

BCE Provisioning over CAI3G

Ericsson Dynamic Activation 1

SYSTEM INTERFACE

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1 Introduction

This section contains information about the prerequisites, purpose, scope, and target group for the document. This section also contains information about typographic conventions used in this document.

1.1 Purpose and Scope

This document describes the supported Customers Service Orders (CSOs) in the CAI3G interface which is used for provisioning of Business Communication Enabler (BCE).

Note: This document is not a tutorial of CAI3G, it must be used together with document *Generic CAI3G Interface 1.2*, Reference [2].

1.2 Target Groups

The target group for this document is as follows:

- System Integrator

For more information about the different target groups, see *Library Overview*, Reference [1].

1.3 Typographic Conventions

Typographic conventions are described in the document *Library Overview*, Reference [1].

1.4 Prerequisites

This document is written with the assumption that the users:

- Have basic knowledge about the Ericsson Dynamic Activation (EDA) product.
- Have knowledge about *Generic CAI3G Interface 1.2*, Reference [2].

1.5 Web Service Interface

The Web Services Definition Language (WSDL) and XML Schema Definition Language (XSD) files that describe the provisioning interface can be found in



/home/dveinstaller/da/. It is also possible to download the files and view or store them in an appropriate area by following below instruction:

1. Save the zip file, [Multi_Activation_WSDL_and_XSD_files.zip](#), to a local folder.
2. Unpack the zip file.

1.6 MOType

MOType is a plain text string based on the type `xs:string`. An MOType consists of two parts. One is the namespace of the MO, and the other is the MO name string that is always starting with an alphabetical character in either upper or lower case, followed by zero or more alphabetical characters, digits or underscores.

Those two parts are connected with symbol @. The syntax of the MOType string is `MO_Name@MO_Namespace`. The name string of an MOType must follow the regular expression: `[A-Za-z][A-Za-z0-9]*`

The MO name together with the MO namespace must be globally unique.

1.7 MOId

MOId is an XML fragment containing the MOId parameter-value pairs that are used to identify an MO instance in the interface data model. CAI3G 1.2 standard supports compound MO identifiers or multiple MO identifier. The following is an example of an MOId:

```
<MOId>
  <msisdn>46455395000</msisdn>
  <imsi>46234563545000</imsi>
</MOId>
```

Example 1 Example of MOId

The MOId is defined as a sequence of `xs:any` element in CAI3G schema file. It is the developers responsibility to define the real schema for this parameter.

The MOId is also the key attributes that must be defined in the top-level element, `CreateMODefinition` or `SetMODefinition`, within `MOAttributes` parameter.

Each implementation of CAI3G interface is to define own logic relationship of MOId. It is also the CAI3GAgents responsibility to interpret this parameter correctly by either the hard-coded logic or the dynamic parsing of the schema.



2 Company

2.1 Creating a Company

This section describes how to create a Company.

MOType

Company@http://schemas.ericsson.com/ma/bce/

2.1.1 Request Data

MOId

Table 1 MOID Parameters of Creating a Company

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1

MOAttributes

Table 2 MOAttributes of Creating a Company

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1



Parameter	Type	Occurrence	Example
name	The name of the Company String minLength value="1" maxLength value="100"	Mandatory	eda
description	The description of the Company String maxLength value="255"	Optional	EDA_Test
address	The address of the Company	Optional	
StreetAddress	The street address of the Company String minLength value="1" maxLength value="255"	Optional	West Tianshan Road
ZipCode	The zip code of the Company String minLength value="1" maxLength value="10"	Optional	200335
City	The city of the Company String minLength value="1" maxLength value="255"	Optional	Shanghai
Region	The region of the Company String minLength value="1" maxLength value="255"	Optional	RNEA
Country	The country of the Company String minLength value="1" maxLength value="255"	Optional	CHN
domain	The domain of the Company String minLength value="1" maxLength value="100"	Optional	Data



Parameter	Type	Occurrence	Example
searchCountLimit	The limit times of searching the Company int minOccurs="0"	Optional	3
companySetting	sub-MO		
name	The name of the sub-MO companySetting String minLength value="1" maxLength value="20"	Optional	Ericsson
value	The value of the sub-MO companySetting String minOccurs="0"	Optional	EDA
DirectoryName	sub-MO		
name	The name of the sub-MO DirectoryName String minLength value="1" maxLength value="100"	Optional	name
default	Indicates whether the sub-MO DirectoryName is default or not. Boolean minOccurs="0"	Optional	true
minpartialmatch	int minOccurs="0"	Optional	1
connectionProfileId	String minLength value="1" maxLength value="100"	Optional	1
companyAnnouncements	sub-MO		
name	The name of the sub-MO companyAnnouncements String minOccurs="0"	Optional	CDG_WELCOME
fileId	The file ID of the sub-MO companyAnnouncements long minOccurs="0"	Optional	1281



2.1.2 Example

An example for creating a Company is as follows:

```
Request:
<cai3:Create>
  <cai3:MOType>
    Company@http://schemas.ericsson.com/ma/bce/
  </cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:createCompany serviceProviderId="${Properties#ProviderId}"
      companyId="${Properties#CompanyId_2}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
      <bce:name>BIG_company</bce:name>
      <bce:description>EMA_Test</bce:description>
      <bce:address>
        <bce:StreetAddress>West Tianshan Road</bce:StreetAddress>
        <bce:ZipCode>200335</bce:ZipCode>
        <bce:City>Shanghai</bce:City>
        <bce:Region>RNEA</bce:Region>
        <bce:Country>CHN</bce:Country>
      </bce:address>
      <bce:domain>Data</bce:domain>
      <bce:searchCountLimit>3</bce:searchCountLimit>
      <!--Zero or more repetitions:-->
      <bce:companySetting name="Ericsson">
        <bce:name>Ericsson</bce:name>
        <bce:value>EMA</bce:value>
      </bce:companySetting>
      <!--Zero or more repetitions:-->
      <bce:directory name="DirectoryName">
        <bce:name>DirectoryName</bce:name>
        <bce:default>true</bce:default>
        <bce:minpartialmatch>1</bce:minpartialmatch>
        <bce:connectionProfileId>1</bce:connectionProfileId>
      </bce:directory>
      <!--Zero or more repetitions:-->
      <bce:companyAnnouncements name="CDG_WELCOME">
        <bce:name>CDG_WELCOME</bce:name>
        <bce:fileId>1281</bce:fileId>
      </bce:companyAnnouncements>
      <!--Zero or more repetitions:-->
    </bce:createCompany>
  </cai3:MOAttributes>
</cai3:Create>
```

Example 2 Creating a Company

2.2 Deleting a Company

This section describes how to delete a Company.

MOType

Company@http://schemas.ericsson.com/ma/bce/

2.2.1 Request Data

MOId



Table 3 *MOID Parameters of Deleting a Company*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1

2.2.2

Example

An example for deleting a Company is as follows:

```
Request:
<cai3:Delete>
  <cai3:MOType>Company@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
  </cai3:MOId>
</cai3:Delete>
```

Example 3 *Deleting a Company*

2.3

Setting a Company

This section describes how to set a Company.

MOType

Company@http://schemas.ericsson.com/ma/bce/

2.3.1

Request Data

MOId

**Table 4** *MOID Parameters of Setting a Company*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1

MOAttributes**Table 5** *MOAttributes of Setting a Company*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
name	The name of the Company String minLength value="1" maxLength value="100"	Mandatory	eda
description	The description of the Company String maxLength value="255"	Optional	EDA_Test
address	The address of the Company	Optional	
StreetAddress	The street address of the Company String minLength value="1" maxLength value="255"	Optional	West Tianshan Road



Parameter	Type	Occurrence	Example
ZipCode	The zip code of the Company String minLength value="1" maxLength value="10"	Optional	200335
City	The city of the Company String minLength value="1" maxLength value="255"	Optional	Shanghai
Region	The region of the Company String minLength value="1" maxLength value="255"	Optional	RNEA
Country	The country of the Company String minLength value="1" maxLength value="255"	Optional	CHN
domain	The domain of the Company String minLength value="1" maxLength value="100"	Optional	Data
searchCountLimit	The limit times of searching the Company int minOccurs="0"	Optional	3
companySetting	sub-MO		
name	The name of the sub-MO companySetting String minLength value="1" maxLength value="20"	Optional	Ericsson
value	The value of the sub-MO companySetting String minOccurs="0"	Optional	EDA
DirectoryName	sub-MO		



Parameter	Type	Occurrence	Example
name	The name of the sub-MO DirectoryName String minLength value="1" maxLength value="100"	Optional	name
default	Indicates whether the sub-MO DirectoryName is default or not. Boolean minOccurs="0"	Optional	true
minpartialmatch	int minOccurs="0"	Optional	1
connectionProfileId	String minLength value="1" maxLength value="100"	Optional	1
companyAnnouncements	sub-MO		
name	The name of the sub-MO companyAnnouncements String minOccurs="0"	Optional	CDG_WELCOME
fileId	The file ID of the sub-MO companyAnnouncements long minOccurs="0"	Optional	1281
activeCallBarringProfileIds	sub-MO		
id	The ID of the sub-MO activeCallBarringProfileIds String minLength value="1" maxLength value="20"	Optional	8881

2.3.2

Example

An example for setting a Company is as follows:



```

Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Set>
      <cai3:MOType>Company@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:setCompany serviceProviderId="${Properties#ProviderId}"
          companyId="${Properties#CompanyId_1}">
          <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
          <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
          <bce:name>${Properties#CompanyId_1}_update</bce:name>
          <bce:description>ema_1_update</bce:description>
          <bce:address>
            <bce:StreetAddress>tianshanroad_new</bce:StreetAddress>
            <bce:ZipCode>200335</bce:ZipCode>
            <bce:City>shanghai</bce:City>
            <bce:Region>rnea</bce:Region>
            <bce:Country>china</bce:Country>
          </bce:address>
          <bce:domain>data</bce:domain>
          <bce:searchCountLimit>3</bce:searchCountLimit>
          <!--Zero or more repetitions:-->
          <bce:companySetting name="CDG_AGENT_BUSY_TIMEOUT">
            <bce:name>CDG_AGENT_BUSY_TIMEOUT</bce:name>
            <bce:value>50</bce:value>
          </bce:companySetting>
          <!--Zero or more repetitions:-->
          <bce:directory name="emalldirectory">
            <bce:name>emalldirectory</bce:name>
            <bce:default>true</bce:default>
            <bce:minpartialmatch>0</bce:minpartialmatch>
            <bce:connectionProfileId>default</bce:connectionProfileId>
          </bce:directory>
          <!--Zero or more repetitions:-->
          <bce:companyAnnouncements name="CDG_WELCOME">
            <bce:name>CDG_WELCOME</bce:name>
            <bce:fileId>1</bce:fileId>
          </bce:companyAnnouncements>
          <!--Zero or more repetitions:-->
          <bce:activeCallBarringProfileIds id="ema111">
            <bce:id>ema111</bce:id>
          </bce:activeCallBarringProfileIds>
        </bce:setCompany>
      </cai3:MOAttributes>
    </cai3:Set>
  </soapenv:Body>
</soapenv:Envelope>

```

Example 4 Setting a Company

2.4 Getting a Company

This section describes how to get a Company.

MOType

Company@http://schemas.ericsson.com/ma/bce/



2.4.1

Request Data

MOId

Table 6 MOID Parameters of Getting a Company

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1

MOAttributes

Table 7 MOAttributes of Getting a Company

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
name	The name of the Company String minLength value="1" maxLength value="100"	Mandatory	eda
description	The description of the Company String maxLength value="255"	Optional	EDA_Test
address	The address of the Company	Optional	
StreetAddress	The street address of the Company String minLength value="1" maxLength value="255"	Optional	West Tianshan Road



Parameter	Type	Occurrence	Example
ZipCode	The zip code of the Company String minLength value="1" maxLength value="10"	Optional	200335
City	The city of the Company String minLength value="1" maxLength value="255"	Optional	Shanghai
Region	The region of the Company String minLength value="1" maxLength value="255"	Optional	RNEA
Country	The country of the Company String minLength value="1" maxLength value="255"	Optional	CHN
domain	The domain of the Company String minLength value="1" maxLength value="100"	Optional	Data
searchCountLimit	The limit times of searching the Company int minOccurs="0"	Optional	3
directory	sub-MO	Optional	
name	The name of the sub-MO DirectoryName String minLength value="1" maxLength value="100"	Optional	name
default	Indicates whether the sub-MO directory is default or not. Boolean minOccurs="0"	Optional	true
minpartialmatch	int minOccurs="0"	Optional	1



Parameter	Type	Occurrence	Example
connectionProfileId	String minLength value="1" maxLength value="100"	Optional	1
activeCallBarringProfileIds	sub-MO	Optional	
id	The ID of the sub-MO activeCallBarringProfileIds String minLength value="1" maxLength value="20"	Optional	8881
companySetting	sub-MO		
name	The name of the sub-MO companySetting String minLength value="1" maxLength value="20"	Optional	Ericsson
value	The value of the sub-MO companySetting String minOccurs="0"	Optional	EDA
cdgIds	The ID of a CDG service for one specific Company String minOccurs="0"	Optional	cdg1_ema2
autoAttendantIds	The ID of an auto attendant service for one specific Company String minOccurs="0"	Optional	autoattend1_ema2
audioConferencIds	The ID of an audio conference service for one specific Company String minOccurs="0"	Optional	audioconf2_ema2
companyAdminIds	Admin User ID for one specific Company String minOccurs="0"	Optional	eda
definedCallBarringProfileIds	The ID of a barring profile defined for one specific Company String minOccurs="0"	Optional	8882



2.4.2

Example

An example for getting a Company is as follows:

Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Get>
      <cai3:MOType>Company@http://schemas.ericsson.com/ma/bce/
    </cai3:MOType>
    <cai3:MOId>
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    </cai3:MOId>
    </cai3:Get>
  </soapenv:Body>
</soapenv:Envelope>
```

Response:

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3g="http://schemas.ericsson.com/cai3gl.2/">
  <S:Header>
    <cai3g:SessionId>57ed411553ac471c901f9e47f7208ad4</cai3g:SessionId>
  </S:Header>
  <S:Body>
    <GetResponse xmlns="http://schemas.ericsson.com/cai3gl.2/">
      <MOAttributes>
        <bce:getCompanyResponse companyId="ema_2" serviceProviderId="sp-tcv"
          xmlns:bce="http://schemas.ericsson.com/ma/bce/">
          <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
          <bce:companyId>ema_2</bce:companyId>
          <bce:name>ema_2</bce:name>
          <bce:description>EMA_Test</bce:description>
          <bce:address>
            <bce:StreetAddress>West Tianshan Road</bce:StreetAddress>
            <bce:ZipCode>200335</bce:ZipCode>
            <bce:City>Shanghai</bce:City>
            <bce:Region>RNEA</bce:Region>
            <bce:Country>CHN</bce:Country>
          </bce:address>
          <bce:domain>Data</bce:domain>
          <bce:searchCountLimit>3</bce:searchCountLimit>
          <bce:directory name="DirectoryName">
            <bce:name>DirectoryName</bce:name>
            <bce:default>true</bce:default>
            <bce:minpartialmatch>1</bce:minpartialmatch>
            <bce:connectionProfileId>default</bce:connectionProfileId>
          </bce:directory>
          <bce:activeCallBarringProfileIds id="11112">
            <bce:id>11112</bce:id>
          </bce:activeCallBarringProfileIds>
          <bce:activeCallBarringProfileIds id="11113">
            <bce:id>11113</bce:id>
          </bce:activeCallBarringProfileIds>
          <bce:activeCallBarringProfileIds id="11111">
            <bce:id>11111</bce:id>
          </bce:activeCallBarringProfileIds>
          <bce:companySetting name="AA_TIMEOUT">
            <bce:name>AA_TIMEOUT</bce:name>
            <bce:value>60</bce:value>
          </bce:companySetting>
          <bce:companySetting name="CDG_AGENT_BUSY_TIMEOUT">
            <bce:name>CDG_AGENT_BUSY_TIMEOUT</bce:name>
            <bce:value>20</bce:value>
          </bce:companySetting>
          <bce:companySetting name="CDG_AGENT_UNAVAILABLE_TIMEOUT">
            <bce:name>CDG_AGENT_UNAVAILABLE_TIMEOUT</bce:name>
            <bce:value>20</bce:value>
          </bce:companySetting>
          <bce:companySetting>

```



```
name="COH_SMS_REMINDER_TIME_BEFORE_START">
  <bce:name>COH_SMS_REMINDER_TIME_BEFORE_START
</bce:name>
  <bce:value>900</bce:value>
</bce:companySetting>
<bce:companySetting name="COH_SMS_REMINDER_ENABLED">
  <bce:name>COH_SMS_REMINDER_ENABLED</bce:name>
  <bce:value>true</bce:value>
</bce:companySetting>
<bce:companySetting name="CDG_AGENT_TIMED_OUT_TIMEOUT">
  <bce:name>CDG_AGENT_TIMED_OUT_TIMEOUT</bce:name>
  <bce:value>20</bce:value>
</bce:companySetting>
<bce:companySetting
  name="RESTRICTED_SHORT_NUMBERS_PATTERN">
  <bce:name>RESTRICTED_SHORT_NUMBERS_PATTERN</bce:name>
  <bce:value/>
</bce:companySetting>
<bce:companySetting name="CDG_NO_ANSWER_TIMEOUT">
  <bce:name>CDG_NO_ANSWER_TIMEOUT</bce:name>
  <bce:value>10</bce:value>
</bce:companySetting>
<bce:companySetting name="PNP_ATTACH_CODE_LENGTH">
  <bce:name>PNP_ATTACH_CODE_LENGTH</bce:name>
  <bce:value>3</bce:value>
</bce:companySetting>
<bce:companySetting name="CDG_AGENT_CANCEL_TIMEOUT">
  <bce:name>CDG_AGENT_CANCEL_TIMEOUT</bce:name>
  <bce:value>0</bce:value>
</bce:companySetting>
<bce:companySetting
  name="CDG_INTERMITTENT_QUEUE_MESSAGE_INTERVAL">
  <bce:name>CDG_INTERMITTENT_QUEUE_MESSAGE_INTERVAL
</bce:name>
  <bce:value>20</bce:value>
</bce:companySetting>
<bce:companySetting name="COH_MIN_PIN_CODE_LENGTH">
  <bce:name>COH_MIN_PIN_CODE_LENGTH</bce:name>
  <bce:value>8</bce:value>
</bce:companySetting>
<bce:cdgIds>cdg3_ema2</bce:cdgIds>
<bce:cdgIds>cdg1_ema2</bce:cdgIds>
<bce:cdgIds>cdg2_ema2</bce:cdgIds>
<bce:autoAttendantIds>autoattend1_ema2</bce:autoAttendantIds>
<bce:autoAttendantIds>autoattend2_ema2</bce:autoAttendantIds>
<bce:autoAttendantIds>autoattend3_ema2</bce:autoAttendantIds>
<bce:audioConferencIds>audioconf2_ema2</bce:audioConferencIds>
<bce:audioConferencIds>audioconf1_ema2</bce:audioConferencIds>
<bce:audioConferencIds>audioconf3_ema2</bce:audioConferencIds>
</bce:getCompanyResponse>
</MOAttributes>
</GetResponse>
</S:Body>
</S:Envelope>
```

Example 5 Getting a Company

3 OrganizationUnit

3.1 Creating an OrganizationUnit

This section describes how to create an OrganizationUnit.

MOType

OrganizationUnit@http://schemas.ericsson.com/ma/bce/

3.1.1 Request Data

MOId

Table 8 MOID Parameters of Creating an OrganizationUnit

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site

MOAttributes

Table 9 MOAttributes of Creating an OrganizationUnit

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site
name	The name of the organizationUnit String minLength value="1" maxLength value="100"	Mandatory	eda-company1-site2
description	The description of the organizationUnit String maxLength value="255"	Optional	eda-or_ description
address	The address of the organizationUnit	Optional	
StreetAddress	The street address of the organizationUnit String minLength value="1" maxLength value="255"	Optional	West Tianshan Road
ZipCode	The zip code of the organizationUnit String minLength value="1" maxLength value="10"	Optional	200335
City	The city of the organizationUnit String minLength value="1" maxLength value="255"	Optional	Shanghai
Region	The region of the organizationUnit String minLength value="1" maxLength value="255"	Optional	RNEA



Parameter	Type	Occurrence	Example
Country	The country of the organizationUnit String minLength value="1" maxLength value="255"	Optional	CHN
type	The type of the organizationUnit String minLength value="1" maxLength value="40"	Optional	site
attachCode	The attachCode of the organizationUnit String	Optional	123
callBarringProfileIds	Group IDs for call barring	Optional	
ids	The ID of callBarringProfile	Optional	222

3.1.2

Example

An example for creating an OrganizationUnit is as follows:



```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Create>
      <cai3:MOType>OrganizationUnit@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
        <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
        </bce:organizationUnitId>
        <bce:organizationUnitId>${Properties#OrganizationUnitId_dep1}
        </bce:organizationUnitId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:createOrganizationUnit serviceProviderId="${Properties#ProviderId}"
          companyId="${Properties#CompanyId_1}"
          organizationUnitId="${Properties#OrganizationUnitId_dep1}">
          <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
          <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
          <!--1 to 6 repetitions-->
          <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
          </bce:organizationUnitId>
          <bce:organizationUnitId>${Properties#OrganizationUnitId_dep1}
          </bce:organizationUnitId>
          <bce:name>${Properties#OrganizationUnitId_dep1}</bce:name>
          <bce:description>${Properties#OrganizationUnitId_dep1}</bce:description>
          <bce:address>
            <bce:StreetAddress>minhang strict</bce:StreetAddress>
            <bce:ZipCode>200335</bce:ZipCode>
            <bce:City>nanjing</bce:City>
            <bce:Region>RNEA</bce:Region>
            <bce:Country>CHN</bce:Country>
          </bce:address>
          <bce:type>department</bce:type>
          <bce:callBarringProfileIds>
            <!--Zero or more repetitions-->
            <bce:ids>2223</bce:ids>
          </bce:callBarringProfileIds>
        </bce:createOrganizationUnit>
      </cai3:MOAttributes>
    </cai3:Create>
  </soapenv:Body>
</soapenv:Envelope>

```

Example 6 Creating an OrganizationUnit

3.2 Deleting an OrganizationUnit

This section describes how to delete an OrganizationUnit.

MOType

OrganizationUnit@http://schemas.ericsson.com/ma/bce/

3.2.1 Request Data

MOId



Table 10 *MOID Parameters of Deleting an OrganizationUnit*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site

MOAttributes

Table 11 *MOAttributes of Deleting an OrganizationUnit*

Parameter	Type	Occurrence	Example
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site

3.2.2

Example

An example for deleting an OrganizationUnit is as follows:



```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Delete>
      <cai3:MOType>OrganizationUnit@http://schemas.ericsson.com/ma/bce/
    </cai3:MOType>
    <cai3:MOId>
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
    </bce:organizationUnitId>
    </cai3:MOId>
    <cai3:MOAttributes>
      <bce:deleteOrganizationUnit>
        <!-- 1 to 6 repetitions:-->
        <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
      </bce:organizationUnitId>
        <bce:organizationUnitId>${Properties#OrganizationUnitId_dep1}
      </bce:organizationUnitId>
      </bce:deleteOrganizationUnit>
    </cai3:MOAttributes>
  </cai3:Delete>
</soapenv:Body>
</soapenv:Envelope>
```

Example 7 Deleting an OrganizationUnit

3.3 Setting an OrganizationUnit

This section describes how to set an OrganizationUnit.

MOType

OrganizationUnit@http://schemas.ericsson.com/ma/bce/

3.3.1 Request Data

MOId

Table 12 MOID Parameters of Setting a OrganizationUnit

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site

MOAttributes

Table 13 MOAttributes of Setting an OrganizationUnit

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site
name	The name of the organizationUnit String minLength value="1" maxLength value="100"	Optional	eda-company1-site2
description	The description of the organizationUnit String maxLength value="255"	Optional	eda-or_ description
address	The address of the organizationUnit	Optional	



Parameter	Type	Occurrence	Example
StreetAddress	The street address of the organizationUnit String minLength value="1" maxLength value="255"	Optional	West Tianshan Road
ZipCode	The zip code of the organizationUnit String minLength value="1" maxLength value="10"	Optional	200335
City	The city of the organizationUnit String minLength value="1" maxLength value="255"	Optional	Shanghai
Region	The region of the organizationUnit String minLength value="1" maxLength value="255"	Optional	RNEA
Country	The country of the organizationUnit String minLength value="1" maxLength value="255"	Optional	CHN
type	The type of the organizationUnit String minLength value="1" maxLength value="40"	Optional	site
attachCode	The attachCode of the organizationUnit String	Optional	123
callBarringProfileIds	Group IDs for call barring	Optional	
ids	The ID of callBarringProfile	Optional	222

3.3.2

Example

An example for setting an OrganizationUnit is as follows:



```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Set>
      <cai3:MOType>OrganizationUnit@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
        <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
        </bce:organizationUnitId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:setOrganizationUnit serviceProviderId="${Properties#ProviderId}"
          companyId="${Properties#CompanyId_1}"
          organizationUnitId="${Properties#OrganizationUnitId_site1}">
          <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
          <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
          <!--1 to 6 repetitions:-->
          <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
          </bce:organizationUnitId>
          <bce:name>${Properties#OrganizationUnitId_site1}_update</bce:name>
          <bce:description>${Properties#OrganizationUnitId_site1}_update
          </bce:description>
          <bce:address>
            <bce:StreetAddress>West Tianshan Road_update</bce:StreetAddress>
            <bce:ZipCode>200335_1</bce:ZipCode>
            <bce:City>Shanghai_update</bce:City>
            <bce:Region>RNEA_update</bce:Region>
            <bce:Country>CHN_update</bce:Country>
          </bce:address>
          <bce:type>site</bce:type>
          <!--0 to 6 repetitions:-->
          <bce:attachCode>111</bce:attachCode>
          <bce:callBarringProfileIds>
            <!--Zero or more repetitions:-->
            <bce:ids>2221</bce:ids>
            <bce:ids>2222</bce:ids>
            <bce:ids>2223</bce:ids>
          </bce:callBarringProfileIds>
        </bce:setOrganizationUnit>
      </cai3:MOAttributes>
    </cai3:Set>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 8 Setting an OrganizationUnit

3.4 Getting an OrganizationUnit

This section describes how to get an OrganizationUnit.

MOType

OrganizationUnit@http://schemas.ericsson.com/ma/bce/

3.4.1 Request Data

MOId

**Table 14** *MOID Parameters of Getting an OrganizationUnit*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the OrganizationUnit String minLength value="1" maxLength value="20"	Mandatory	eda_1
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site

MOAttributes**Table 15** *MOAttributes of Getting an OrganizationUnit Request*

Parameter	Type	Occurrence	Example
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Mandatory	eda-company1-site

3.4.2 Response Data

For the parameter details of the `Get` response operation, refer to Table 9.

3.4.3 Example

An example for getting an OrganizationUnit is as follows:



Request :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Get>
      <cai3:MOType>OrganizationUnit@http://schemas.ericsson.com/ma/bce/
    </cai3:MOType>
    <cai3:MOId>
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
    </bce:organizationUnitId>
    </cai3:MOId>
    <cai3:MOAttributes>
      <bce:getOrganizationUnit>
        <!--1 to 6 repetitions-->
        <bce:organizationUnitId>${Properties#OrganizationUnitId_site1}
      </bce:organizationUnitId>
        <bce:organizationUnitId>${Properties#OrganizationUnitId_dep2}
      </bce:organizationUnitId>
      </bce:getOrganizationUnit>
    </cai3:MOAttributes>
    </cai3:Get>
  </soapenv:Body>
</soapenv:Envelope>
```

Response :

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3g="http://schemas.ericsson.com/cai3g1.2/">
  <S:Header>
    <cai3g:SessionId>17ec57e9d0b34ded8a82d391a403d766</cai3g:SessionId>
  </S:Header>
  <S:Body>
    <GetResponse xmlns="http://schemas.ericsson.com/cai3g1.2/">
      <MOAttributes>
        <bce:getOrganizationUnitResponse companyId="ema-company1"
          organizationUnitId="ema-company1-site1" serviceProviderId="sp-tcv"
          xmlns:bce="http://schemas.ericsson.com/ma/bce/">
          <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
          <bce:companyId>ema-company1</bce:companyId>
          <bce:organizationUnitId>ema-company1-site1</bce:organizationUnitId>
          <bce:organizationUnitId>ema-company1-depl</bce:organizationUnitId>
          <bce:name>ema-company1-depl</bce:name>
          <bce:description>ema-company1-depl</bce:description>
          <bce:address>
            <bce:StreetAddress>minhang strict</bce:StreetAddress>
            <bce:ZipCode>200335</bce:ZipCode>
            <bce:City>nanjing</bce:City>
            <bce:Region>RNEA</bce:Region>
            <bce:Country>CHN</bce:Country>
          </bce:address>
          <bce:type>department</bce:type>
          <bce:callBarringProfileIds>
            <bce:ids>2223</bce:ids>
          </bce:callBarringProfileIds>
          <bce:inheritedAttachCode>111</bce:inheritedAttachCode>
        </bce:getOrganizationUnitResponse>
      </MOAttributes>
    </GetResponse>
  </S:Body>
</S:Envelope>
```

Example 9 Getting an OrganizationUnit



4 Users

4.1 Creating a User

This section describes how to create a User.

MOType

User@http://schemas.ericsson.com/ma/bce/

4.1.1 Request Data

MOId

Table 16 MOID Parameters of Creating a User

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
userId	The ID of the User String minLength value="1" maxLength value="20"	Mandatory	22088113

MOAttributes

Table 17 MOAttributes of Creating a User

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
userId	The ID of the User String minLength value="1" maxLength value="20"	Mandatory	22088113
organizationUnitIds	Group IDs for organizationUnits	Optional	
operationType	The type of operation	Optional	UPDATE
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Optional	eda-organizationUnit-1
sipAddress	The complex type of the address	Mandatory	
SipUri	The URI address of the User String	Mandatory	sip:22088113@tcv.ics.se
Type	The type of the User String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Mandatory	PUBLIC_ID
Default	Indicates whether the sipAddress is default or not. Boolean value="true" or "false"	Mandatory	true
shortNumber	The shortNumber of the User String Pattern value="[0-9]{2,5}"	Optional	27113



Parameter	Type	Occurrence	Example
firstName	The first name of the user String maxLength value="40"	Optional	Terry
lastName	The last name of the user String maxLength value="40"	Optional	Tao
password	The password of the user String minLengthvalue="6" maxLength value="255"	Mandatory	11111111
expirePassword	Indicates whether the password will be expired. Boolean value="true" or "false"	Optional	true
email	The email address of the user String	Optional	Terry.Tao@ericsson.com
active	Indicates whether the user is active or not. Boolean value="true" or "false"	Optional	true
nonTelephonyUser	Boolean value="true" or "false"	Optional	true
contactAdministrator	Boolean value="true" or "false"	Optional	true
administrator	Boolean value="true" or "false"	Optional	false
systemAdministrator	Boolean value="true" or "false"	Optional	false
clientEnum	The type of client String enumeration value="MOBILE" enumeration value="PC"	Optional	PC
userName	The user name String minLengthvalue="1" maxLength value="255"	Mandatory	22088113



Parameter	Type	Occurrence	Example
location	The location of user String minLength value="1" maxLength value="255"	Optional	shanghai
locationAddress	The complex type of the location address	Optional	
StreetAddress	The street address of the organizationUnit String minLength value="1" maxLength value="255"	Optional	West Tianshan Road
ZipCode	The zip code of the organizationUnit String minLength value="1" maxLength value="10"	Optional	200335
City	The city of the organizationUnit String minLength value="1" maxLength value="255"	Optional	Shanghai
Region	The region of the organizationUnit String minLength value="1" maxLength value="255"	Optional	RNEA
Country	The country of the organizationUnit String minLength value="1" maxLength value="255"	Optional	China
skills	The skill of the user String minLength value="1" maxLength value="255"	Optional	test
role	The role of the user String minLength value="1" maxLength value="255"	Optional	verification engineer



Parameter	Type	Occurrence	Example
webUrl	The web URI address of the user String minLength value="1" maxLength value="255"	Optional	www.ericsson.com
fax	The fax number of the user String minLength value="1" maxLength value="20"	Optional	12344112
title	The title of the user String minLength value="1" maxLength value="255"	Optional	verification engineer
department	The department of the user String minLength value="1" maxLength value="255"	Optional	CBC/XLEG
externalId	The external ID of the user String minLength value="1" maxLength value="100"	Optional	23

4.1.2 Example

An example for creating a User is as follows:



```

Request:
<cai3:Create>
  <cai3:MOType>User@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:userId>${Properties#User_1}</bce:userId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:createUser serviceProviderId="${Properties#ProviderId}"
      companyId="${Properties#CompanyId_1}" userId="${Properties#User_1}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:userId>${Properties#User_1}</bce:userId>
      <bce:organizationUnitIds>
        <bce:operationType>UPDATE</bce:operationType>
        <!--0 to 3 repetitions:-->
        <bce:organizationUnitId>${Properties#OrganizationUnitId_sitel}</bce:organizationUnitId>
      </bce:organizationUnitIds>
      <!--0 to 10 repetitions:-->
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:22088111@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>27111</bce:shortNumber>
      <bce:firstName>michelle</bce:firstName>
      <bce:lastName>wang</bce:lastName>
      <bce:password>111111</bce:password>
      <bce:expirePassword>>false</bce:expirePassword>
      <bce:email>michelle.wang@ericsson.com</bce:email>
      <bce:active>true</bce:active>
      <bce:nonTelephonyUser>>false</bce:nonTelephonyUser>
      <bce:contactAdministrator>>false</bce:contactAdministrator>
      <bce:administrator>>false</bce:administrator>
      <bce:systemAdministrator>>false</bce:systemAdministrator>
      <!--Zero or more repetitions:-->
      <bce:clientEnum>PC</bce:clientEnum>
      <bce:userName>${Properties#User_1}</bce:userName>
      <bce:location>shanghai</bce:location>
      <bce:locationAddress>
        <bce:StreetAddress>tianshan road_michelle</bce:StreetAddress>
        <bce:ZipCode>200335</bce:ZipCode>
        <bce:City>shanghai</bce:City>
        <bce:Region>RNEA</bce:Region>
        <bce:Country>china</bce:Country>
      </bce:locationAddress>
      <bce:skills>test</bce:skills>
      <bce:role>verification engineer</bce:role>
      <bce:webUrl>www.ericsson.com</bce:webUrl>
      <bce:fax>22087555</bce:fax>
      <bce:title>verification engineer</bce:title>
      <bce:department>cbc/xleg</bce:department>
      <bce:externalId>1</bce:externalId>
    </bce:createUser>
  </cai3:MOAttributes>
</cai3:Create>

```

Example 10 Creating a User

4.2 Deleting a User

This section describes how to delete a User.

MOType

User@http://schemas.ericsson.com/ma/bce/

4.2.1 Request Data

MOId

Table 18 MOID Parameters of Deleting a User

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
userId	The ID of the User String minLength value="1" maxLength value="20"	Mandatory	22088113

4.2.2 Example

An example for deleting a User is as follows:

```
Request:
<cai3:Delete>
  <cai3:MOType>User@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:userId>${Properties#User_1}</bce:userId>
  </cai3:MOId>
</cai3:Delete>
```

Example 11 Deleting a User

4.3 Setting a User

This section describes how to set a User.

MOType

User@http://schemas.ericsson.com/ma/bce/

4.3.1 Request Data

MOId

*Table 19 MOID Parameters of Setting a User*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
userId	The ID of the User String minLength value="1" maxLength value="20"	Mandatory	22088113

MOAttributes*Table 20 MOAttributes of Setting a User*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
userId	The ID of the User String minLength value="1" maxLength value="20"	Mandatory	22088113
organizationUnitIds	Group IDs for organizationUnits	Optional	
operationType	The type of operation	Optional	UPDATE
organizationUnitId	The ID of the organizationUnit String minLength value="1" maxLength value="40"	Optional	eda-organizationUnit-1
sipAddress	The complex type of the address	Mandatory	



Parameter	Type	Occurrence	Example
SipUri	The URI address of the User String	Mandatory	sip:22088113@tcv.ics.se
Type	The type of the User String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Mandatory	PUBLIC_ID
Default	Indicates whether the sipAddress is default or not. Boolean value="true" or "false"	Mandatory	true
shortNumber	The shortNumber of the User String Pattern value="0-9{2,5}"	Optional	27113
firstName	The first name of the user String maxLength value="40"	Optional	Terry
lastName	The last name of the user String maxLength value="40"	Optional	Tao
password	The password of the user String minLengthvalue="6" maxLength value="255"	Mandatory	11111111
expirePassword	Indicates whether the password will be expired. Boolean value="true" or "false"	Optional	true
email	The email address of the user String	Optional	Terry.Tao@ericsson.com



Parameter	Type	Occurrence	Example
active	Indicates whether the user is active or not. Boolean value="true" or "false"	Optional	true
nonTelephonyUser	Boolean value="true" or "false"	Optional	true
contactAdministrator	Boolean value="true" or "false"	Optional	true
administrator	Boolean value="true" or "false"	Optional	false
systemAdministrator	Boolean value="true" or "false"	Optional	false
clientEnum	The type of client String enumeration value="MOBILE" enumeration value="PC"	Optional	PC
userName	The user name String minLengthvalue="1" maxLength value="255"	Mandatory	22088113
location	The location of user String minLengthvalue="1" maxLength value="255"	Optional	shanghai
locationAddress	The complex type of the location address	Optional	
StreetAddress	The street address of the organizationUnit String minLength value="1" maxLength value="255"	Optional	West Tianshan Road
ZipCode	The zip code of the organizationUnit String minLength value="1" maxLength value="10"	Optional	200335



Parameter	Type	Occurrence	Example
City	The city of the organizationUnit String minLength value="1" maxLength value="255"	Optional	Shanghai
Region	The region of the organizationUnit String minLength value="1" maxLength value="255"	Optional	RNEA
Country	The country of the organizationUnit String minLength value="1" maxLength value="255"	Optional	China
skills	The skill of the user String minLength value="1" maxLength value="255"	Optional	test
role	The role of the user String minLength value="1" maxLength value="255"	Optional	verification engineer
webUrl	The web URI address of the user String minLength value="1" maxLength value="255"	Optional	www.ericsson.com
fax	The fax number of the user String minLength value="1" maxLength value="20"	Optional	12344112
title	The title of the user String minLength value="1" maxLength value="255"	Optional	verification engineer



Parameter	Type	Occurrence	Example
department	The department of the user String minLength value="1" maxLength value="255"	Optional	CBC/XLEG
externalId	The external ID of the user String minLength value="1" maxLength value="100"	Optional	23

4.3.2

Example

An example for setting a User is as follows:

```
<cai3:Set>
  <cai3:MOType>User@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:userId>${Properties#User_1}</bce:userId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:setUser serviceProviderId="${Properties#ProviderId}"
      companyId="${Properties#CompanyId_1}" userId="${Properties#User_1}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:userId>${Properties#User_1}</bce:userId>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:22088111@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>tel:+861865664345</bce:SipUri>
        <bce:Type>MOBILE</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>2208</bce:shortNumber>
      <bce:firstName>Michelle_new</bce:firstName>
      <bce:lastName>Jin</bce:lastName>
      <bce:password>3333333333</bce:password>
      <bce:expirePassword>true</bce:expirePassword>
      <bce:email/>
      <bce:active>false</bce:active>
    </bce:setUser>
  </cai3:MOAttributes>
</cai3:Set>
```

Example 12 Setting a User

4.4

Getting a User

This section describes how to get a User.

MOType

User@http://schemas.ericsson.com/ma/bce/

4.4.1 Request Data

MOId

Table 21 MOID Parameters of Getting a User

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
userId	The ID of the User String minLength value="1" maxLength value="20"	Mandatory	22088113

4.4.2 Response Data

For the parameter details of the `Get` response operation, refer to Table 17.

4.4.3 Example

An example for getting a User is as follows:



```

Request:
<cai3:Get>
  <cai3:MOType>User@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:userId>${Properties#User_2}</bce:userId>
  </cai3:MOId>
</cai3:Get>

Response:
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:cai3g="http://schemas.ericsson.com/cai3g1.2/">
  <S:Header>
    <cai3g:SessionId>50df275ad9ef44dfbd17b3669b40d43c</cai3g:SessionId>
  </S:Header>
  <S:Body>
    <GetResponse xmlns="http://schemas.ericsson.com/cai3g1.2/">
      <MOAttributes>
        <bce:getUserResponse companyId="ema-company_user_12"
serviceProviderId="sp-tcv" userId="2208811133"
xmlns:bce="http://schemas.ericsson.com/ma/bce/">
          <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
          <bce:companyId>ema-company_user_12</bce:companyId>
          <bce:userId>2208811133</bce:userId>
          <bce:organizationUnitIds>
            <bce:organizationUnitId>ema1-user_site1</bce:organizationUnitId>
          </bce:organizationUnitIds>
          <bce:sipAddress readOnly="false">
            <bce:SipUri>sip:2208811331@tcv.ics.se</bce:SipUri>
            <bce:Type>PUBLIC_ID</bce:Type>
            <bce:Default>true</bce:Default>
          </bce:sipAddress>
          <bce:shortNumber>27111</bce:shortNumber>
          <bce:firstName>michelle</bce:firstName>
          <bce:lastName>wang</bce:lastName>
          <bce:password>{SHA-512}6eUqg5iKxLIWk16pZx4TsSvt1KPh62BAR6JAYBBafHp4QJNTDptIhe86u
          <bce:email>michelle.wang@ericsson.com</bce:email>
          <bce:active>true</bce:active>
          <bce:nonTelephonyUser>false</bce:nonTelephonyUser>
          <bce:contactAdministrator>false</bce:contactAdministrator>
          <bce:administrator>false</bce:administrator>
          <bce:systemAdministrator>false</bce:systemAdministrator>
          <bce:clientEnum>PC</bce:clientEnum>
          <bce:userName>2208811133</bce:userName>
          <bce:location>shanghai</bce:location>
          <bce:locationAddress>
            <bce:StreetAddress>tianshan road_michelle</bce:StreetAddress>
            <bce:ZipCode>200335</bce:ZipCode>
            <bce:City>shanghai</bce:City>
            <bce:Region>RNEA</bce:Region>
            <bce:Country>china</bce:Country>
          </bce:locationAddress>
          <bce:skills>test</bce:skills>
          <bce:webUrl>www.ericsson.com</bce:webUrl>
          <bce:fax>22087555</bce:fax>
          <bce:title>verificaton engineer</bce:title>
          <bce:department>cbc/xleg</bce:department>
          <bce:externalId>1</bce:externalId>
        </bce:getUserResponse>
      </MOAttributes>
    </GetResponse>
  </S:Body>
</S:Envelope>

```

Example 13 Getting a User

5 Auto Attendant

5.1 Creating an Auto Attendant

This section describes how to create an Auto Attendant.

MOType

AutoAttendant@http://schemas.ericsson.com/ma/bce/

5.1.1 Request Data

MOId

Table 22 MOID Parameters of Creating an Auto Attendant

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
autoAttendantId	The ID of the Auto Attendant String minLength value="1" maxLength value="20"	Mandatory	autoattendant

MOAttributes

Table 23 MOAttributes of Creating an Auto Attendant

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
autoAttendantId	The ID of the Auto Attendant String minLength value="1" maxLength value="20"	Mandatory	autoattendant
sipAddress	The complex type of the address	Mandatory	
sipUri	The URI address String	Mandatory	sip:22088113@tcv.ics.se or tel:22088113
Type	The type of the sipAddress String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Mandatory	PUBLIC_ID
Default	Indicates whether the sipAddress is default or not. Boolean value="true" or "false"	Mandatory	true
bagNumbers	Sub-MO This sub-MO only supports some customers.	Optional	
mobileNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	13800138000



Parameter	Type	Occurrence	Example
<code>fixedNumber</code>	The fixed number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	60614197
<code>clipNumber</code>	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	6061
<code>shortNumber</code>	The short number String pattern value="[0-9]{2,5}"	Optional	24197
<code>voiceMailAddress</code>	The voice mail address String	Optional	sip:test@ericsson.com
<code>name</code>	The name of the Auto Attendant String minLength value="1" maxLength value="100"	Mandatory	Tom
<code>description</code>	The description of the Auto Attendant String maxLength value="255"	Optional	Test the description
<code>aaOpen</code>	The status of the Auto Attendant String enumeration value="OPEN" enumeration value="CLOSED" enumeration value="SCHEDULE"	Optional	OPEN
<code>overflowWhenClosed</code>	Sub-MO	Optional	
<code>playAnnouncement</code>	Indicates whether to play the announcement or not. Boolean value="true" or "false"	Optional	true



Parameter	Type	Occurrence	Example
overflowAction	Sub-MO Configure either of the following two parameters, otherwise an error can occur.	Optional	
forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
incomingNumberPresentation	The incoming caller display String enumeration value="CALLER" enumeration value="SERVICE_ADDRESS"	Optional	CALLER
UpAutoAttendantMenuItemType	Sub-MO	Optional	
operation	The type of the operation String enumeration value="DELETE"	Optional	DELETE
key	The type of the Auto Attendant key String minLength value="1" pattern value="[0-9]"	Optional	1
keyPressedAction	Sub-MO Configure only one of the following parameters, otherwise an error can occur.		
SipAddress	The URI address String	Optional	sip:22088113@tcv.ics.se or tel:+8612323456783
CdgId	The ID of Call Distribution Group String minLength value="1" maxLength value="20"	Optional	cdg1_ema2



Parameter	Type	Occurrence	Example
MenuAction	The action triggered by a menu item String enumeration value="FORWARD_TO_VOICE_MAIL" enumeration value="REPEAT_ANNOUNCEMENT" enumeration value="DISCONNECT"	Optional	REPEAT_ANNOUNCEMENT
timeOutAction	Sub-MO Configure only one of the following parameters, otherwise an error can occur.	Mandatory	
SipAddress	The URI address String	Mandatory	sip:22088113@tcv.ics.se or tel:+8612323456783
CdgId	The ID of Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	cdg1_ema2
MenuAction	The action triggered by a menu item String enumeration value="FORWARD_TO_VOICE_MAIL" enumeration value="REPEAT_ANNOUNCEMENT" enumeration value="DISCONNECT"	Mandatory	REPEAT_ANNOUNCEMENT
wrongSelectionAction	Sub-MO Configure only one of the following parameters, otherwise an error can occur.	Mandatory	
SipAddress	The URI address String	Mandatory	sip:22088113@tcv.ics.se or tel:+8612323456783



Parameter	Type	Occurrence	Example
CdgId	The ID of Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	cdg1_ema2
MenuAction	The action triggered by a menu item String enumeration value="FORWARD_TO_VOICE_MAIL" enumeration value="REPEAT_A_NNOUNCEMENT" enumeration value="DISCONNECT"	Mandatory	FORWARD_TO_VOICE_MAIL
announcements	Sub-MO	Optional	
operation	The operation on the announcement String enumeration value="DELETE"	Optional	DELETE
announcementName	The name of the announcement String	Optional	announcementName
companyId	Sub-MO	Optional	
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Optional	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Optional	eda_1
fileId	The ID of the file Long	Optional	54321

5.1.2

Example

An example for creating an Auto Attendant is as follows:

```
Request:
<cai3:Create>
  <cai3:MOType>
    AutoAttendant@http://schemas.ericsson.com/ma/bce/
  </cai3:MOType>
  <cai3:MOId>
```



```

<bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
<bce:companyId>${Properties#CompanyId_1}</bce:companyId>
<bce:autoAttendantId>${Properties#autoAttendantId}</bce:autoAttendantId>
</cai3:MOId>
<cai3:MOAttributes>
  <bce:createAutoAttendant serviceProviderId="${Properties#ProviderId}"
    companyId="${Properties#CompanyId_1}"
    autoAttendantId="${Properties#autoAttendantId}">
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:autoAttendantId>${Properties#autoAttendantId}</bce:autoAttendantId>
    <!--0 to 10 repetitions:-->
    <bce:sipAddress readOnly="false">
      <bce:SipUri>sip:27348111@tcv.ics.se</bce:SipUri>
      <bce:Type>PUBLIC_ID</bce:Type>
      <bce:Default>true</bce:Default>
    </bce:sipAddress>
    <bce:sipAddress readOnly="false">
      <bce:SipUri>tel:+25498111</bce:SipUri>
      <bce:Type>FIXED</bce:Type>
      <bce:Default>true</bce:Default>
    </bce:sipAddress>
    <bce:shortNumber>54198</bce:shortNumber>
    <bce:voiceMailAddress>sip:test@ericsson.com</bce:voiceMailAddress>
    <bce:name>Tom</bce:name>
    <bce:description>Test the description</bce:description>
    <bce:aaOpen>OPEN</bce:aaOpen>
    <bce:overflowWhenClosed>
      <bce:playAnnouncement>true</bce:playAnnouncement>
      <bce:overflowAction>
        <!--You have a CHOICE of the next 2 items at this level-->
        <!--bce:forwardToAddress>To_voice_email</bce:forwardToAddress-->
        <bce:overflowOption>
          FORWARD_TO_VOICEMAIL
        </bce:overflowOption>
      </bce:overflowAction>
    </bce:overflowWhenClosed>
    <bce:incomingNumberPresentation>
      CALLER
    </bce:incomingNumberPresentation>
    <!--0 to 10 repetitions:-->
    <bce:UpAutoAttendantMenuItemType>
      <bce:operation>DELETE</bce:operation>
      <bce:key>1</bce:key>
      <bce:keyPressedAction>
        <!--You have a CHOICE of the next 3 items at this level-->
        <!--bce:SipAddress>sip:22088113@tcv.ics.se</bce:SipAddress-->
        <!--bce:CdgId>cdg1_ema2</bce:CdgId-->
        <bce:MenuAction>REPEAT_ANNOUNCEMENT</bce:MenuAction>
      </bce:keyPressedAction>
    </bce:UpAutoAttendantMenuItemType>
    <bce:timeOutAction>
      <!--You have a CHOICE of the next 3 items at this level-->
      <!--bce:SipAddress>sip:22088113@tcv.ics.se</bce:SipAddress-->
      <!--bce:CdgId>cdg1_ema2</bce:CdgId-->
      <bce:MenuAction>REPEAT_ANNOUNCEMENT</bce:MenuAction>
    </bce:timeOutAction>
    <bce:wrongSelectionAction>
      <!--You have a CHOICE of the next 3 items at this level-->
      <!--bce:SipAddress>sip:22088113@tcv.ics.se</bce:SipAddress-->
      <!--bce:CdgId>cdg1_ema2</bce:CdgId-->
      <bce:MenuAction>FORWARD_TO_VOICE_MAIL</bce:MenuAction>
    </bce:wrongSelectionAction>
    <!--0 to 7 repetitions:-->
    <!--Zero or more repetitions:-->
    <bce:announcements>
      <bce:operation>DELETE</bce:operation>
      <bce:announcementName>CDG_WELCOME</bce:announcementName>
      <bce:companyId>
        <bce:serviceProviderId>
          ${Properties#ProviderId}
        </bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      </bce:companyId>
      <bce:fileId>54321</bce:fileId>
    </bce:announcements>
  </bce:createAutoAttendant>
</cai3:MOAttributes>

```



```
</bce:createAutoAttendant>
</cai3:MOAttributes>
</cai3:Create>
```

Example 14 Creating an Auto Attendant

5.2 Deleting an Auto Attendant

This section describes how to delete an Auto Attendant.

MOType

AutoAttendant@http://schemas.ericsson.com/ma/bce/

5.2.1 Request Data

MOId

Table 24 MOID Parameters of Deleting an Auto Attendant

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
autoAttendantId	The ID of the Auto Attendant String minLength value="1" maxLength value="20"	Mandatory	autoattendant

5.2.2 Example

An example for deleting an Auto Attendant is as follows:

```

Request:
<cai3:Delete>
  <cai3:MOType>
    AutoAttendant@http://schemas.ericsson.com/ma/bce/
  </cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:autoAttendantId>${Properties#autoAttendantId}</bce:autoAttendantId>
  </cai3:MOId>
</cai3:Delete>

```

Example 15 Deleting an Auto Attendant

5.3 Setting an Auto Attendant

This section describes how to set an Auto Attendant.

MOType

AutoAttendant@http://schemas.ericsson.com/ma/bce/

5.3.1 Request Data

MOId

Table 25 MOID Parameters of Setting an Auto Attendant

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
autoAttendantId	The ID of the Auto Attendant String minLength value="1" maxLength value="20"	Mandatory	autoattendant

MOAttributes

**Table 26** *MOAttributes of Setting an Auto Attendant*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
autoAttendantId	The ID of the Auto Attendant String minLength value="1" maxLength value="20"	Mandatory	autoattendant
sipAddress	The complex type of the address	Optional	
SipUri	The URI address String	Optional	sip:22088113@tcv.ics.se or tel:22088113
Type	The type of the sipAddress String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Optional	PUBLIC_ID
Default	Boolean value="true" or "false"	Optional	true
bagNumbers	Indicates whether the sipAddress is default or not. Sub-MO This sub-MO only supports some customers.	Optional	



Parameter	Type	Occurrence	Example
mobileNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])**"	Optional	13800138000
fixedNumber	The fixed number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])**"	Optional	60614197
clipNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])**"	Optional	6061
shortNumber	The short number String pattern value="[0-9]{2,5}"	Optional	24197
voiceMailAddress	The voice mail address String	Optional	sip:test@ericsson.com
name	The name of the Auto Attendant String minLength value="1" maxLength value="100"	Optional	Tom
description	The description of the Auto Attendant String maxLength value="255"	Optional	Test the description
aaOpen	The status of the Auto Attendant String enumeration value="OPEN" enumeration value="CLOSED" enumeration value="SCHEDULE"	Optional	OPEN
overflowWhenClosed	Sub-MO	Optional	



Parameter	Type	Occurrence	Example
playAnnouncement	Indicates whether to play the announcement or not. Boolean value="true" or "false"	Optional	true
overflowAction	Sub-MO Configure either of the following two parameters, otherwise an error can occur.	Optional	
forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
incomingNumberPresentation	The incoming caller display String enumeration value="CALLER" enumeration value="SERVICE_ADDRESS"	Optional	CALLER
UpAutoAttendantMenuItemType	Sub-MO	Optional	
operation	The type of the operation String enumeration value="DELETE"	Optional	DELETE
key	The type of the Auto Attendant key String minLength value="1" pattern value="[0-9]"	Optional	1
keyPressedAction	Sub-MO Configure only one of the following parameters, otherwise an error can occur.	Optional	
SipAddress	The URI address String	Optional	sip:22088113@tcv.ics.se or tel:+8612323456783



Parameter		Type	Occurrence	Example
	CdgId	The ID of Call Distribution Group String minLength value="1" maxLength value="20"	Optional	cdg1_ema2
	MenuAction	The action triggered by a menu item String enumeration value="FORWARD_TO_VOICE_MAIL" enumeration value="REPEAT_ANNOUNCEMENT" enumeration value="DISCONNECT"	Optional	REPEAT_ANNOUNCEMENT
	timeOutAction	Sub-MO Configure only one of the following parameters, otherwise an error can occur.	Optional	
	SipAddress	The URI address String	Optional	sip:22088113@tcv.ics.se or tel:+8612323456783
	CdgId	The ID of Call Distribution Group String minLength value="1" maxLength value="20"	Optional	cdg1_ema2
	MenuAction	The action triggered by a menu item String enumeration value="FORWARD_TO_VOICE_MAIL" enumeration value="REPEAT_ANNOUNCEMENT" enumeration value="DISCONNECT"	Optional	REPEAT_ANNOUNCEMENT
	wrongSelectionAction	Sub-MO Configure only one of the following parameters, otherwise an error can occur.	Optional	



Parameter	Type	Occurrence	Example
SipAddress	The URI address String	Optional	sip:22088113@tcv.ics. se or tel:+8612323456783
CdgId	The ID of Call Distribution Group String minLength value="1" maxLength value="20"	Optional	cdg1_ema2
MenuAction	The action triggered by a menu item String enumeration value="FORWARD _TO_VOICE_MAIL" enumeration value="REPEAT_A NNOUNCEMENT" enumeration value="DISCONNECT"	Optional	FORWARD_TO_VOIC E_MAIL
announcements	Sub-MO	Optional	
operation	The operation on the announcement String enumeration value="DELETE"	Optional	DELETE
announcementName	The name of the announcement String	Optional	announcementName
companyId	Sub-MO	Optional	
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Optional	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Optional	eda_1
fileId	The ID of the file Long	Optional	54321

5.3.2

Example

An example for setting an Auto Attendant is as follows:



```

Request:
<cai3:Set>
  <cai3:MOType>
    AutoAttendant@http://schemas.ericsson.com/ma/bce/
  </cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:autoAttendantId>
      ${Properties#autoAttendantId_M}
    </bce:autoAttendantId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:setAutoAttendant serviceProviderId="${Properties#ProviderId}"
      companyId="${Properties#CompanyId_1}"
      autoAttendantId="${Properties#autoAttendantId_M}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:autoAttendantId>
        ${Properties#autoAttendantId_M}
      </bce:autoAttendantId>
      <!--0 to 10 repetitions-->
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:21238112@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:name>Tom1</bce:name>
      <bce:aaOpen>OPEN</bce:aaOpen>
      <bce:overflowWhenClosed>
        <bce:playAnnouncement>>false</bce:playAnnouncement>
        <bce:overflowAction>
          <bce:overflowOption>HANGUP</bce:overflowOption>
        </bce:overflowAction>
      </bce:overflowWhenClosed>
      <bce:timeOutAction>
        <!--You have a CHOICE of the next 3 items at this level-->
        <bce:SipAddress>sip:22088113@tcv.ics.se</bce:SipAddress>
        <!--bce:CdgId>cdg1_ema2</bce:CdgId-->
        <!--bce:MenuAction>REPEAT_ANNOUNCEMENT</bce:MenuAction-->
      </bce:timeOutAction>
      <bce:wrongSelectionAction>
        <!--You have a CHOICE of the next 3 items at this level-->
        <bce:SipAddress>sip:22088113@tcv.ics.se</bce:SipAddress>
        <!--bce:CdgId>cdg1_ema2</bce:CdgId-->
        <!--bce:MenuAction>FORWARD_TO_VOICE_MAIL</bce:MenuAction-->
      </bce:wrongSelectionAction>
    </bce:setAutoAttendant>
  </cai3:MOAttributes>
</cai3:Set>

```

Example 16 Setting an Auto Attendant

5.4 Getting an Auto Attendant

This section describes how to get an Auto Attendant.

MOType

AutoAttendant@http://schemas.ericsson.com/ma/bce/

5.4.1 Request Data

MOId

*Table 27 MOID Parameters of Getting an Auto Attendant*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
autoAttendantId	The ID of the Auto Attendant String minLength value="1" maxLength value="20"	Mandatory	autoattendant

5.4.2 Response Data

For the parameter details of the `Get` response operation, refer to Table 23.

5.4.3 Example

An example for getting an Auto Attendant is as follows:



```

Request:
<cai3:Get>
  <cai3:MOType>
    AutoAttendant@http://schemas.ericsson.com/ma/bce/
  </cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:autoAttendantId>${Properties#autoAttendantId}</bce:autoAttendantId>
  </cai3:MOId>
</cai3:Get>

Response:
<GetResponse xmlns="http://schemas.ericsson.com/cai3g1.2/">
  <MOAttributes>
    <bce:getAutoAttendantResponse autoAttendantId="autoattendant"
      companyId="ema_1381" serviceProviderId="sp-tcv"
      xmlns:bce="http://schemas.ericsson.com/ma/bce/">
      <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
      <bce:companyId>ema_1381</bce:companyId>
      <bce:autoAttendantId>autoattendant</bce:autoAttendantId>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>tel:+25498111</bce:SipUri>
        <bce:Type>FIXED</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:27348111@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>54198</bce:shortNumber>
      <bce:voiceMailAddress>sip:test@ericsson.com</bce:voiceMailAddress>
      <bce:name>Tom</bce:name>
      <bce:description>Test the description</bce:description>
      <bce:aaOpen>OPEN</bce:aaOpen>
      <bce:overflowWhenClosed>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <bce:overflowOption>
            FORWARD_TO_VOICEMAIL
          </bce:overflowOption>
        </bce:overflowAction>
      </bce:overflowWhenClosed>
      <bce:incomingNumberPresentation>CALLER
      </bce:incomingNumberPresentation>
      <bce:UpAutoAttendantMenuItemType>
        <bce:key>1</bce:key>
        <bce:keyPressedAction>
          <bce:MenuAction>REPEAT_ANNOUNCEMENT</bce:MenuAction>
        </bce:keyPressedAction>
      </bce:UpAutoAttendantMenuItemType>
      <bce:timeOutAction>
        <bce:MenuAction>REPEAT_ANNOUNCEMENT</bce:MenuAction>
      </bce:timeOutAction>
      <bce:wrongSelectionAction>
        <bce:MenuAction>FORWARD_TO_VOICE_MAIL</bce:MenuAction>
      </bce:wrongSelectionAction>
    </bce:getAutoAttendantResponse>
  </MOAttributes>
</GetResponse>

```

Example 17 Getting an Auto Attendant





6 Audio Conference

6.1 Creating an Audio Conference

This section describes how to create an Audio Conference.

MOType

AudioConference@http://schemas.ericsson.com/ma/bce

6.1.1 Request Data

MOId

Table 28 MOID Parameters of Creating an Audio Conference

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
objectId	The ID of the Audio Conference String minLength value="1" maxLength value="20"	Mandatory	object

MOAttributes

Table 29 MOAttributes of Creating an Audio Conference

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
objectId	The ID of the Audio Conference String minLength value="1" maxLength value="20"	Mandatory	object
sipAddress	The complex type of the address	Mandatory	Both tel and sipuri addresses must be defined for this MO.
SipUri	The URI address String	Mandatory	sip:22088113@tcv.ics.se or tel:+8612323456783
Type	The type of the sipAddress String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Mandatory	PUBLIC_ID
Default	Indicates whether the sipAddress is default or not. Boolean value="true" or "false"	Mandatory	true
bagNumbers	Sub-MO This sub-MO only supports some customers.	Optional	
mobileNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])**"	Optional	13800138000



Parameter	Type	Occurrence	Example
fixedNumber	The fixed number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	60614197
clipNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	6061
shortNumber	The short number String pattern value="[0-9]{2,5}"	Optional	24197
name	The name of the Audio Conference String minLength value="1" maxLength value="100"	Mandatory	audio_conference
description	The description of the Audio Conference String minLength value="1" maxLength value="100"	Optional	Test the description
open	The status of the Audio Conference String enumeration value="OPEN" enumeration value="CLOSED" enumeration value="SCHEDULE"	Optional	OPEN
overflowWhenClosed	Sub-MO	Optional	
playAnnouncement	Indicates whether to play the announcement or not. Boolean value="true" or "false"	Optional	true



Parameter	Type	Occurrence	Example
overflowAction	Sub-MO Configure either of the following two parameters, otherwise an error can occur.	Optional	
forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
pinCodeLength	The length of the pincode Int	Mandatory	8

6.1.2

Example

An example for creating an Audio Conference is as follows:



```

Request:
<cai3:Create>
  <cai3:MOType>AudioConference@http://schemas.ericsson.com/ma/bce/
</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:objectId>${Properties#objectId}</bce:objectId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:createAudioConference serviceProviderId="${Properties#ProviderId}"
      companyId="${Properties#CompanyId_1}" objectId="${Properties#objectId}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:objectId>${Properties#objectId}</bce:objectId>
      <!--0 to 10 repetitions:-->
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:24088111@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>tel:+24088111</bce:SipUri>
        <bce:Type>FIXED</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>84198</bce:shortNumber>
      <bce:name>audio_conference</bce:name>
      <bce:description>Test the description</bce:description>
      <bce:open>OPEN</bce:open>
      <bce:overflowWhenClosed>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <!--You have a CHOICE of the next 2 items at this level-->
          <!--bce:forwardToAddress>To_voice_email</bce:forwardToAddress-->
          <bce:overflowOption>FORWARD_TO_VOICEMAIL
            </bce:overflowOption>
          </bce:overflowAction>
        </bce:overflowWhenClosed>
        <bce:pinCodeLength>8</bce:pinCodeLength>
      </bce:overflowWhenClosed>
    </bce:createAudioConference>
  </cai3:MOAttributes>
</cai3:Create>

```

Example 18 Creating an Audio Conference

6.2 Deleting an Audio Conference

This section describes how to delete an Audio Conference.

MOType

AudioConference@http://schemas.ericsson.com/ma/bce

6.2.1 Request Data

MOId

**Table 30** *MOID Parameters of Deleting an Audio Conference*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
objectId	The ID of the Audio Conference String minLength value="1" maxLength value="20"	Mandatory	object

6.2.2

Example

An example for deleting an Audio Conference is as follows:

```
Request:
<cai3:Delete>
  <cai3:MOType>AudioConference@http://schemas.ericsson.com/ma/bce/
</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:objectId>${Properties#objectId}</bce:objectId>
  </cai3:MOId>
</cai3:Delete>
```

Example 19 *Deleting an Audio Conference*

6.3

Setting an Audio Conference

This section describes how to set an Audio Conference.

MOType

AudioConference@http://schemas.ericsson.com/ma/bce

6.3.1

Request Data

MOId



Table 31 *MOID Parameters of Setting an Audio Conference*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
objectId	The ID of the Audio Conference String minLength value="1" maxLength value="20"	Mandatory	object

MOAttributes

Table 32 *MOAttributes of Setting an Audio Conference*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
objectId	The ID of the Audio Conference String minLength value="1" maxLength value="20"	Mandatory	object
sipAddress	The complex type of the address	Mandatory	Both tel and sipuri addresses must be defined for this MO.
SipUri	The URI address String	Mandatory	sip:22088113@tcv.ics.se or tel:+8612323456783



Parameter	Type	Occurrence	Example
Type	The type of the sipAddress String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Mandatory	PUBLIC_ID
Default	Indicates whether the sipAddress is default or not. Boolean value="true" or "false"	Mandatory	true
bagNumbers	Sub-MO This sub-MO only supports some customers.	Optional	
mobileNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	13800138000
fixedNumber	The fixed number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	60614197
clipNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	6061
shortNumber	The short number String pattern value="[0-9]{2,5}"	Optional	24197



Parameter	Type	Occurrence	Example
name	The name of the Audio Conference String minLength value="1" maxLength value="100"	Mandatory	audio_conference
description	The description of the Audio Conference String minLength value="1" maxLength value="100"	Optional	Test the description
open	The status of the Audio Conference String enumeration value="OPEN" enumeration value="CLOSED" enumeration value="SCHEDULE"	Optional	OPEN
overflowWhenClosed	Sub-MO	Optional	
playAnnouncement	Indicates whether to play the announcement or not. Boolean value="true" or "false"	Optional	true
overflowAction	Sub-MO Configure either of the following two parameters, otherwise an error can occur.	Optional	
forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
pinCodeLength	The length of the pincode Int	Optional	8

6.3.2 Example

An example for setting an Audio Conference is as follows:



```
Request:
<cai3:Set>
  <cai3:MOType>AudioConference@http://schemas.ericsson.com/ma/bce/
</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:objectId>${Properties#objectId}</bce:objectId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:setAudioConference serviceProviderId="${Properties#ProviderId}"
      companyId="${Properties#CompanyId_1}" objectId="${Properties#objectId}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:objectId>${Properties#objectId}</bce:objectId>
      <bce:overflowWhenClosed>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <!--You have a CHOICE of the next 2 items at this level-->
          <!--bce:forwardToAddress>To_voice_email</bce:forwardToAddress-->
          <bce:overflowOption>FORWARD_TO_VOICEEMAIL
          </bce:overflowOption>
        </bce:overflowAction>
      </bce:overflowWhenClosed>
      <bce:pinCodeLength>9</bce:pinCodeLength>
    </bce:setAudioConference>
  </cai3:MOAttributes>
</cai3:Set>
```

Example 20 Setting an Audio Conference

6.4 Getting an Audio Conference

This section describes how to get an Audio Conference.

MOType

AudioConference@http://schemas.ericsson.com/ma/bce

6.4.1 Request Data

MOId

Table 33 MOID Parameters of Getting an Audio Conference

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
objectId	The ID of the Audio Conference String minLength value="1" maxLength value="20"	Mandatory	object

6.4.2 Response Data

For the parameter details of the `Get` response operation, refer to Table 29.

6.4.3 Example

An example for getting an Audio Conference is as follows:



```
Request:
<cai3:Get>
  <cai3:MOType>AudioConference@http://schemas.ericsson.com/ma/bce/
</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:objectId>${Properties#objectId}</bce:objectId>
  </cai3:MOId>
</cai3:Get>

Response:
<GetResponse xmlns="http://schemas.ericsson.com/cai3g1.2/">
  <MOAttributes>
    <bce:getAudioConferenceResponse companyId="ema_139"
      objectId="audio_object" serviceProviderId="sp-tcv"
      xmlns:bce="http://schemas.ericsson.com/ma/bce/">
      <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
      <bce:companyId>ema_139</bce:companyId>
      <bce:objectId>audio_object</bce:objectId>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>tel:+24088111</bce:SipUri>
        <bce:Type>FIXED</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:24088111@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>84198</bce:shortNumber>
      <bce:name>audio_conference</bce:name>
      <bce:description>Test the description</bce:description>
      <bce:open>OPEN</bce:open>
      <bce:overflowWhenClosed>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <bce:overflowOption>FORWARD_TO_VOICEMAIL
          </bce:overflowOption>
        </bce:overflowAction>
      </bce:overflowWhenClosed>
      <bce:pinCodeLength>9</bce:pinCodeLength>
    </bce:getAudioConferenceResponse>
  </MOAttributes>
</GetResponse>
```

Example 21 *Getting an Audio Conference*



7 Call Distribution Group

7.1 Creating a Call Distribution Group

This section describes how to create a Call Distribution Group.

MOType

CallDistributionGroup@http://schemas.ericsson.com/ma/bce

7.1.1 Request Data

MOId

Table 34 MOID Parameters of Creating a Call Distribution Group

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
cdgId	The ID of the Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	CallDistributionGroup

MOAttributes

Table 35 MOAttributes of Creating a Call Distribution Group

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
cdgId	The ID of the Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	CallDistributionGroup
sipAddress	The complex type of the address	Mandatory	
sipUri	The URI address String	Mandatory	sip:22088113@tcv.ics.se or tel:22088113
Type	The type of the sipAddress String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Mandatory	PUBLIC_ID
Default	Indicates whether the sipAddress is default or not. Boolean value="true" or "false"	Mandatory	true
bagNumbers	Sub-MO This sub-MO only supports some customers.	Optional	
mobileNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	13800138000



Parameter	Type	Occurrence	Example
fixedNumber	The fixed number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	60614197
clipNumber	The calling line identification presentation number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])*"	Optional	6061
shortNumber	The short number String pattern value="[0-9]{2,5}"	Optional	24197
name	The name of the Call Distribution Group String minLength value="1" maxLength value="100"	Mandatory	call_distribution_group
description	The description of the Call Distribution Group String maxLength value="255"	Optional	Test the description
maxConcurrentAttempts	The maximum number of concurrent attempts Int minInclusive value="1" maxInclusive value="9"	Optional	9
concurrentAttempts	The number of concurrent attempts Int	Optional	1
clericalTimeOut	The idle time after a call is disconnected and before a new call is accepted. Int minInclusive value="0" maxInclusive value="300"	Optional	300



Parameter	Type	Occurrence	Example
noAnswerTimeOut	Sub-MO Configure either of the following parameters, otherwise an error can occur.	Optional	
TimeOut	The maximum length of time the phone can ring Int minInclusive value="0" maxInclusive value="300"	Optional	300
CompanyDefault	Indicates whether the value is as same as the default value of the Company. Boolean	Optional	true
maxQueueSize	The maximum size of the queue Int minInclusive value="0" maxInclusive value="20"	Optional	20
maxTimeInQueue	The maximum duration an item can be kept in queue Int minInclusive value="60" maxInclusive value="1800"	Optional	1800
cdgOpen	Indicates the status of the Call Distribution Group. String enumeration value="OPEN" enumeration value="CLOSED" enumeration value="SCHEDULE"	Optional	OPEN
playWelcomeAnnouncement	Indicates whether to play the welcome announcement or not. Boolean	Optional	true
playQueueAnnouncement	Indicates whether to play the queue announcement or not. Boolean	Optional	true
overflowWhenClosed	Sub-MO	Optional	



Parameter		Type	Occurrence	Example
	playAnnouncement	Indicates whether to play the announcement or not.	Optional	true
	overflowAction	Sub-MO	Optional	
	forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
	overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
	overflowWhenNoAgents	Sub-MO	Optional	
	playAnnouncement	Indicates whether to play the announcement or not. Boolean	Optional	true
	overflowAction	Sub-MO	Optional	
	forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
	overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
	overflowWhenClosed	Sub-MO	Optional	
	playAnnouncement	Indicates whether to play the announcement or not. Boolean	Optional	true
	overflowAction	Sub-MO	Optional	
	forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
	overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL



Parameter	Type	Occurrence	Example
voiceMailAddress	The voice mail address String	Optional	sip:test@ericsson.com
incomingNumberPresentation	The incoming caller display String enumeration value="CALLER" enumeration value="SERVICE_ADDRESS"	Optional	CALLER
outgoingNumberPresentation	The outgoing caller display String enumeration value="CALLER" enumeration value="SERVICE_ADDRESS"	Optional	SERVICE_ADDRESS
agents	Sub-MO	Optional	
operation	The type of the operation String enumeration value="DELETE"	Optional	DELETE
userId	The user ID String minLength value="1" maxLength value="20"	Optional	22088113
loggedIn	Indicates whether the user is logged in or not. Boolean	Optional	true
prio	Priority order Int minInclusive value="1" maxInclusive value="20"	Optional	3
announcements	Sub-MO	Optional	
operation	The operation on the announcement String enumeration value="DELETE"	Optional	DELETE
announcementName	The name of the announcement String	Optional	announcementName
companyId	Sub-MO	Optional	



Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Optional	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Optional	eda_1
fileId	The ID of the file Long	Optional	54321
anonymousCallRejection	The switch of the anonymous call rejection function String enumeration value="ON" enumeration value="OFF" enumeration value="UNSET"	Optional	ON

7.1.2

Example

An example for creating a Call Distribution Group is as follows:

```
Request:
<cai3:Create>
  <cai3:MOType>CallDistributionGroup@http://schemas.ericsson.com/ma/bce/
</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:cdgId>${Properties#cdgId}</bce:cdgId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:createCDG serviceProviderId="${Properties#ProviderId}"
      companyId="${Properties#CompanyId_1}" cdgId="${Properties#cdgId}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:cdgId>${Properties#cdgId}</bce:cdgId>
      <!--0 to 10 repetitions:-->
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:276565112@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>94198</bce:shortNumber>
      <bce:name>call_distribution_group</bce:name>
      <bce:description>Test the description</bce:description>
      <bce:maxConcurrentAttempts>9</bce:maxConcurrentAttempts>
      <bce:concurrentAttempts>1</bce:concurrentAttempts>
      <bce:clericalTimeOut>300</bce:clericalTimeOut>
      <bce:noAnswerTimeOut>
        <!--You have a CHOICE of the next 2 items at this level-->
        <bce:TimeOut>300</bce:TimeOut>
        <!--bce:CompanyDefault>true</bce:CompanyDefault-->
      </bce:noAnswerTimeOut>
    </bce:createCDG>
  </cai3:MOAttributes>
</cai3:Create>
```



```

<bce:maxQueueSize>20</bce:maxQueueSize>
<bce:maxTimeInQueue>1800</bce:maxTimeInQueue>
<bce:cdgOpen>OPEN</bce:cdgOpen>
<bce:playWelcomeAnnouncement>true</bce:playWelcomeAnnouncement>
<bce:playQueueAnnouncement>true</bce:playQueueAnnouncement>
<bce:overflowWhenBusy>
  <bce:playAnnouncement>true</bce:playAnnouncement>
  <bce:overflowAction>
    <!--You have a CHOICE of the next 2 items at this level-->
    <!--bce:forwardToAddress>to_voice_mail</bce:forwardToAddress-->
    <bce:overflowOption>FORWARD_TO_VOICEMAIL
    </bce:overflowOption>
  </bce:overflowAction>
</bce:overflowWhenBusy>
<bce:overflowWhenNoAgents>
  <bce:playAnnouncement>true</bce:playAnnouncement>
  <bce:overflowAction>
    <!--You have a CHOICE of the next 2 items at this level-->
    <!--bce:forwardToAddress>to_voice_mail</bce:forwardToAddress-->
    <bce:overflowOption>HANGUP</bce:overflowOption>
  </bce:overflowAction>
</bce:overflowWhenNoAgents>
<bce:overflowWhenClosed>
  <bce:playAnnouncement>true</bce:playAnnouncement>
  <bce:overflowAction>
    <!--You have a CHOICE of the next 2 items at this level-->
    <!--bce:forwardToAddress>forward_to_address
    </bce:forwardToAddress-->
    <bce:overflowOption>HANGUP</bce:overflowOption>
  </bce:overflowAction>
</bce:overflowWhenClosed>
<bce:voiceMailAddress>sip:test@ericsson.com</bce:voiceMailAddress>
<bce:incomingNumberPresentation>CALLER
</bce:incomingNumberPresentation>
<bce:outgoingNumberPresentation>SERVICE_ADDRESS
</bce:outgoingNumberPresentation>
<!--Zero or more repetitions:-->
<bce:agents>
  <bce:operation>DELETE</bce:operation>
  <bce:userId>${Properties#User_1}</bce:userId>
  <bce:loggedIn>true</bce:loggedIn>
  <bce:prio>1</bce:prio>
</bce:agents>
<bce:announcements>
  <bce:operation>DELETE</bce:operation>
  <bce:announcementName>CDG_WELCOME
  </bce:announcementName>
  <bce:companyId>
    <bce:serviceProviderId>${Properties#ProviderId}
    </bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
  </bce:companyId>
  <bce:fileId>54321</bce:fileId>
</bce:announcements>
  <bce:anonymousCallRejection>ON</bce:anonymousCallRejection>
</bce:createCDG>
</cai3:MOAttributes>
</cai3:Create>

```

Example 22 Creating a Call Distribution Group

7.2

Deleting a Call Distribution Group

This section describes how to delete a Call Distribution Group.

MOType

CallDistributionGroup@http://schemas.ericsson.com/ma/bce



7.2.1 Request Data

MOId

Table 36 MOID Parameters of Deleting a Call Distribution Group

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
cdgId	The ID of the Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	CallDistributionGroup

7.2.2 Example

An example for deleting a Call Distribution Group is as follows:

```

Request:
<cai3:Delete>
  <cai3:MOType>CallDistributionGroup@http://schemas.ericsson.com/ma/bce/
  </cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:cdgId>${Properties#cdgId}</bce:cdgId>
  </cai3:MOId>
</cai3:Delete>

```

Example 23 Deleting a Call Distribution Group

7.3 Setting a Call Distribution Group

This section describes how to set a Call Distribution Group.

MOType

CallDistributionGroup@http://schemas.ericsson.com/ma/bce

7.3.1 Request Data

MOId

**Table 37** *MOID Parameters of Setting a Call Distribution Group*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
cdgId	The ID of the Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	CallDistributionGroup

MOAttributes**Table 38** *MOAttributes of Setting a Call Distribution Group*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
cdgId	The ID of the Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	CallDistributionGroup
sipAddress	The complex type of the address	Optional	
SipUri	The URI address String	Optional	sip:22088113@tcv.ics. se



Parameter	Type	Occurrence	Example
Type	The type of the sipAddress String enumeration value="FIXED" enumeration value="MOBILE" enumeration value="CLIP" enumeration value="PUBLIC_ID" enumeration value="PRIVATE_ID"	Optional	PUBLIC_ID
Default	Indicates whether the sipAddress is default or not. Boolean value="true" or "false"	Optional	true
bagNumbers	Sub-MO This sub-MO only supports some customers.	Optional	
mobileNumber	The mobile number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])**"	Optional	13800138000
fixedNumber	The fixed number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])**"	Optional	60614197
clipNumber	The calling line identification presentation number String minLength value="0" maxLength value="15" pattern value="[1-9]([0-9])**"	Optional	6061
shortNumber	The short number String pattern value="[0-9]{2,5}"	Optional	24197



Parameter	Type	Occurrence	Example
name	The name of the Call Distribution Group String minLength value="1" maxLength value="100"	Mandatory	call_distribution_group
description	The description of the Call Distribution Group String maxLength value="255"	Optional	Test the description
maxConcurrentAttempts	The maximum number of concurrent attempts Int minInclusive value="1" maxInclusive value="9"	Optional	9
concurrentAttempts	The number of concurrent attempts Int	Optional	1
clericalTimeout	The idle time after a call is disconnected and before a new call is accepted. Int minInclusive value="0" maxInclusive value="300"	Optional	300
noAnswerTimeout	Sub-MO Configure either of the following parameters, otherwise an error can occur.	Optional	
TimeOut	The maximum length of time the phone can ring Int minInclusive value="0" maxInclusive value="300"	Optional	300
CompanyDefault	Indicates whether the value is as same as the default value of the Company. Boolean	Optional	true



Parameter	Type	Occurrence	Example
maxQueueSize	The maximum size of the queue Int minInclusive value="0" maxInclusive value="20"	Optional	20
maxTimeInQueue	The maximum duration an item can be kept in queue Int minInclusive value="60" maxInclusive value="1800"	Optional	1800
cdgOpen	Indicates the status of the Call Distribution Group. String enumeration value="OPEN" enumeration value="CLOSED" enumeration value="SCHEDULE"	Optional	OPEN
playWelcomeAnnouncement	Indicates whether to play the welcome announcement or not. Boolean	Optional	true
playQueueAnnouncement	Indicates whether to play the queue announcement or not. Boolean	Optional	true
overflowWhenClosed	Sub-MO	Optional	
playAnnouncement	Indicates whether to play the announcement or not.	Optional	true
overflowAction	Sub-MO	Optional	
forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICE_EMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICE_EMAIL
overflowWhenNoAgents	Sub-MO	Optional	



Parameter	Type	Occurrence	Example
playAnnouncement	Indicates whether to play the announcement or not. Boolean	Optional	true
overflowAction	Sub-MO	Optional	
forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
overflowWhenClosed	Sub-MO	Optional	
playAnnouncement	Indicates whether to play the announcement or not. Boolean	Optional	true
overflowAction	Sub-MO	Optional	
forwardToAddress	The email addresses that are forwarded to String	Optional	To_voice_email
overflowOption	The overflow option String enumeration value="FORWARD_TO_VOICEMAIL" enumeration value="HANGUP"	Optional	FORWARD_TO_VOICEMAIL
voiceMailAddress	The voice mail address String	Optional	sip:test@ericsson.com
incomingNumberPresentation	The incoming caller display String enumeration value="CALLER" enumeration value="SERVICE_ADDRESS"	Optional	CALLER
outgoingNumberPresentation	The outgoing caller display String enumeration value="CALLER" enumeration value="SERVICE_ADDRESS"	Optional	SERVICE_ADDRESS



Parameter	Type	Occurrence	Example
agents	Sub-MO	Optional	
operation	The type of the operation String enumeration value="DELETE"	Optional	DELETE
userId	The user ID String minLength value="1" maxLength value="20"	Optional	22088113
loggedIn	Indicates whether the user is logged in or not. Boolean	Optional	true
prio	Priority order Int minInclusive value="1" maxInclusive value="20"	Optional	3
announcements	Sub-MO	Optional	
operation	The operation on the announcement String enumeration value="DELETE"	Optional	DELETE
announcementName	The name of the announcement String	Optional	announcementName
companyId	Sub-MO	Optional	
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Optional	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Optional	eda_1



Parameter	Type	Occurrence	Example
fileId	The ID of the file Long	Optional	54321
anonymousCallRejection	The switch of the anonymous call rejection function String enumeration value="ON" enumeration value="OFF" enumeration value="UNSET"	Optional	ON

7.3.2

Example

An example for setting a Call Distribution Group is as follows:

```

Request:
<cai3:Set>
  <cai3:MOType>CallDistributionGroup@http://schemas.ericsson.com/ma/bce/
  </cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:cdgId>${Properties#cdgId_M}</bce:cdgId>
  </cai3:MOId>
  <cai3:MOAttributes>
    <bce:setCDG serviceProviderId="${Properties#ProviderId}"
    companyId="${Properties#CompanyId_1}"
    cdgId="${Properties#cdgId_M}">
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:cdgId>${Properties#cdgId_M}</bce:cdgId>
      <!--0 to 10 repetitions:-->
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:271865112@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>74198</bce:shortNumber>
      <bce:name>call_distribution_group</bce:name>
      <bce:description>Test the description</bce:description>
      <bce:maxConcurrentAttempts>9</bce:maxConcurrentAttempts>
      <bce:concurrentAttempts>1</bce:concurrentAttempts>
      <bce:clericalTimeOut>300</bce:clericalTimeOut>
      <bce:noAnswerTimeOut>
        <!--You have a CHOICE of the next 2 items at this level-->
        <bce:TimeOut>300</bce:TimeOut>
        <!--bce:CompanyDefault>true</bce:CompanyDefault-->
      </bce:noAnswerTimeOut>
      <bce:maxQueueSize>20</bce:maxQueueSize>
      <bce:maxTimeInQueue>1800</bce:maxTimeInQueue>
      <bce:cdgOpen>OPEN</bce:cdgOpen>
      <bce:playWelcomeAnnouncement>true</bce:playWelcomeAnnouncement>
      <bce:playQueueAnnouncement>true</bce:playQueueAnnouncement>
      <bce:overflowWhenBusy>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <!--You have a CHOICE of the next 2 items at this level-->
          <!--bce:forwardToAddress>to_voice_mail</bce:forwardToAddress-->
          <bce:overflowOption>FORWARD_TO_VOICEMAIL
          </bce:overflowOption>
        </bce:overflowAction>
      </bce:overflowWhenBusy>
    </bce:overflowWhenNoAgents>
  </cai3:MOAttributes>
</cai3:Set>

```



```

        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <!--You have a CHOICE of the next 2 items at this level-->
          <!--bce:forwardToAddress>to_voice_mail</bce:forwardToAddress-->
          <bce:overflowOption>HANGUP</bce:overflowOption>
        </bce:overflowAction>
      </bce:overflowWhenNoAgents>
    <bce:overflowWhenClosed>
      <bce:playAnnouncement>true</bce:playAnnouncement>
      <bce:overflowAction>
        <!--You have a CHOICE of the next 2 items at this level-->
        <!--bce:forwardToAddress>forward_to_address
        </bce:forwardToAddress-->
        <bce:overflowOption>HANGUP</bce:overflowOption>
      </bce:overflowAction>
    </bce:overflowWhenClosed>
    <bce:voiceMailAddress>sip:test@ericsson.com</bce:voiceMailAddress>
    <bce:incomingNumberPresentation>CALLER
  </bce:incomingNumberPresentation>
  <bce:outgoingNumberPresentation>SERVICE_ADDRESS
</bce:outgoingNumberPresentation>
<!--Zero or more repetitions:-->
<bce:agents>
  <bce:operation>DELETE</bce:operation>
  <bce:userId>${Properties#User_1}</bce:userId>
  <bce:loggedIn>true</bce:loggedIn>
  <bce:prio>1</bce:prio>
</bce:agents>
<bce:announcements>
  <bce:operation>DELETE</bce:operation>
  <bce:announcementName>CDG_WELCOME</bce:announcementName>
  <bce:companyId>
    <bce:serviceProviderId>${Properties#ProviderId}
  </bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
  </bce:companyId>
  <bce:fileId>54321</bce:fileId>
</bce:announcements>
  <bce:anonymousCallRejection>ON</bce:anonymousCallRejection>
</bce:setCDG>
</cai3:MOAttributes>
</cai3:Set>

```

Example 24 Setting a Call Distribution Group

7.4 Getting a Call Distribution Group

This section describes how to get a Call Distribution Group.

MOType

CallDistributionGroup@http://schemas.ericsson.com/ma/bce

7.4.1 Request Data

MOId

*Table 39 MOID Parameters of Getting a Call Distribution Group*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
cdgId	The ID of the Call Distribution Group String minLength value="1" maxLength value="20"	Mandatory	CallDistributionGroup

7.4.2 Response Data

For the parameter details of the `Get` response operation, refer to Table 35.

7.4.3 Example

An example for getting a Call Distribution Group is as follows:



```

Request:
<cai3:Get>
  <cai3:MOType>CallDistributionGroup@http://schemas.ericsson.com/ma/bce/
</cai3:MOType>
  <cai3:MOId>
    <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
    <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
    <bce:cdgId>${Properties#cdgId}</bce:cdgId>
  </cai3:MOId>
</cai3:Get>

Response:
<GetResponse xmlns="http://schemas.ericsson.com/cai3gl.2/">
  <MOAttributes>
    <bce:getCDGResponse cdgId="cdg" companyId="ema_1372"
      serviceProviderId="sp-tcv"
      xmlns:bce="http://schemas.ericsson.com/ma/bce/">
      <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
      <bce:companyId>ema_1372</bce:companyId>
      <bce:cdgId>cdg</bce:cdgId>
      <bce:sipAddress readOnly="false">
        <bce:SipUri>sip:22hf112@tcv.ics.se</bce:SipUri>
        <bce:Type>PUBLIC_ID</bce:Type>
        <bce:Default>true</bce:Default>
      </bce:sipAddress>
      <bce:shortNumber>94198</bce:shortNumber>
      <bce:name>call_distribution_group</bce:name>
      <bce:description>Test the description</bce:description>
      <bce:maxConcurrentAttempts>9</bce:maxConcurrentAttempts>
      <bce:concurrentAttempts>1</bce:concurrentAttempts>
      <bce:clericalTimeOut>300</bce:clericalTimeOut>
      <bce:noAnswerTimeOut>
        <bce:TimeOut>300</bce:TimeOut>
      </bce:noAnswerTimeOut>
      <bce:maxQueueSize>20</bce:maxQueueSize>
      <bce:maxTimeInQueue>1800</bce:maxTimeInQueue>
      <bce:cdgOpen>OPEN</bce:cdgOpen>
      <bce:playWelcomeAnnouncement>true</bce:playWelcomeAnnouncement>
      <bce:playQueueAnnouncement>true</bce:playQueueAnnouncement>
      <bce:overflowWhenBusy>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <bce:overflowOption>FORWARD_TO_VOICEMAIL
            </bce:overflowOption>
          </bce:overflowAction>
        </bce:overflowWhenBusy>
      <bce:overflowWhenNoAgents>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <bce:overflowOption>HANGUP</bce:overflowOption>
          </bce:overflowAction>
        </bce:overflowWhenNoAgents>
      <bce:overflowWhenClosed>
        <bce:playAnnouncement>true</bce:playAnnouncement>
        <bce:overflowAction>
          <bce:overflowOption>HANGUP</bce:overflowOption>
          </bce:overflowAction>
        </bce:overflowWhenClosed>
      <bce:voiceMailAddress>sip:test@ericsson.com</bce:voiceMailAddress>
      <bce:incomingNumberPresentation>CALLER
      </bce:incomingNumberPresentation>
      <bce:outgoingNumberPresentation>SERVICE_ADDRESS
      </bce:outgoingNumberPresentation>
      <bce:agents>
        <bce:userId>42088111</bce:userId>
        <bce:loggedIn>true</bce:loggedIn>
        <bce:prio>1</bce:prio>
      </bce:agents>
      <bce:anonymousCallRejection>ON</bce:anonymousCallRejection>
    </bce:getCDGResponse>
  </MOAttributes>
</GetResponse>

```

Example 25 Getting a Call Distribution Group





8 Call Barring Profile

8.1 Creating a Call Barring Profile

This section describes how to create a Call Barring Profile.

MOType

CallBarringProfile@http://schemas.ericsson.com/ma/bce/

8.1.1 Request Data

MOId

Table 40 MOID Parameters of Creating a Call Barring Profile

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
barringProfileId	The ID of the Call Barring Profile String minLength value="1" maxLength value="20"	Mandatory	CBPId

MOAttributes

Table 41 MOAttributes of Creating a Call Barring Profile

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
barringProfileId	The ID of the Call Barring Profile String minLength value="1" maxLength value="20"	Mandatory	CBPIId
description	The description of the Call Barring Profile String maxLength value="255"	Optional	EDA_Test
blackList	Sub-MO		
operation	The type of operation String enumeration value="ADD" enumeration value="DELETE"	Optional	ADD
callTypeStatement	The type of the statement String enumeration value="ONNET" enumeration value="DELETE"	Optional	ONNET
numRangeStatement	Sub-MO	Optional	
value	The value of number range statement String	Optional	+49*
whiteList	Sub-MO	Optional	
operation	The type of operation String enumeration value="ADD" enumeration value="DELETE"	Optional	DELETE



Parameter		Type	Occurrence	Example
	callTypeStatement	The type of the statement String enumeration value="ONNET" enumeration value="OFFNET"	Optional	OFFNET
	numRangeStatement	Sub-MO	Optional	
	value	The value of number range statement String	Optional	+49*
name		The name of the Call Barring Profile	Optional	Test_cbp

8.1.2 Example

An example for creating a Call Barring Profile is as follows:



```

Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Create>
      <cai3:MOType>
        CallBarringProfile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
        <bce:barringProfileId>${Properties#CBPIId_2}</bce:barringProfileId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:createCallBarringProfile serviceProviderId="${Properties#ProviderId}"
          companyId="${Properties#CompanyId_2}" barringProfileId="${Properties#CBPIId_2}">
          <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
          <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
          <bce:barringProfileId>${Properties#CBPIId_2}</bce:barringProfileId>
          <!--Optional:-->
          <bce:description>This profile blocks all mobile numbers except calls made to gen
          <!--Zero or more repetitions:-->
          <bce:blackList>
            <!--Optional:-->
            <bce:operation>ADD</bce:operation>
            <!--You have a CHOICE of the next 2 items at this level-->
            <bce:callTypeStatement>OFFNET</bce:callTypeStatement>
          </bce:blackList>
          <bce:blackList>
            <!--Optional:-->
            <bce:operation>ADD</bce:operation>
            <!--You have a CHOICE of the next 2 items at this level-->
            <bce:callTypeStatement>ONNET</bce:callTypeStatement>
          </bce:blackList>
          <!--Zero or more repetitions:-->
          <!--Zero or more repetitions:-->
          <bce:whiteList>
            <!--Optional:-->
            <bce:operation>ADD</bce:operation>
            <!--You have a CHOICE of the next 2 items at this level-->
            <!--Optional:-->
            <bce:numRangeStatement>
              <bce:value>+4670*</bce:value>
            </bce:numRangeStatement>
          </bce:whiteList>
          <bce:whiteList>
            <!--Optional:-->
            <bce:operation>ADD</bce:operation>
            <!--You have a CHOICE of the next 2 items at this level-->
            <!--Optional:-->
            <bce:numRangeStatement>
              <bce:value>+4680*</bce:value>
            </bce:numRangeStatement>
          </bce:whiteList>
          <!--Optional:-->
          <bce:name>${Properties#CBPIId_2}</bce:name>
        </bce:createCallBarringProfile>
      </cai3:MOAttributes>
    </cai3:Create>
  </soapenv:Body>
</soapenv:Envelope>

```

Example 26 Creating a Call Barring Profile

8.2

Deleting a Call Barring Profile

This section describes how to delete a Call Barring Profile.



MOType

CallBarringProfile@http://schemas.ericsson.com/ma/bce/

8.2.1

Request Data

MOId

Table 42 *MOID Parameters of Deleting a Call Barring Profile*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
barringProfileId	The ID of the Call Barring Profile String minLength value="1" maxLength value="20"	Mandatory	CBPIId

8.2.2

Example

An example for deleting a Call Barring Profile is as follows:

```
Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Delete>
      <cai3:MOType>
        CallBarringProfile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
        <bce:barringProfileId>${Properties#CBPIId_2}</bce:barringProfileId>
      </cai3:MOId>
    </cai3:Delete>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 27 *Deleting a Call Barring Profile*



8.3 Setting a Call Barring Profile

This section describes how to set a Call Barring Profile.

MOType

CallBarringProfile@http://schemas.ericsson.com/ma/bce/

8.3.1 Request Data

MOId

Table 43 MOID Parameters of Setting a Call Barring Profile

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
barringProfileId	The ID of the Call Barring Profile String minLength value="1" maxLength value="20"	Mandatory	CBPId

MOAttributes

Table 44 MOAttributes of Setting a Call Barring Profile

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1



Parameter	Type	Occurrence	Example
barringProfileId	The ID of the Call Barring Profile String minLength value="1" maxLength value="20"	Mandatory	CBPId
description	The description of the Call Barring Profile String maxLength value="255"	Optional	EDA_Test
blackList	Sub-MO		
operation	The type of operation String enumeration value="ADD" enumeration value="DELETE"	Optional	ADD
callTypeStatement	The type of the statement String enumeration value="ONNET" enumeration value="OFFNET"	Optional	OFFNET
numRangeStatement	Sub-MO	Optional	
value	The value of number range statement String	Optional	+49*
whiteList	Sub-MO	Optional	
operation	The type of operation String enumeration value="ADD" enumeration value="DELETE"	Optional	DELETE
callTypeStatement	The type of the statement String enumeration value="ONNET" enumeration value="OFFNET"	Optional	ONNET
numRangeStatement	Sub-MO	Optional	



Parameter	Type	Occurrence	Example
value	The value of number range statement String	Optional	+49*
name	The name of the Call Barring Profile	Optional	Test_cbp

8.3.2

Example

An example for setting a Call Barring Profile is as follows:

Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Set>
      <cai3:MOType>
        CallBarringProfile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
        <bce:barringProfileId>${Properties#CBPIId_2}</bce:barringProfileId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:setCallBarringProfile serviceProviderId="${Properties#ProviderId}"
          companyId="${Properties#CompanyId_2}" barringProfileId="${Properties#CBPIId_2}">
          <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
          <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
          <bce:barringProfileId>${Properties#CBPIId_2}</bce:barringProfileId>
          <!--Optional:-->
          <bce:description>This profile blocks all mobile numbers except calls made to ger
          <!--Zero or more repetitions:-->
          <bce:blackList>
            <!--Optional:-->
            <bce:operation>DELETE</bce:operation>
            <!--You have a CHOICE of the next 2 items at this level-->
            <!--Optional:-->
            <bce:callTypeStatement>ONNET</bce:callTypeStatement>
            <!--Optional:-->
          </bce:blackList>
          <!--Zero or more repetitions:-->
          <bce:whiteList>
            <!--Optional:-->
            <bce:operation>ADD</bce:operation>
            <!--You have a CHOICE of the next 2 items at this level-->
            <!--Optional:-->
            <bce:callTypeStatement>ONNET</bce:callTypeStatement>
          </bce:whiteList>
          <!--Optional:-->
          <bce:name>${Properties#CBPIId_2}</bce:name>
        </bce:setCallBarringProfile>
      </cai3:MOAttributes>
    </cai3:Set>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 28 Setting a Call Barring Profile



8.4 Getting a Call Barring Profile

This section describes how to get a Call Barring Profile.

MOType

CallBarringProfile@http://schemas.ericsson.com/ma/bce/

8.4.1 Request Data

MOId

Table 45 MOID Parameters of Getting a Call Barring Profile

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
barringProfileId	The ID of the Call Barring Profile String minLength value="1" maxLength value="20"	Mandatory	CBPIId

8.4.2 Response Data

For the parameter details of the Get response operation, refer to Table 41.

8.4.3 Example

An example for getting a Call Barring Profile is as follows:



```

Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Get>
      <cai3:MOType>
        CallBarringProfile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_2}</bce:companyId>
        <bce:barringProfileId>${Properties#CBPIId_2}</bce:barringProfileId>
      </cai3:MOId>
    </cai3:Get>
  </soapenv:Body>
</soapenv:Envelope>

Response:
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3g="http://schemas.ericsson.com/cai3g1.2/">
  <S:Header>
    <cai3g:SessionId>565cf75cf83e40589297ce131b5c1666</cai3g:SessionId>
  </S:Header>
  <S:Body>
    <GetResponse xmlns="http://schemas.ericsson.com/cai3g1.2/">
      <MOAttributes>
        <bce:getCallBarringProfileResponse barringProfileId="profile_2"
          companyId="ema_cbp_company2" serviceProviderId="sp-tcv"
          xmlns:bce="http://schemas.ericsson.com/ma/bce/">
          <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
          <bce:companyId>ema_cbp_company2</bce:companyId>
          <bce:barringProfileId>profile_2</bce:barringProfileId>
          <bce:description>This profile blocks all mobile numbers except
calls made to germany</bce:description>
          <bce:blackList>
            <bce:callTypeStatement>OFFNET</bce:callTypeStatement>
          </bce:blackList>
          <bce:whiteList>
            <bce:numRangeStatement>
              <bce:value>+4670*</bce:value>
            </bce:numRangeStatement>
          </bce:whiteList>
          <bce:whiteList>
            <bce:numRangeStatement>
              <bce:value>+4680*</bce:value>
            </bce:numRangeStatement>
          </bce:whiteList>
          <bce:whiteList>
            <bce:callTypeStatement>ONNET</bce:callTypeStatement>
          </bce:whiteList>
          <bce:name>profile_2</bce:name>
        </bce:getCallBarringProfileResponse>
      </MOAttributes>
    </GetResponse>
  </S:Body>
</S:Envelope>

```

Example 29 Getting a Call Barring Profile



9 Connection Profile

9.1 Creating a Connection Profile

This section describes how to create a Connection Profile.

MOType

ConnectionProfile@http://schemas.ericsson.com/ma/bce

9.1.1 Request Data

MOId

Table 46 MOID Parameters of Creating a Connection Profile

Parameter	Type	Occurrence	Example
connectionProfileId	The ID of the Connection Profile String minLength value="1" maxLength value="20"	Mandatory	connproflid

MOAttributes

Table 47 MOAttributes of Creating a Connection Profile

Parameter	Type	Occurrence	Example
connectionProfileId	The ID of the Connection Profile String minLength value="1" maxLength value="20"	Mandatory	connproflid
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Optional	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Optional	eda_1



Parameter	Type	Occurrence	Example
dbSchema	The DB schema String minLength value="1" maxLength value="100"	Optional	dbschema
directoryType	The type of directory String enumeration value="DUMMY" enumeration value="SRD" enumeration value="SQL" enumeration value="VOICE" enumeration value="BCSDIR" enumeration value="LDAP"	Optional	SQL
searchDomain	The domain of searching String minLength value="1" maxLength value="100"	Optional	domain
url	The url address String minLength value="1" maxLength value="255"	Optional	<code>http://<IP address or host name>:<port number>/<service></code>
userName	The user name String minLength value="1" maxLength value="255"	Optional	username
password	The password String minLengthvalue="6" maxLength value="255"	Optional	passwordtest
vendor	The vendor's name String minLengthvalue="1" maxLength value="100"	Optional	vendor



Parameter		Type	Occurrence	Example
schema		Sub-MO	Optional	
	fields	Sub-MO	Optional	ADD
	name	The field name String minLengthvalue="1" maxLength value="100"	Optional	Name_test



Parameter	Type	Occurrence	Example
type	The field type String enumeration value="ID" enumeration value="FIRSTNAME" enumeration value="LASTNAME" enumeration value="DISPLAYNAME" enumeration value="PHONE" enumeration value="MOBILE" enumeration value="EMAIL" enumeration value="SIPURI" enumeration value="EXTENSION" enumeration value="TITLE" enumeration value="DEPARTMENT" enumeration value="LOCATION" enumeration value="PICTURE" enumeration value="STREETADDRESS" enumeration value="ZIPCODE" enumeration value="CITY" enumeration value="REGION" enumeration value="COUNTRY" enumeration value="SKILLS" enumeration value="ROLE" enumeration value="COMPANY" enumeration value="WEBURL" enumeration value="FAX" enumeration value="UNDEFINED"	Optional	TITLE



Parameter		Type	Occurrence	Example
	searchable	Indicates whether the field can be searched or not Boolean value="true" or "false"	Optional	true



Parameter		Type	Occurrence	Example
	primaryField	Indicates whether the field is primary or not Boolean value="true" or "false"	Optional	false
	uniqueId	The field type String enumeration value="ID" enumeration value="FIRSTNAME" enumeration value="LASTNAME" enumeration value="DISPLAYNAME" enumeration value="PHONE" enumeration value="MOBILE" enumeration value="EMAIL" enumeration value="SIPURI" enumeration value="EXTENSION" enumeration value="TITLE" enumeration value="DEPARTMENT" enumeration value="LOCATION" enumeration value="PICTURE" enumeration value="STREETADDRESS" enumeration value="ZIPCODE" enumeration value="CITY" enumeration value="REGION" enumeration value="COUNTRY" enumeration value="SKILLS" enumeration value="ROLE" enumeration value="COMPANY" enumeration value="WEBURL" enumeration value="FAX" enumeration value="UNDEFINED"	Optional	COMPANY



9.1.2

Example

An example for creating a Connection Profile is as follows:

Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Create>
      <cai3:MOType>ConnectionProfile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:connectionProfileId>${Properties#connectionprofileId}
        </bce:connectionProfileId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:createConnectionProfile
          connectionProfileId="${Properties#connectionprofileId}">
          <!--Optional:-->
          <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
          <bce:connectionProfileId>${Properties#connectionprofileId}
          </bce:connectionProfileId>
          <!--Optional:-->
          <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
          <!--Optional:-->
          <!--Optional:-->
          <bce:dbSchema>dbschema</bce:dbSchema>
          <!--Optional:-->
          <bce:directoryType>LDAP</bce:directoryType>
          <!--Optional:-->
          <bce:searchDomain>CN=Users,DC=tcv,DC=ics,DC=se
          </bce:searchDomain>
          <!--Optional:-->
          <bce:url>ldap://10.80.132.46:389</bce:url>
          <!--Optional:-->
          <bce:userName>tcv\ericsson</bce:userName>
          <!--Optional:-->
          <bce:password>wwwwww111111</bce:password>
          <!--Optional:-->
          <bce:vendor>vendor</bce:vendor>
          <!--Optional:-->
          <bce:schema>
            <!--1 or more repetitions:-->
            <bce:fields>
              <bce:name>department</bce:name>
              <bce:type>DEPARTMENT</bce:type>
              <bce:searchable>true</bce:searchable>
              <bce:primaryField>true</bce:primaryField>
            </bce:fields>
            <bce:fields>
              <bce:name>mail</bce:name>
              <bce:type>EMAIL</bce:type>
              <bce:searchable>true</bce:searchable>
              <bce:primaryField>true</bce:primaryField>
            </bce:fields>
            <bce:uniqueId>DEPARTMENT</bce:uniqueId>
          </bce:schema>
        </bce:createConnectionProfile>
      </cai3:MOAttributes>
    </cai3:Create>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 30 *Creating a Connection Profile*



9.2 Deleting a Connection Profile

This section describes how to delete a Connection Profile.

MOType

ConnectionProfile@http://schemas.ericsson.com/ma/bce

9.2.1 Request Data

MOId

Table 48 MOID Parameters of Deleting a Connection Profile

Parameter	Type	Occurrence	Example
connectionProfileId	The ID of the Connection Profile String minLength value="1" maxLength value="20"	Mandatory	connproflid

MOAttributes

Table 49 MOAttributes of Deleting a Connection Profile

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Optional	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Optional	eda_1

9.2.2 Example

An example for deleting a Connection Profile is as follows:



Request :

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Delete>
      <cai3:MOType>ConnectionProfile@http://schemas.ericsson.com/ma/bce/
    </cai3:MOType>
    <cai3:MOId>
      <bce:connectionProfileId>${Properties#connectionprofileId}
    </bce:connectionProfileId>
    </cai3:MOId>
    <cai3:MOAttributes>
      <bce:deleteConnectionProfile>
        <!--Optional:-->
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <!--Optional:-->
        <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      </bce:deleteConnectionProfile>
    </cai3:MOAttributes>
    </cai3:Delete>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 31 Deleting a Connection Profile

9.3 Setting a Connection Profile

This section describes how to set a Connection Profile.

MOType

ConnectionProfile@http://schemas.ericsson.com/ma/bce

9.3.1 Request Data

MOId

Table 50 MOID Parameters of Setting a Connection Profile

Parameter	Type	Occurrence	Example
connectionProfile Id	The ID of the Connection Profile String minLength value="1" maxLength value="20"	Mandatory	connproflId

MOAttributes

**Table 51** *MOAttributes of Setting a Connection Profile*

Parameter	Type	Occurrence	Example
connectionProfileId	The ID of the Connection Profile String minLength value="1" maxLength value="20"	Mandatory	connproflId
dbSchema	The DB schema String minLength value="1" maxLength value="100"	Optional	dbschema
directoryType	The type of directory String enumeration value="DUMMY" enumeration value="SRD" enumeration value="SQL" enumeration value="VOICE" enumeration value="BCSDIR" enumeration value="LDAP"	Optional	SQL
searchDomain	The domain of searching String minLength value="1" maxLength value="100"	Optional	domain
url	The url address String minLength value="1" maxLength value="255"	Optional	http://<IP address or host name>:<port number>/<service>
userName	The user name String minLength value="1" maxLength value="255"	Optional	username



Parameter		Type	Occurrence	Example
password		The password String minLengthvalue="6" maxLength value="255"	Optional	passwordtest
vendor		The vendor's name String minLengthvalue="1" maxLength value="100"	Optional	vendor
schema		Sub-MO	Optional	
	fields	Sub-MO	Optional	ADD
	name	The field name String minLengthvalue="1" maxLength value="100"	Optional	Name_test



Parameter	Type	Occurrence	Example
type	The field type String enumeration value="ID" enumeration value="FIRSTNAME" enumeration value="LASTNAME" enumeration value="DISPLAYNAME" enumeration value="PHONE" enumeration value="MOBILE" enumeration value="EMAIL" enumeration value="SIPURI" enumeration value="EXTENSION" enumeration value="TITLE" enumeration value="DEPARTMENT" enumeration value="LOCATION" enumeration value="PICTURE" enumeration value="STREETADDRESS" enumeration value="ZIPCODE" enumeration value="CITY" enumeration value="REGION" enumeration value="COUNTRY" enumeration value="SKILLS" enumeration value="ROLE" enumeration value="COMPANY" enumeration value="WEBURL" enumeration value="FAX" enumeration value="UNDEFINED"	Optional	TITLE



Parameter		Type	Occurrence	Example
	searchable	Indicates whether the field can be searched or not Boolean value="true" or "false"	Optional	true
	primaryField	Indicates whether the field is primary or not Boolean value="true" or "false"	Optional	false



Parameter	Type	Occurrence	Example
uniqueId	The field type String enumeration value="ID" enumeration value="FIRSTNAME" enumeration value="LASTNAME" enumeration value="DISPLAYNAME" enumeration value="PHONE" enumeration value="MOBILE" enumeration value="EMAIL" enumeration value="SIPURI" enumeration value="EXTENSION" enumeration value="TITLE" enumeration value="DEPARTMENT" enumeration value="LOCATION" enumeration value="PICTURE" enumeration value="STREETADDRESS" enumeration value="ZIPCODE" enumeration value="CITY" enumeration value="REGION" enumeration value="COUNTRY" enumeration value="SKILLS" enumeration value="ROLE" enumeration value="COMPANY" enumeration value="WEBURL" enumeration value="FAX" enumeration value="UNDEFINED"	Optional	COMPANY
operation	The type of operation String enumeration value="DELETE"	Optional	DELETE



9.3.2 Example

An example for setting a Connection Profile is as follows:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Set>
      <cai3:MOType>ConnectionProfile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:connectionProfileId>${Properties#connectionprofileId}
        </bce:connectionProfileId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:setConnectionProfile connectionProfileId="${Properties#connectionprofileId}"
        <bce:connectionProfileId>${Properties#connectionprofileId}
        </bce:connectionProfileId>
        <bce:directoryType>LDAP</bce:directoryType>
        <bce:schema>
          <bce:fields>
            <bce:name>department</bce:name>
            <bce:type>DEPARTMENT</bce:type>
            <bce:searchable>true</bce:searchable>
            <bce:primaryField>true</bce:primaryField>
          </bce:fields>
          <!--1 or more repetitions:-->
          <bce:uniqueId>DEPARTMENT</bce:uniqueId>
          <!--Optional:-->
          <bce:operation>DELETE</bce:operation>
        </bce:schema>
        </bce:setConnectionProfile>
      </cai3:MOAttributes>
    </cai3:Set>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 32 Setting a Connection Profile

9.4 Getting a Connection Profile

This section describes how to get a Connection Profile.

MOType

ConnectionProfile@http://schemas.ericsson.com/ma/bce

9.4.1 Request Data

MOId

*Table 52 MOID Parameters of Getting a Connection Profile*

Parameter	Type	Occurrence	Example
connectionProfile Id	The ID of the Connection Profile String minLength value="1" maxLength value="20"	Mandatory	connproflid

9.4.2 Response Data

For the parameter details of the Get response operation, refer to Table 47.

9.4.3 Example

An example for getting a Connection Profile is as follows:



```

Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Get>
      <cai3:MOType>ConnectionProfile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:connectionProfileId>${Properties#connectionprofileId}
        </bce:connectionProfileId>
      </cai3:MOId>
    </cai3:Get>
  </soapenv:Body>
</soapenv:Envelope>

Response:
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3g="http://schemas.ericsson.com/cai3gl.2/">
  <S:Header>
    <cai3g:SessionId>d6a39407b9f7446aa02b6d0d0b1f7517</cai3g:SessionId>
  </S:Header>
  <S:Body>
    <GetResponse xmlns="http://schemas.ericsson.com/cai3gl.2/">
      <MOAttributes>
        <bce:getConnectionProfileResponse connectionProfileId="connprofidd"
          xmlns:bce="http://schemas.ericsson.com/ma/bce/">
          <bce:connectionProfileId>connprofidd</bce:connectionProfileId>
          <bce:dbSchema>dbschema</bce:dbSchema>
          <bce:directoryType>LDAP</bce:directoryType>
          <bce:searchDomain>CN=Users,DC=tcv,DC=ics,DC=se
          </bce:searchDomain>
          <bce:url>ldap://10.80.132.46:389</bce:url>
          <bce:userName>tcv\ericsson</bce:userName>
          <bce:password>wwwwww111111</bce:password>
          <bce:vendor>vendor</bce:vendor>
          <bce:schema>
            <bce:fields>
              <bce:name>mail</bce:name>
              <bce:type>EMAIL</bce:type>
              <bce:searchable>true</bce:searchable>
              <bce:primaryField>true</bce:primaryField>
            </bce:fields>
            <bce:fields>
              <bce:name>department</bce:name>
              <bce:type>DEPARTMENT</bce:type>
              <bce:searchable>true</bce:searchable>
              <bce:primaryField>true</bce:primaryField>
            </bce:fields>
            <bce:uniqueId>DEPARTMENT</bce:uniqueId>
          </bce:schema>
        </bce:getConnectionProfileResponse>
      </MOAttributes>
    </GetResponse>
  </S:Body>
</S:Envelope>

```

Example 33 Getting a Connection Profile





10 BCE File

10.1 Deleting a BCE File

This section describes how to delete a BCE File.

MOType

File@http://schemas.ericsson.com/ma/bce/

10.1.1 Request Data

MOId

Table 53 MOID Parameters of Deleting a BCE File

Parameter	Type	Occurrence	Example
fileId	The ID of the BCE file Long	Mandatory	123456789

10.1.2 Example

An example for deleting a BCE File is as follows:

```
Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Delete>
      <cai3:MOType>File@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
      <cai3:MOId>
        <bce:fileId>2109</bce:fileId>
      </cai3:MOId>
    </cai3:Delete>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 34 Deleting a BCE File

10.2 Setting a BCE File

This section describes how to set a BCE File.

MOType

File@http://schemas.ericsson.com/ma/bce/



10.2.1 Request Data

MOId

Table 54 MOID Parameters of Setting a BCE File

Parameter	Type	Occurrence	Example
fileId	The ID of the BCE file Long	Mandatory	123456789

MOAttributes

Table 55 MOAttributes of Setting a BCE File

Parameter	Type	Occurrence	Example
fileId	The ID of the BCE file Long	Mandatory	123456789
fileData	The file data String	Optional	File_data
metaData	Sub-MO	Optional	
name	The name of the meta data String	Optional	CDG_WELCOME
extension	The extension of the meta data String	Optional	wav
Description	The description of the meta data String	Optional	CDG_WELCOME
language	The language of the meta data String	Optional	SE

10.2.2 Example

An example for setting a BCE File is as follows:

```
Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Set>
      <cai3:MOType>File@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
      <cai3:MOId>
        <bce:fileId>2109</bce:fileId>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:setFile fileId="2109">
          <!--Optional:-->
          <bce:fileId>2109</bce:fileId>
          <!--Optional:-->
          <bce:fileData>UklGRiR5AABXQVZFZm10IBIAAAAGAAEAB8AAEafAAABAAgAAA
BmYWN0BAAAAPJ4AABkYXRh8ngAANXVVVVVVVVVFRVVFVUVVRUVVRUVVRVFRVVFVUVFVUVVVVVVRV
VVV1VXVVdVV1VXVVdVV1dXV1dXV1dTV1NXU1NXU1dXU1NXV1dXV1dXV1dXV1VXV1VXVVVVVVVV
VFRUVFRUVFRUVFRXVFRUVFRUVFRUVVVVVVVVdXVdXV1dVV1VXV1dXV1dXV1dXV1dVV1VX
...

VVVFVVVVVVVVVVVVVVVVVVVVVVVVVVVVVFVUVVRVVVRVVFVUVFVUVVVVVVVVVVV1VXVVdVV1dVV1V
XVVdVV1dVV1VXVVdVV1VXV1VXVVdXVVdXVVdXV1dVV1VXV1dVV1dXV1VXV1dVV1VXV1VXVVdVV1VXV1
VXVVdVV1VXVVdXV1dXV1dXV1dXV1dXVVdVV1VXVVdXV1dXVVdXV1dXV1dXV1dXV1dXV1dXV1dXV1dXV1dXV
VdVV1VXV1dXVdVV</bce:fileData>
  <!--Optional:-->
  <bce:metaData>
    <!--Optional:-->
    <bce:name>CDG_WELCOME_EMA_Test_update</bce:name>
    <!--Optional:-->
    <bce:description>CDG_WELCOME_EMA_Test_update</bce:description>
    <!--Optional:-->
    <bce:language>SE</bce:language>
  </bce:metaData>
  </bce:setFile>
</cai3:MOAttributes>
</cai3:Set>
</soapenv:Body>
</soapenv:Envelope>
```

Example 35 Setting a BCE File

10.3 Getting a BCE File

This section describes how to get a BCE File.

MOType

File@http://schemas.ericsson.com/ma/bce/

10.3.1 Request Data

MOId

Table 56 MOID Parameters of Getting a BCE File

Parameter	Type	Occurrence	Example
fileId	The ID of the BCE file Long	Mandatory	123456789

**MOAttributes***Table 57 MOAttributes of Getting a BCE File*

Parameter	Type	Occurrence	Example
fileId	The ID of the BCE file Long	Mandatory	1234
fileDescriptors	Sub-MO	Optional	
externalUrl	The external url of the file	Optional	http://10.80.132.76:38080/services/files/UwHaH6tJKypeYY1IEVWja0WAcKXoAXgzM7m2fUrVbyEsHQ8xBFAGAwixvM4vURYI
fileSize	The file size	Optional	
id	The ID of the BCE file Long	Optional	1234
internalUrl	The internal url of the file	Optional	http://10.80.132.76:38080/services/files/UwHaH6tJKypeYY1IEVWja0WAcKXoAXgzM7m2fUrVbyEsHQ8xBFAGAwixvM4vURYI
metaData		Optional	
name	The name of the meta data String	Optional	CDG_WELCOME
extension	The extension of the meta data String	Optional	wav
Description	The description of the meta data String	Optional	CDG_WELCOME
language	The language of the meta data String	Optional	SE
mimeType	The Multipurpose Internet Mail Extensions (MIME) type of the Company file String	Optional	audio/wav
uniqueHash	The unique Hash of the file	Optional	UwHaH6tJKypeYY1IEVWja0WAcKXoAXgzM7m2fUrVbyEsHQ8xBFAGAwixvM4vURYI
fileData	The data of the BCE file String	Optional	File_data



10.3.2 Example

An example for getting a BCE File is as follows:

```

Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>9551333b5aee417d8deb258fdea7f91b</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Get>
      <cai3:MOType>File@http://schemas.ericsson.com/ma/bce/</cai3:MOType>
      <cai3:MOId>
        <bce:fileId>2109</bce:fileId>
      </cai3:MOId>
    </cai3:Get>
  </soapenv:Body>
</soapenv:Envelope>

Response:
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3g="http://schemas.ericsson.com/cai3g1.2/">
  <S:Header>
    <cai3g:SessionId>9551333b5aee417d8deb258fdea7f91b</cai3g:SessionId>
  </S:Header>
  <S:Body>
    <GetResponse xmlns="http://schemas.ericsson.com/cai3g1.2/">
      <MOAttributes>
        <bce:getFileResponse fileId="2109"
          xmlns:bce="http://schemas.ericsson.com/ma/bce/">
          <bce:fileId>2109</bce:fileId>
          <bce:fileDescriptors>
            <bce:externalUrl>
http://10.80.132.76:38080/services/files/qgD7ioL7n6XInkuB5nwnslv
tiXV9YBhlzBYk-0UcvOMT6_geVoks6I7kHsj_xvhW
            </bce:externalUrl>
            <bce:fileSize>24120</bce:fileSize>
            <bce:id>2109</bce:id>
            <bce:internalUrl>
http://10.80.132.76:38080/services/files/qgD7ioL7n6XInkuB5nwnslv
tiXV9YBhlzBYk-0UcvOMT6_geVoks6I7kHsj_xvhW
            </bce:internalUrl>
            <bce:metaData>
              <bce:name>CDG_WELCOME_EMA_Test</bce:name>
              <bce:extension>wav</bce:extension>
              <bce:description>CDG_WELCOME_EMA_Test</bce:description>
              <bce:language>EN</bce:language>
            </bce:metaData>
            <bce:mimeType>audio/wav</bce:mimeType>
            <bce:uniqueHash>qgD7ioL7n6XInkuB5nwnslvtiXV9YBh
1zBYk-0UcvOMT6_geVoks6I7kHsj_xvhW</bce:uniqueHash>
            </bce:fileDescriptors>
            <bce:fileData>UklGRjBeAABXQVZFZm10IBIAAAAGAAEAQB8AAEAfAAABAA
gAAABmYWN0BAAAP5dAABkYXRh/10AANXVldXVldXVvdXVlNXU1NTVlNXVldV1VXV1VXVldVVV
VVVVVVV1VXV1VXV1VFRXVFDUVRXVFPdXVldXVldXVFRUVldXVldUVRUVFPdUVRUVFRUV1RXV1RX
VFRUVFduVFRUVV1dV1V1VXV1NTVldXVldXU1NTX19fX19bW1tbR0dDRONHQ0dR0NDT09PT09D
QONDQ0NDT0NDQ0NDQ0dHR0dHW0dHW1tfW19fW1nfU1NTVldV1V1VVUVFRUV1RXVFPdXVldZRV1FWUVZR
...
          </bce:getFileResponse>
        </MOAttributes>
      </GetResponse>
    </S:Body>
  </S:Envelope>

```

Example 36 Getting a BCE File

11 Company File

11.1 Creating a Company File

This section describes how to create a Company file.

MOType

CompanyFile@http://schemas.ericsson.com/ma/bce/

11.1.1 Request Data

MOId

Table 58 MOID Parameters of Creating a Company File

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
mediaType	The media type of the Company file String enumeration value="PICTURE" enumeration value="AUDIO"	Mandatory	PICTURE

MOAttributes

Table 59 MOAttributes of Creating a Company File

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv



Parameter	Type	Occurrence	Example
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
mediaType	The media type of the Company file String enumeration value="PICTURE" enumeration value="AUDIO"	Mandatory	PICTURE
mimeType	The Multipurpose Internet Mail Extensions (MIME) type of the Company file String	Optional	MIME
metaData	Sub-MO	Optional	
name	The name of the meta data String	Optional	CDG_WELCOME
extension	The extension of the meta data String	Optional	wav
Description	The description of the meta data String	Optional	CDG_WELCOME
language	The language of the meta data String	Optional	EN
data	The data of the Company file String	Optional	filedata

11.1.2

Example

An example for Creating a Company file is as follows:



```

Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Create>
      <cai3:MOType>CompanyFile@http://schemas.ericsson.com/ma/bce/
      </cai3:MOType>
      <cai3:MOId>
        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
        <bce:mediaType>AUDIO</bce:mediaType>
      </cai3:MOId>
      <cai3:MOAttributes>
        <bce:createCompanyFile serviceProviderId="${Properties#ProviderId}"
        companyId="${Properties#CompanyId_1}" mediaType="AUDIO">
          <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
          <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
          <bce:mediaType>AUDIO</bce:mediaType>
          <!--Optional:-->
          <bce:mimeType>audio/wav</bce:mimeType>
          <!--Optional:-->
          <bce:metaData>
            <!--Optional:-->
            <bce:name>CDG_WELCOME_EMA_Test</bce:name>
            <!--Optional:-->
            <bce:extension>wav</bce:extension>
            <!--Optional:-->
            <bce:description>CDG_WELCOME_EMA_Test</bce:description>
            <!--Optional:-->
            <bce:language>CN</bce:language>
          </bce:metaData>
          <!--Optional:-->
          <bce:data>UklGRjBeAABXQVZFZm10IBIAAAGAAEAQOB8AAEAfAAABAaGAAABmY
WN0BAAAAP5dAABkYXRh/10AANXVldXVldXVldXVlNXU1NTVlNXVldVVlVXVlVXVldVVVVVVVVVVlVX
VVVVVFRXVFRXVFRXVFRXVldXVldXVFRUVldXVldXVFRUVldXVldXVFRUVFRUVFRUVlRXVlRXVFRUVFRUV
VVVldVVlVXVlNTVldXVldXU1NTXl9fXl9bW1tbr0DR0NHQ0DR0NDT09PT09DQ0NDQ0NDT0NDQ0NDQ0
...

UldTUldTU1NTU1NTU1NTU1NTU1NTXlNTUldTVldXVlVXVlVXVlVXVVVVVVVVVFRUVFRUVlRUVlRXVlRXVl
dXVlZXVlZWVldWVldWVldXVldXVlRUVFRUVFRUVFRUVFRUVFRUVFRUVFRUVFRUVFRUVFRUVFRUVFRUV
NTVlNTUldTVlNTVlNTU1NTU1NTU1NTU19TU19XV</bce:data>
  </bce:createCompanyFile>
</cai3:MOAttributes>
</cai3:Create>
</soapenv:Body>
</soapenv:Envelope>

```

Example 37 Creating a Company File

11.2 Deleting a Company File

This section describes how to delete a Company File.

MOType

CompanyFile@http://schemas.ericsson.com/ma/bce/

11.2.1 Request Data

Mold

**Table 60** *MOID Parameters of Deleting a Company File*

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
mediaType	The media type of the Company file String enumeration value="PICTURE" enumeration value="AUDIO"	Mandatory	PICTURE

11.2.2

Example

An example for deleting a Company File is as follows:

```
Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3gl.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Delete>
      <cai3:MOType>CompanyFile@http://schemas.ericsson.com/ma/bce/
    </cai3:MOType>
    <cai3:MOId>
      <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
      <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
      <bce:mediaType>AUDIO</bce:mediaType>
    </cai3:MOId>
    </cai3:Delete>
  </soapenv:Body>
</soapenv:Envelope>
```

Example 38 *Deleting a Company File*

11.3

Getting a Company File

This section describes how to get a Company File.

MOType

CompanyFile@http://schemas.ericsson.com/ma/bce/



11.3.1

Request Data

MOId

Table 61 MOID Parameters of Getting a Company File

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
mediaType	The media type of the Company file String enumeration value="PICTURE" enumeration value="AUDIO"	Mandatory	PICTURE

MOAttributes

Table 62 MOAttributes of Getting a Company File Response

Parameter	Type	Occurrence	Example
serviceProviderId	The service Provider ID String minLength value="1" maxLength value="20"	Mandatory	sp-tcv
companyId	The ID of the Company String minLength value="1" maxLength value="20"	Mandatory	eda_1
mediaType	The media type of the Company file String enumeration value="PICTURE" enumeration value="AUDIO"	Mandatory	PICTURE
fileDescriptors	Sub-MO	Optional	



Parameter	Type	Occurrence	Example
externalUrl	The external url of the file	Optional	http://10.80.132.76:38080/services/files/UwHaH6tJKypeYY1IEVWja0WAcKXoAXgzM7m2fUrVbyEsHQ8xBFAgAwixvM4vURYI
fileSize	The file size	Optional	
id	The ID of the BCE file Long	Optional	1234
internalUrl	The internal url of the file	Optional	http://10.80.132.76:38080/services/files/UwHaH6tJKypeYY1IEVWja0WAcKXoAXgzM7m2fUrVbyEsHQ8xBFAgAwixvM4vURY
metaData	Sub-MO	Optional	
name	The name of the meta data String	Optional	CDG_WELCOME
extension	The extension of the meta data String	Optional	wav
Description	The description of the meta data String	Optional	CDG_WELCOME
language	The language of the meta data String	Optional	SE
mimeType	The Multipurpose Internet Mail Extensions (MIME) type of the Company file String	Optional	audio/wav
uniqueHash	The unique Hash of the file	Optional	UwHaH6tJKypeYY1IEVWja0WAcKXoAXgzM7m2fUrVbyEsHQ8xBFAgAwixvM4vURYI

11.3.2

Example

An example for getting a Company file is as follows:

```

Request:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3="http://schemas.ericsson.com/cai3g1.2/"
  xmlns:bce="http://schemas.ericsson.com/ma/bce/">
  <soapenv:Header>
    <cai3:SessionId>${Properties#sessionId}</cai3:SessionId>
  </soapenv:Header>
  <soapenv:Body>
    <cai3:Get>
      <cai3:MOType>CompanyFile@http://schemas.ericsson.com/ma/bce/
    </cai3:MOType>
    <cai3:MOId>

```




```

        <bce:serviceProviderId>${Properties#ProviderId}</bce:serviceProviderId>
        <bce:companyId>${Properties#CompanyId_1}</bce:companyId>
        <bce:mediaType>AUDIO</bce:mediaType>
    </cai3:MOId>
</cai3:Get>
</soapenv:Body>
</soapenv:Envelope>

Response:
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:cai3g="http://schemas.ericsson.com/cai3g1.2/">
  <S:Header>
    <cai3g:SessionId>b55cf599066c440f8b58113461024025</cai3g:SessionId>
  </S:Header>
  <S:Body>
    <GetResponse xmlns="http://schemas.ericsson.com/cai3g1.2/">
      <MOAttributes>
        <bce:getCompanyFileResponse companyId="ema_13819170"
          mediaType="AUDIO" serviceProviderId="sp-tcv"
          xmlns:bce="http://schemas.ericsson.com/ma/bce/">
          <bce:serviceProviderId>sp-tcv</bce:serviceProviderId>
          <bce:companyId>ema_13819170</bce:companyId>
          <bce:mediaType>AUDIO</bce:mediaType>
          <bce:fileDescriptors>
            <bce:externalUrl>
http://10.80.132.76:38080/services/files/t2EXw6nVaUj22Qf8TmwLi_nzPOYHr7cifDPdLve9q67CrN8C1NY
            </bce:externalUrl>
            <bce:fileSize>23686</bce:fileSize>
            <bce:id>1839</bce:id>
            <bce:internalUrl>
http://10.80.132.76:38080/services/files/t2EXw6nVaUj22Qf8TmwLi_nzPOYHr7cifDPdLve9q67CrN8C1NY
            </bce:internalUrl>
            <bce:metaData>
              <bce:name>CDG_RINGING_EMA_Test</bce:name>
              <bce:extension>wav</bce:extension>
              <bce:description>CDG_RINGING_EMA_Test</bce:description>
              <bce:language>SE</bce:language>
            </bce:metaData>
            <bce:mimeType>audio/wav</bce:mimeType>
            <bce:uniqueHash>
t2EXw6nVaUj22Qf8TmwLi_nzPOYHr7cifDPdLve9q67CrN8C1NYbyJWATH6Dc49H
            </bce:uniqueHash>
          </bce:fileDescriptors>
          <bce:fileDescriptors>
            <bce:externalUrl>
http://10.80.132.76:38080/services/files/oJwaLhhDNKiPkeya8-sMyqb-bmlJPpxcBNr6xp9-o1UrDdWWjjh
            </bce:externalUrl>
            <bce:fileSize>24120</bce:fileSize>
            <bce:id>1838</bce:id>
            <bce:internalUrl>
http://10.80.132.76:38080/services/files/oJwaLhhDNKiPkeya8-sMyqb-bmlJPpxcBNr6xp9-o1UrDdWWjjh
            </bce:internalUrl>
            <bce:metaData>
              <bce:name>CDG_WELCOME_EMA_Test</bce:name>
              <bce:extension>wav</bce:extension>
              <bce:description>CDG_WELCOME_EMA_Test</bce:description>
              <bce:language>CN</bce:language>
            </bce:metaData>
            <bce:mimeType>audio/wav</bce:mimeType>
            <bce:uniqueHash>oJwaLhhDNKiPkeya8-sMyqb-bmlJPpxcBNr6xp9-o1UrDdWWjjhqsSW-ZO
            </bce:uniqueHash>
          </bce:fileDescriptors>
        </bce:getCompanyFileResponse>
      </MOAttributes>
    </GetResponse>
  </S:Body>
</S:Envelope>

```

Example 39 Getting a Company File





12 Error Code

Table 63 Error Code for BCE

Error Code	Error Message
37101	An active user can not be deleted.
37102	Untrusted host for UP write operation
37103	Object already exists or duplicated
37104	Object not found
37105	Host address missing
37106	Attributes format error or invalid or illegal
37107	Insufficient parameters
37108	Constraint violation
37109	Concurrent write. Please retry
37100	Feedback loop error
37111	Application error
37121	The node has existing children
37199	Other Error





Reference List

- [1] *Library Overview*, 18/1553-CSH 109 628 Uen
- [2] *Generic CAI3G Interface 1.2*, 2/15519-FAY3020003 Uen