivated.

For specific administrative state values, refer to the description of the Managed Object Classes in Section 3 Managed Object Classes. Deactivating an MO on function level does not deactivate (lock) the `MtasFunction` MO. Deactivating the `MtasFunction` MO on node level does not lock the MOs on function level, but will prevent the services from executing.

Possible values and meanings:

- Locked (0): Traffic is not accepted.
- Unlocked (1): Traffic is accepted.
- Shuttingdown (2): Active traffic sessions are undisturbed. New traffic sessions are not accepted.

## 3 Managed Object Classes

### 3.1 MtasFunction

The MtasFunction MO represents one node of the MTAS application. The MOC and its attributes can be configured via COM NBI interfaces. For details see: *MtasFunction* MOC.

### 3.2 MtasServices

The MtasServices MO serves as a structural MO for all services in an MTAS node. The MOC and its attributes can be configured via COM NBI interfaces. For details see: *MtasServices* MOC.

### 3.3 MtasMmt

The MtasMmt MO serves as a structural MO for the supplementary services in an MTAS node, as well as a main switch for the MMTel. The MOC and its attributes can be configured via COM NBI interfaces. For details see: *MtasMmt* MOC.

### 3.4 MtasDnm

Dialed Number Mapping (DNM) Service Managed Object Class (MOC)

Table 2 *MtasDnm* MO

<div><b>MtasDnm</b></div> <div>System Created</div> <div>Cardinality: 1-1</div> <div>Name: MtasDnm=0</div> <div>MOI: MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"</div>
--

#### 3.4.1 MtasDnm Attributes

This section describes the MtasDnm attributes.



### 3.4.1.1 MtasDnm

This attribute is the primary key of MtasDnm.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13000
Managed Object Class	MtasDnm
Type	Integer
Enumeration	0
Range	N/A
Unit	N/A
Possible values and Meanings	N/A
Default value	0
Access	Read-Only
Category	Internal

### 3.4.1.2 mtasDnmAdministrativeState

This attribute defines the administrative state of the Dialed Number Mapping (DNM) service. If the administrative state is locked, then any initial SIP INVITE request shall NOT trigger DNM service.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13001
Managed Object Class	MtasDnm
Type	Integer
Enumeration	0 1
Range	N/A
Unit	N/A
Possible values and Meanings	0-1 (0=Locked, 1=Unlocked)
Default value	0
Access	Read-Write
Category	Operator Configurable



Property	Description
Change effect	New session
Dependencies	If mtasDnmAdministrativeState is set to unlocked, the mtasSndAdministrativeState must not be set to unlocked.

### 3.4.1.3 **mtasDnmAnnRejectInvalidDialedNumberLength**

This attribute defines the value of the operator named announcement to be played when the Dialed Number Mapping (DNM) service rejects an attempt for dialing number with invalid digit length.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13002
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist

### 3.4.1.4 **mtasDnmAnnRejectLocalFormatNbr**

This attribute defines the value of the operator named announcement to be played when the Dialed Number Mapping (DNM) service rejects an attempt for dialing Local Format number.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13003
Managed Object Class	MtasDnm
Type	String



Property	Description
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist

#### 3.4.1.5 **mtasDnmAnnRejectShortCodeNbr**

This attribute defines the value of the operator named announcement to be played when the Dialed Number Mapping (DNM) service rejects an attempt for dialing Short Code number.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13004
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist
Note	This attribute is deprecated.

#### 3.4.1.6 **mtasDnmAnnRejectLocalFormatNbrRestriction**

This attribute defines the value of the operator named announcement to be played when the Dialed Number Mapping (DNM) service rejects an attempt for



dialing a Local Format number due to the area being restricted from making such calls.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13005
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist

#### 3.4.1.7 **mtasDnmAnnWarningLongDistance**

This attribute defines the value of the operator named announcement to be played when the Dialed Number Mapping (DNM) service plays an announcement for subscribers who dialed a 10 digit number and the call qualifies as long distance.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13006
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable



Property	Description
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist

#### 3.4.1.8 mtasDnmAnnShortCodeFailure

This attribute the name of the generic announcement,specified in an instance of MtasGaAnn, to be played when DNM service is unable to determine the R-URI corresponding to a shortcode.The empty string would mean no announcement to be played.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13007
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist.

#### 3.4.1.9 mtasDnmNationalAfterLocal

This attribute defines if 10 digit National processing is required to be followed by 7 digit local processing in DNM Service. 10 digit processing involves determining the calltype and accepting/rejecting the call

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13008
Managed Object Class	MtasDnm
Type	Integer
Enumeration	0 1 2 3





Property	Description
Range	N/A
Unit	N/A
Possible values and Meanings	0-3(0 = Disabled, 1 = Only for Mobile Devices,2 = Only for Fixed Devices,3 = Both Fixed and Mobile Devices).
Default value	0
Access	Read-Write
Category	Operator Configurable
Change effect	Not applicable
Dependencies	Not applicable

#### 3.4.1.10 **mtasDnmAnnLocalFormatDialingFailure**

This attribute defines the name of the generic announcement,specified in an instance of MtasGaAnn,to be played when DNM Service encounters a database error.The empty string would mean no announcement to be played.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13009
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist.

#### 3.4.1.11 **mtasDnmAnnTransitionArea**

This attribute defines the name of the generic announcement,specified in an instance of MtasGaAnn,to be played when DNM Service determines that the NPA is in transition area.The empty string would mean no announcement to be played.



Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13010
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	Not applicable
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist.

#### 3.4.1.12 mtasDnmFixedDeviceSupport

This attribute defines if fixed device is supported in DNM.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13011
Managed Object Class	MtasDnm
Type	Boolean
Possible values and Meanings	Allowed values are TRUE (fixed supported) or FALSE (fixed not supported).
Default value	FALSE
Access	Read-Write
Category	Solution Integration
Change effect	New session
Dependencies	N/A



### 3.4.1.13 **mtasDnmAnnRejectInvalidNPA**

This attribute defines the value of the operator named announcement to be played when the Dialed Number Mapping (DNM) service rejects an attempt for dialing Invalid NPA.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13012
Managed Object Class	MtasDnm
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist

## 3.5 **MtasDnmAccType**

This Managed Object Class (MOC) represents the Access Type based on P-Access-Network-Info (PANI) header format standardized in 3GPP TS 24.229 in Dialed Number Mapping (DNM) service.

Note that this MOC is deprecated.

*Table 3 MtasDnmAccType MO*

<b>MtasDnmAccType</b> User Created Cardinality: 0-8 Name: MtasDnmAccType="UserAssignedString" MOI: MtasDnmAccType="UserAssignedString", MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"
---



### 3.5.1 MtasDnmAccType Attributes

This section describes the MtasDnmAccType attributes.

#### 3.5.1.1 MtasDnmAccType

This attribute is the primary key of MtasDnmAccType.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13100
Managed Object Class	MtasDnmAccType
Type	String
Length	1-16
Format	String
Possible values and Meanings	String confirming to the ABNF syntax described in 3GPP TS 24.229 Release 11, Section 7.2A.4
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

### 3.6 MtasDnmAccTypeAccInfo

This Managed Object Class (MOC) represents the Access Info based on P-Access-Network-Info (PANI) header format standardized in 3GPP TS 24.229 in Dialed Number Mapping (DNM) service.

Note that this MOC is deprecated.

Table 4 *MtasDnmAccTypeAccInfo MO*

<b>MtasDnmAccTypeAccInfo</b>
User Created
Cardinality: 0-100000
Name: MtasDnmAccTypeAccInfo="UserAssignedString"
MOI: MtasDnmAccTypeAccInfo="UserAssignedString", MtasDnmAccType="UserAssignedString", MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.6.1 MtasDnmAccTypeAccInfo Attributes

This section describes the MtasDnmAccTypeAccInfo attributes.

#### 3.6.1.1 MtasDnmAccTypeAccInfo

This attribute is the primary key of MtasDnmAccTypeAccInfo.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13200
Managed Object Class	MtasDnmAccTypeAccInfo
Type	String
Length	3-256
Format	String, at minimum 3 characters and maximum 256 characters, in the following format: .{1,16}&.{1,239}
Possible values and Meanings	When MTAS searches for a particular MOC instance, it constructs the key from the received P-Access-Network-Info header by concatenating the access-type part of the PANI header, character "&", and the access-info part of the PANI header. Example: for the following header: "PANI: X;Y=Z" the constructed key value should be "X&Z".
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable



Property	Description
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

### 3.6.1.2 **mtasDnmAccTypeAccInfoNpa**

This attribute defines the list of Numbering Plan Areas (NPA) connected to the associated Access Info in the Dialed Number Mapping (DNM) service.

Property	Description
Cardinality	0-64
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13201
Managed Object Class	MtasDnmAccTypeAccInfo
Type	String
Length	0-3
Format	N/A
Possible values and Meanings	Type: List of strings, at maximum 64 entries
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

## 3.7 **MtasDnmAccTypeAccInfoSCode**

This Managed Object Class (MOC) represents the Short-code Dial Number in association with Access Info. For Embedded tel URI (SIP URI with user=phone) format, the Short-code number is the Tel part of the SIP URI.

Note that this MOC is deprecated.

Table 5 *MtasDnmAccTypeAccInfoSCode MO*

<b>MtasDnmAccTypeAccInfoSCode</b>
User Created
Cardinality: 0-1000
Name: MtasDnmAccTypeAccInfoSCode="UserAssignedString"
MOI: MtasDnmAccTypeAccInfoSCode="UserAssignedString", MtasDnmAccTypeAccInfo="UserAssignedString", MtasDnmAccType ="UserAssignedString", MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.7.1 MtasDnmAccTypeAccInfoSCode Attributes

This section describes the MtasDnmAccTypeAccInfoSCode attributes.

#### 3.7.1.1 MtasDnmAccTypeAccInfoSCode

This attribute is the primary key of MtasDnmAccTypeAccInfoSCode.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13300
Managed Object Class	MtasDnmAccTypeAccInfoSCode
Type	String
Length	5-65
Format	String, at minimum 5 characters and maximum 65 characters, in the following format: . {1,16} & [0-9a-fA-F] {1,40} & [0-9#*] {1,7}
Possible values and Meanings	The value of this primary key is a concatenation of the parent class primary key, character "&", and the short-code. The short-code part consists of digit, * or #, at minimum 1 character, at maximum 7 characters.
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session



Property	Description
Dependencies	N/A
Note	This attribute is deprecated.

### 3.7.1.2

#### **mtasDnmAccTypeAccInfoSCodeCovArea**

This attribute defines the Coverage Area name for a unique Short-code in association with its access info.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13301
Managed Object Class	MtasDnmAccTypeAccInfoSCode
Type	String
Length	1-64
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

## 3.8

### **MtasDnmCovArea**

This Managed Object Class (MOC) represents the Coverage Area name of one particular access type for one unique short-code dial number.





Table 6 MtasDnmCovArea MO

<b>MtasDnmCovArea</b>
User Created
Cardinality: 0-6400000
Name: MtasDnmCovArea="UserAssignedString"
MOI: MtasDnmCovArea="UserAssignedString", MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.8.1 MtasDnmCovArea Attributes

This section describes the MtasDnmCovArea attributes.

#### 3.8.1.1 MtasDnmCovArea

This attribute is the primary key of MtasDnmCovArea.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13400
Managed Object Class	MtasDnmCovArea
Type	String
Length	1-64
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Note	This attribute is deprecated.

#### 3.8.1.2 mtasDnmCovAreaServArea

This attribute defines the Service Area name of one unique short-code dial number in association with its Coverage Area.

Property	Description
Cardinality	1-1



Property	Description
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13401
Managed Object Class	MtasDnmCovArea
Type	String
Length	1-64
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

## 3.9 MtasDnmServiceArea

This Managed Object Class (MOC) represents the Service Area name of one unique short-code dial number.

Table 7 MtasDnmServiceArea MO

<b>MtasDnmServiceArea</b>
User Created
Cardinality: 0-800000
Name: MtasDnmServiceArea="UserAssignedString"
MOI: MtasDnmServiceArea="UserAssignedString", MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.9.1 MtasDnmServiceArea Attributes

This section describes the MtasDnmServiceArea attributes.

#### 3.9.1.1 MtasDnmServiceArea

This attribute is the primary key of MtasDnmServiceArea.



Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13500
Managed Object Class	MtasDnmServiceArea
Type	String
Length	1-64
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Note	This attribute is deprecated.

### 3.9.1.2 mtasDnmServiceAreaActualUri

This attribute defines the translated URI address (tel or SIP URI) of one unique short-code dial number within specific Service Area.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13501
Managed Object Class	MtasDnmServiceArea
Type	String
Length	1-255
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.



## 3.10 MtasDnmShortCode

This Managed Object Class (MOC) represents the Short-code Dial Number. For Embedded tel URI (SIP URI with user=phone) format, the Short-code number is the Tel part of the SIP URI.

Table 8 MtasDnmShortCode MO

<b>MtasDnmShortCode</b>
User Created
Cardinality: 0-1000
Name: MtasDnmShortCode="UserAssignedString"
MOI: MtasDnmShortCode="UserAssignedString", MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.10.1 MtasDnmShortCode Attributes

This section describes the MtasDnmShortCode attributes.

#### 3.10.1.1 MtasDnmShortCode

This attribute is the primary key of MtasDnmShortCode.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13600
Managed Object Class	MtasDnmShortCode
Type	String
Length	1-7
Format	String, at minimum 1 character and maximum 7 characters, in the following format: [0-9#*]{1,7}
Possible values and Meanings	Short-code consists of digit, * or #, at minimum 1 character, at maximum 7 characters. Short-code consists of digit, * or #, at minimum 1 character, at maximum 7 characters.
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable



Property	Description
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

### 3.10.1.2 **mtasDnmShortCodeDefaultUri**

This attribute defines the default URI address (tel or SIP URI) of one unique short-code dial number.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.13601
Managed Object Class	MtasDnmShortCode
Type	String
Length	1-255
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

## 3.11 **MtasDnmCallTypePolicy**

This Managed Object Class (MOC) represents the operator configured call allow and/or rejection policy based on the Dialed Number Length and calltype determined by the NumberAnalysis.



Table 9 MtasDnmCallTypePolicy MO

<b>MtasDnmCallTypePolicy</b>
User Created
Cardinality: 0-50
Name: MtasDnmCallTypePolicy="UserAssignedString"
MOI: MtasDnmCallTypePolicy="UserAssignedString", MtasDnm=0, MtasMmt=0, MtasServices=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.11.1 MtasDnmCallTypePolicy Attributes

This section describes the MtasDnmCallTypePolicy attributes.

#### 3.11.1.1 MtasDnmCallTypePolicy

This attribute is the primary key of MtasDnmCallTypePolicy.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.31500
Managed Object Class	MtasDnmCallTypePolicy
Type	String
Length	1-18
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable

#### 3.11.1.2 mtasDnmCallTypePolicyCallControl

This attribute defines whether to accept or reject the call.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.31501



Property	Description
Managed Object Class	MtasDnmCallTypePolicy
Type	Integer
Enumeration	0 1
Range	N/A
Unit	N/A
Possible values and Meanings	0-1 (0= Accept the call 1= Reject the call)
Default value	0
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

### 3.11.1.3 mtasDnmCallTypePolicyAnn

This attribute defines the name of the generic announcement, specified in an instance of MtasGaAnn to be played when DnmService decides that the call needs to be accepted or rejected. If this value is not specified, no announcement will be played.

Property	Description
Cardinality	0-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.31502
Managed Object Class	MtasDnmCallTypePolicy
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	An instance of MtasGaAnn with this string must exist.



## 3.12 MtasCommonData

The MtasCommonData MO serves as a structural MO for common configuration data in an MTAS node.

Table 10 MtasCommonData MO

<b>MtasCommonData</b>
System Created
Cardinality: 1-1
Name: MtasCommonData=0
MOI: MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.12.1 MtasCommonData Attributes

This section describes the MtasCommonData attributes.

#### 3.12.1.1 MtasCommonData

This attribute is the primary key of MtasCommonData.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14100
Managed Object Class	MtasCommonData
Type	Integer
Enumeration	0
Range	N/A
Unit	N/A
Possible values and Meanings	This attribute defines the primary key of MtasCommonData
Default value	0
Access	Read-Only
Category	Internal



## 3.13 MtasCommonDataAccNetwType

This Managed Object Class (MOC) represents the Access Type based on P-Access-Network-Info (PANI) header format standardized in 3GPP TS 24.229.

*Table 11 MtasCommonDataAccNetwType MO*

<b>MtasCommonDataAccNetwType</b>
User Created
Cardinality: 0-32
Name: MtasCommonDataAccNetwType="UserAssignedString"
MOI: MtasCommonDataAccNetwType="UserAssignedString", MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.13.1 MtasCommonDataAccNetwType Attributes

This section describes the MtasCommonDataAccNetwType attributes.

#### 3.13.1.1 MtasCommonDataAccNetwType

This attribute is the primary key of MtasCommonDataAccNetwType.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14200
Managed Object Class	MtasCommonDataAccNetwType
Type	String
Length	1-16
Format	String confirming to the ABNF syntax described in 3GPP TS 24.229 Release 11, Section 7.2A.4
Possible values and Meanings	Any value confirming to 3GPP TS 24.229
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A



## 3.14 MtasCommonDataAccNetwTypeAccInfo

This Managed Object Class (MOC) represents the Access Info based on P-Access-Network-Info (PANI) header format standardized in 3GPP TS 24.229. It is possible to configure 2 400 000 MtasCommonDataAccNetwTypeAccInfo MOCs for one MtasCommonDataAccNetwType.

Table 12 MtasCommonDataAccNetwTypeAccInfo MO

<b>MtasCommonDataAccNetwTypeAccInfo</b>
User Created
Cardinality: 0-100000
Name: MtasCommonDataAccNetwTypeAccInfo="UserAssignedString"
MOI: MtasCommonDataAccNetwTypeAccInfo="UserAssignedString", MtasCommonDataAccNetwType="UserAssignedString", MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.14.1 MtasCommonDataAccNetwTypeAccInfo Attributes

This section describes the MtasCommonDataAccNetwTypeAccInfo attributes.

#### 3.14.1.1 MtasCommonDataAccNetwTypeAccInfo

This attribute is the primary key of MtasCommonDataAccNetwTypeAccInfo.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14300
Managed Object Class	MtasCommonDataAccNetwTypeAccInfo
Type	String
Length	3-256
Format	String, at minimum 3 characters and maximum 256 characters, in the following format: .{1,16}&.{1,239}



Property	Description
Possible values and Meanings	When MTAS searches for a particular MOC instance, it constructs the key from the received P-Access-Network-Info header by concatenating the access-type part of the PANI header, character "&", and the access-info part of the PANI header. Example: for the following header: "PANI: X;Y=Z" the constructed key value should be "X&Z".
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

### 3.14.1.2

#### **mtasCommonDataAccNetwTypeAccInfoNpa**

This attribute defines the list of Numbering Plan Areas (NPA) connected to the associated Access Info.

Property	Description
Cardinality	0-64
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14301
Managed Object Class	MtasCommonDataAccNetwTypeAccInfo
Type	String
Length	0-3
Format	N/A
Possible values and Meanings	Type: List of strings, at maximum 64 entries
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

**3.14.1.3 mtasCommonDataAccNetwTypeAccInfoLocNum**

Location Number.

Property	Description
Cardinality	0-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14302
Managed Object Class	MtasCommonDataAccNetwTypeAccInfo
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

**3.14.1.4 mtasCommonDataAccNetwTypeAccInfoMediaSite**

This attribute stores the key of an existing MtasMrfDistributionSite MO representing an MRF site connected to the associated Access Info.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14303
Managed Object Class	MtasCommonDataAccNetwTypeAccInfo
Type	Integer
Enumeration	N/A
Range	0-65535
Unit	N/A
Possible values and Meanings	Key of an existing MtasMrfDistributionSite MO
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write



Property	Description
Category	Solution Integration
Change effect	New session
Dependencies	Stores the key of an existing MtasMrfDistributionSite MO.

### 3.14.1.5 **mtasCommonDataAccNetwTypeAccInfoMap**

This attribute defines the group to which the mobile cell belongs to. Type: List of records, at maximum 300 entries.

Property	Description
Cardinality	0-300
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14304
Managed Object Class	MtasCommonDataAccNetwTypeAccInfo
Type	String
Length	3-108
Format	String, at minimum 3 characters and maximum 108 characters, in the following format: .{1,x}&.{1,y} where x<=28 and y<=80 and x+y<=108.
Possible values and Meanings	The first string fragment, before the & character, represents the division type, which is an output from the Number Translation function for the dialed number. The second string fragment represents the name of the group this cell belong to and it is used later as a key of the MtasCommonDataGroupOfCells MOC.
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

**3.14.1.6 mtasCommonDataAccNetwTypeAccInfoApplSpecificData**

This list can be used to store application/service specific data. Each application/service will store its data using a tag followed by the "&" character then the actual data. The tag must be in capital letters. For more details see each application's/service' user guide.

Property	Description
Cardinality	0-20
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14305
Managed Object Class	MtasCommonDataAccNetwTypeAccInfo
Type	String
Length	1-32
Format	Format depends on the the tag used, see each application's/service' user guide.
Possible values and Meanings	Type: List of strings, at maximum 20 entries
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

**3.14.1.7 mtasCommonDataAccNetwTypeAccInfoRC**

This attribute defines the Rating Center to which the mobile cell belongs to

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14306
Managed Object Class	MtasCommonDataAccNetwTypeAccInfo
Type	String
Length	0-32
Format	N/A
Possible values and Meanings	N/A



Property	Description
Default value	<Empty string>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

## 3.15 MtasCommonDataAccNetwTypeAccInfoDnmSCode

This Managed Object Class (MOC) represents the Short-code Dial Number in association with Access Info. For Embedded tel URI (SIP URI with user=phone) format, the Short-code number is the Tel part of the SIP URI.

*Table 13 MtasCommonDataAccNetwTypeAccInfoDnmSCode MO*

<b>MtasCommonDataAccNetwTypeAccInfoDnmSCode</b> User Created Cardinality: 0-1000 Name: MtasCommonDataAccNetwTypeAccInfoDnmSCode="UserAssignedString" MOI: MtasCommonDataAccNetwTypeAccInfoDnmSCode="UserAssignedString", MtasCommonDataAccNetwTypeAccInfo="UserAssignedString", MtasCommonDataAccNetwType="UserAssignedString", MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"
---

### 3.15.1 MtasCommonDataAccNetwTypeAccInfoDnmSCode Attributes

This section describes the MtasCommonDataAccNetwTypeAccInfoDnmSCode attributes.

#### 3.15.1.1 MtasCommonDataAccNetwTypeAccInfoDnmSCode

This attribute is the primary key of MtasCommonDataAccNetwTypeAccInfoDnmSCode.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14400
Managed Object Class	MtasCommonDataAccNetwTypeAccInfoDnmSCode



Property	Description
Type	String
Length	5-65
Format	String, at minimum 5 characters and maximum 65 characters, in the following format: . {1,16}&[0-9a-fA-F]{1,40}&[0-9#*]{1,7}
Possible values and Meanings	The value of this primary key is a concatenation of the parent class primary key, character "&", and the short-code. The short-code part consists of digit, * or #, at minimum 1 character, at maximum 7 characters.
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

### 3.15.1.2

#### **mtasCommonDataAccNetwTypeAccInfoDnmSCodeCovArea**

This attribute defines the Coverage Area name for a unique Short-code in association with its access info.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.14401
Managed Object Class	MtasCommonDataAccNetwTypeAccInfoDnmSCode
Type	String
Length	1-64
Format	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable





Property	Description
Change effect	New session
Dependencies	N/A
Note	This attribute is deprecated.

## 3.16 MtasCommonDataLocationDb

The MtasCommonDataLocationDb MO serves as a structural MO for location configuration data in an MTAS or GLS node.

Table 14 MtasCommonDataLocationDb MO

<b>MtasCommonDataLocationDb</b>
System Created
Cardinality: 1-1
Name: MtasCommonDataLocationDb=0
MOI: MtasCommonDataLocationDb=0, MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.16.1 MtasCommonDataLocationDb Attributes

This section describes the MtasCommonDataLocationDb attributes.

#### 3.16.1.1 MtasCommonDataLocationDb

This attribute is the primary key of MtasCommonDataLocationDb.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26200
Managed Object Class	MtasCommonDataLocationDb
Type	Integer
Enumeration	0
Range	N/A
Unit	N/A
Possible values and Meanings	This attribute defines the primary key of MtasCommonDataLocationDb
Default value	0



Property	Description
Access	Read-Only
Category	Internal

### 3.16.1.2 **mtasCommonDataNpaLocalFormatRestriction**

This attribute defines if restriction for local format (7 digits) dialing exists or not. If `mtasCommonDataNpaLocalFormatRestriction=0` (disabled) means that there are no restrictions in place and local format (7 digit\_ dialing is allowed from all areas. If `mtasCommonDataNpaLocalFormatRestriction=1` (enabled) means that local format allowed if it is coming from an area whose NPA is defined in the `mtasCommonDataNpaAllowedLocalFormat` attribute.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26201
Managed Object Class	MtasCommonDataLocationDb
Type	Integer
Enumeration	0 1
Range	N/A
Unit	N/A
Possible values and Meanings	0-1 (0=Disabled, 1=Enabled)
Default value	0
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

### 3.16.1.3 **mtasCommonDataNpaAllowedLocalFormat**

This attribute defines the list of NPA-s which are allowed to use the local format (7 digits) for making a new call.

Property	Description
Cardinality	0-1024
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26202
Managed Object Class	MtasCommonDataLocationDb
Type	String



Property	Description
Length	3-10
Format	N/A
Possible values and Meanings	3-10 digits, no visual separators
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

#### 3.16.1.4 **mtasCommonDataNpaTransitionList**

This attribute defines the list of NPAs which are in the transition area from 7 to 10 digit dialing for making a new call.

Property	Description
Cardinality	0-1024
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26203
Managed Object Class	MtasCommonDataLocationDb
Type	String
Length	3-3
Format	N/A
Possible values and Meanings	Not applicable
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

### 3.17 **MtasCommonDataGroupOfCells**

The MOC contains data at the geographical group level.

Table 15 *MtasCommonDataGroupOfCells MO*

<b>MtasCommonDataGroupOfCells</b>
User Created
Cardinality: 0-10000
Name: MtasCommonDataGroupOfCells="UserAssignedString"
MOI: MtasCommonDataGroupOfCells="UserAssignedString", MtasCommonDataLocationDb=0, MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.17.1 MtasCommonDataGroupOfCells Attributes

This section describes the MtasCommonDataGroupOfCells attributes.

#### 3.17.1.1 MtasCommonDataGroupOfCells

This attribute is the primary key of MtasCommonDataGroupOfCells.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26300
Managed Object Class	MtasCommonDataGroupOfCells
Type	String
Length	1-80
Format	Alphanumeric or dash, star characters, except the & character.
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

#### 3.17.1.2 mtasCommonDataGroupOfCellsDigits

This attribute defines the digit sequence of MtasCommonDataGroupOfCells. This digit sequence is inserted somewhere into the dialed string. The exact place where the insertion is done will be defined in the Number Translation



function in CM attribute `mtasNumberTranslationRule`. One example is that it is added as a prefix in front of the dialed number and helps in the routing of the call.

Property	Description
Cardinality	0-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26301
Managed Object Class	<code>MtasCommonDataGroupOfCells</code>
Type	String
Length	4-20
Format	Numeric characters.
Possible values and Meanings	The digits contained can represent data from the operator's existing dialing plan (ex. MSC number, route origin), but no special separator character is required.
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

### 3.17.1.3 **`mtasCommonDataGroupOfCellsNpa`**

This attribute defines the NPA of `MtasCommonDataGroupOfCells`. This NPA represents the Number Plan Area for a group of cells which can in turn represent a wireless local calling area.

Property	Description
Cardinality	0-5000
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26302
Managed Object Class	<code>MtasCommonDataGroupOfCells</code>
Type	String
Length	3-10
Format	Numeric characters.
Possible values and Meanings	3-10 digits, no visual separators.
Default value	<No default value, a value shall be set when creating attribute or MO>



Property	Description
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

## 3.18 MtasCommonDataGroupOfCellsAndCode

The MOC represents a group of cells for a special dialed string.

Table 16 MtasCommonDataGroupOfCellsAndCode MO

<b>MtasCommonDataGroupOfCellsAndCode</b>
User Created
Cardinality: 0-10000
Name: MtasCommonDataGroupOfCellsAndCode="UserAssignedString"
MOI: MtasCommonDataGroupOfCellsAndCode="UserAssignedString", MtasCommonDataGroupOfCells="UserAssignedString", MtasCommonDataLocationDb=0, MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.18.1 MtasCommonDataGroupOfCellsAndCode Attributes

This section describes the MtasCommonDataGroupOfCellsAndCode attributes.

#### 3.18.1.1 MtasCommonDataGroupOfCellsAndCode

This attribute is the primary key of MtasCommonDataGroupOfCellsAndCode.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26400
Managed Object Class	MtasCommonDataGroupOfCellsAndCode
Type	String
Length	3-105
Format	Alphanumeric characters in the following format: . {1-80}&[*#]?[0-9]{1-23}



Property	Description
Possible values and Meanings	The value of this primary key attribute is a concatenation of the parent class primary key, character "&" and the dialed short code or service code which can start with the character "*" or "#" followed by digits or it can be digits only.
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

### 3.18.1.2

#### **mtasCommonDataGroupOfCellsAndCodeMap**

This attribute defines the mapping between destinations for different language preferences. All the possible destination inside in this map are valid for the group of cells identifier in the primary key and the dialed digits (short code or service code) also in the primary key which matched this managed object.

Property	Description
Cardinality	1-20
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.26401
Managed Object Class	MtasCommonDataGroupOfCellsAndCode
Type	String
Length	3-127
Format	String, at minimum 3 characters and maximum 127 characters, in the following format: .{1,x}&.{1,y} where x+y<=127.
Possible values and Meanings	The first string fragment, before the & character, contains a string coming from the <language-tag> XML data of CAI3G common-data schema stored for each subscriber. The second string fragment, after the & character is a string formatted as a TEL or SIP URI (see chapter 25 of RFC3261).



Property	Description
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

## 3.19 MtasCommonDataAllowedAccessNetworkTypes

The MtasCommonDataAllowedAccessNetworkTypes contains the allowed Access Network Types in P-Access-Network-Info (PANI) header

Table 17 MtasCommonDataAllowedAccessNetworkTypes MO

<b>MtasCommonDataAllowedAccessNetworkTypes</b>
System Created
Cardinality: 1-1
Name: MtasCommonDataAllowedAccessNetworkTypes=0
MOI: MtasCommonDataAllowedAccessNetworkTypes=0, MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.19.1 MtasCommonDataAllowedAccessNetworkTypes Attributes

This section describes the MtasCommonDataAllowedAccessNetworkTypes attributes.

#### 3.19.1.1 MtasCommonDataAllowedAccessNetworkTypes

This attribute is the primary key of MtasCommonDataAllowedAccessNetworkTypes.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.39800
Managed Object Class	MtasCommonDataAllowedAccessNetworkTypes
Type	Integer
Enumeration	0





Property	Description
Range	N/A
Unit	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Only
Category	Internal

### 3.19.1.2 **mtasCommonDataAllowedAccessNetworkTypesName**

This attribute defines the list of allowed Access Types.

Property	Description
Cardinality	0-255
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.39801
Managed Object Class	MtasCommonDataAllowedAccessNetworkTypes
Type	String
Length	1-255
Format	N/A
Possible values and Meanings	Type: List of strings, at maximum 255 entries
Default value	3GPP-GERAN 3GPP-UTRAN-FDD 3GPP-UTRAN-TDD 3GPP-E-UTRAN-FDD 3GPP-E-UTRAN-TDD 3GPP2-1X 3GPP2-1X-Femto 3GPP2-1X-HRPD 3GPP-UTRAN 3GPP-E-UTRAN
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

## 3.20 **MtasCommonDataAllowedAccessInfoTypes**

The MtasCommonDataAllowedAccessInfoTypes contains allowed Access Info Types in P-Access-Network-Info (PANI) header

Table 18 *MtasCommonDataAllowedAccessInfoTypes MO*

<b>MtasCommonDataAllowedAccessInfoTypes</b>
System Created
Cardinality: 1-1
Name: MtasCommonDataAllowedAccessInfoTypes=0
MOI: MtasCommonDataAllowedAccessInfoTypes=0, MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"

### 3.20.1 MtasCommonDataAllowedAccessInfoTypes Attributes

This section describes the MtasCommonDataAllowedAccessInfoTypes attributes.

#### 3.20.1.1 MtasCommonDataAllowedAccessInfoTypes

This attribute is the primary key of MtasCommonDataAllowedAccessInfoTypes.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.39900
Managed Object Class	MtasCommonDataAllowedAccessInfoTypes
Type	Integer
Enumeration	0
Range	N/A
Unit	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Only
Category	Internal

#### 3.20.1.2 mtasCommonDataAllowedAccessInfoTypesName

This attribute defines the ordered list of the allowed Access Info Types in a format of Order:AccessInfoType, where - Order is an unsigned integer and it defines which Access Info Type parameter instance is to be taken if a PANI header contains more than one allowed Access Info Type parameters. The lowest number has the highest priority in matching. - AccessInfoType is the



name of the Access Info Type parameter. Examples: 1:utran-cell-id-3gpp, 2:i-wlan-node-id.

Property	Description
Cardinality	0-255
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.39901
Managed Object Class	MtasCommonDataAllowedAccessInfoTypes
Type	String
Length	2-255
Format	List of strings in the following format: ([0-9]+:.*)
Possible values and Meanings	Type: List of strings, at maximum 255 entries
Default value	10:cgi-3gpp 20:utran-cell-id-3gpp 30:ci-3gpp2 40:ci-3gpp2-femto
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A

## 3.21 MtasCommonDataPaniTranslationProfiles

The MtasCommonDataPaniTranslationProfiles MO serves as a structural MO for PANI Translation Profiles

*Table 19 MtasCommonDataPaniTranslationProfiles MO*

<b>MtasCommonDataPaniTranslationProfiles</b> User Created Cardinality: 1-16 Name: MtasCommonDataPaniTranslationProfiles="UserAssignedInteger" MOI: MtasCommonDataPaniTranslationProfiles="UserAssignedInteger", MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"
---

### 3.21.1 MtasCommonDataPaniTranslationProfiles Attributes

This section describes the MtasCommonDataPaniTranslationProfiles attributes.



### 3.21.1.1

#### MtasCommonDataPaniTranslationProfiles

This attribute is the primary key of MtasCommonDataPaniTranslationProfiles.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.40000
Managed Object Class	MtasCommonDataPaniTranslationProfiles
Type	Integer
Enumeration	N/A
Range	0-15
Unit	N/A
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Internal

## 3.22

### MtasCommonDataPaniTranslationProfile

The MtasCommonDataPaniTranslationProfile MO represents a regexp mapping from Access Info Value to the instance of MtasCommonDataAccNetwTypeAcclInfo. Using this MO it is possible to reduce the number of the logical MtasCommonDataAccNetwTypeAcclInfo instances by enabling mapping several Access Info Values to the same MtasCommonDataAccNetwTypeAcclInfo instance.

Table 20 MtasCommonDataPaniTranslationProfile MO

<b>MtasCommonDataPaniTranslationProfile</b>
User Created
Cardinality: 0-256
Name: MtasCommonDataPaniTranslationProfile="UserAssignedString"
MOI: MtasCommonDataPaniTranslationProfile="UserAssignedString", MtasCommonDataPaniTranslationProfiles=0, MtasCommonData=0, applicationName=MtasFunction, nodeName="NodeName"



### 3.22.1 MtasCommonDataPaniTranslationProfile Attributes

This section describes the MtasCommonDataPaniTranslationProfile attributes.

#### 3.22.1.1 MtasCommonDataPaniTranslationProfile

This attribute is the primary key of MtasCommonDataPaniTranslationProfile.

Property	Description
Cardinality	1-1
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.40100
Managed Object Class	MtasCommonDataPaniTranslationProfile
Type	String
Length	3-255
Format	String, at minimum 3 characters and maximum 255 characters, in the following format: .{1,127}&.{1,127}
Possible values and Meanings	N/A
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	The access-network-type part of this attribute must be the one from the mtasCommonDataAllowedAccessNetworkTypesName list of MtasCommonDataAllowedAccessNetworkTypes. The access-info-type part of this attribute must be the one from the mtasCommonDataAllowedAccessInfoTypesName list of MtasCommonDataAllowedAccessInfoTypes.

#### 3.22.1.2 mtasCommonDataPaniTranslationProfileRule

This attribute stores P-Access-Network-Info translation rules. The translation rule has following format: Order:Substitution-rule, where - Order is an unsigned integer and it defines which substitution rule is being matched first. The lowest number has the highest priority in matching. - Substitution-rule is a POSIX 1003.2 extended regular substitution of format /regexp/replacement/. The regexp commands are performed on the actual



Access Info Value in the configured order. The first matching result is taken for the MtasCommonDataAccNetwTypeAccInfo key generation. If the lookup with the actual key fails in the MtasCommonDataAccNetwTypeAccInfo table then the next key will be generated from the next matching rule.

Property	Description
Cardinality	0-100
LDAP Object ID	1.3.6.1.4.1.193.238.0.2.40101
Managed Object Class	MtasCommonDataPaniTranslationProfile
Type	String
Length	5-255
Format	List of strings in the following format: ([0-9]+:V.*V.*V)
Possible values and Meanings	Any PANI translation rule
Default value	<No default value, a value shall be set when creating attribute or MO>
Access	Read-Write
Category	Operator Configurable
Change effect	New session
Dependencies	N/A