Enterprise Provisioning Web Services Developer Guide

Istra SP Version 9.4

Contents

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1 Presentation

This document is automatically generated, it's just an API doc. We will not describe what is intraswitch or what is each entity. The aim of this document is to show the actions available for each entity.

Each subsection represents an entity of the IntraSwitch platform. In most cases you will first find a Java bean object(a simple data structure describing the entity) and then all actions available related to this entity(most of time : *create*, *delete*, *update* and *get* action.
The Java bean object is used by *get*, *create* and *update* actions.

Convention Definitions
param [type] this is an optional parameter
param* [type] this is a mandatory parameter
param [type] (20)this is an optional (default value is 20)
param [type] (values 0:internal 1:external) the accepted values are 0 or 1

The type of all parameters is exclusively String. An empty string is used to ignore the parameter and the string @NULL is used to set an empty value.Returned @NULL value means that field is null or empty

description methods

create This method always returns the bean entity created

update This method always returns the bean entity updated

delete This method returns a boolean, true if success.

get The get method returns always an object with **number** and **elements**. Number is the total number of elements in the platform and elements an array of bean representing the first elements.
There are two importants arguments in the get action, *offset* and *length*. It is used to do pagination. If we set a negative *offset* and a negative *length*, we just do a count action and we will fill only **number**. The array **elements** have for minimal size one (count action or get with numbers equal to 0).

IMPORTANT

There are two web services (Enterprise mode and EnterpriseSession mode (equivalent for routingCommunity,residential)), they do exactly the same actions. The difference is in session management. If you use Enterprise, you have to use ws-addressing in your web service client to manage session; if you use EnterpriseSession you have to pass a new parameter [wssession] in each method.

Difference between the two modes

In Enterprise mode, you have to use ws-addressing in your web service client and nothing else is required from your side

In EnterpriseSession mode:

- The login action returns an integer representing your session id (wssession).
- All methods except login have an extra mandatory argument named 'wssession' of type STRING: this is the integer you obtained from the login action.

2 Actions

2.1 Session

2.1.1 Session

Function login
Description :
This is the login method, you need to be authenticated first before taking any other actions This method can be used only if you are disconnected.
Parameters :
login* [STRING] the administrator login
password* [STRING] the administrator password
Return :
return true if login is successfull

Function logout
Description :
this is the logout method. This method can be used only if you are authenticated.
Parameters :
Return :
return true if logout is successfull

Function setContext
Description :
this method is used to work in another administrative domain This method can be used only if you are authenticated.
Parameters :
admtiveDomainName [STRING] this is the name of the administrative domain. You can fill a @NULL value to return in the login context.
Return :
return true if successfull

Function setCommunityContext
Description :
this method is used to work in a community context(administrative domain) This method can be used only if you are authenticated.
Parameters :
communityName [STRING] this is the name of the Community. You can fill a @NULLto return in the login context.
Return :
return true if successfull

Function isConnected
Description :
This method allows to check if tou are logged. This method can be used if you are connected or disconnected
Parameters :
Return :
return true if logged

2.1.2 Help

Function getHelp

<u>Description</u> :

This method is used to get information on action and bean. This method can be used only if you are authenticated.

<u>Parameters</u> :

name [STRING] a method name or a bean name

<u>Return</u> :

return text representing help available in documentation

Function getVersion

<u>Description</u> :

This method is used to get information on Intraswitch server version This method can be used only if you are authenticated.

<u>Parameters</u> :

<u>Return</u> :

return Intraswitch server version

2.2 Administrative

2.2.1 AdministrativeDomain

Object : `AdministrativeDomainBean`
`parentAdmtiveDomain` : The owner (parent) administrative domain , is null only for the top level domain (that is created directly on the DataBase). Once it has been set, it's not anymore updateable .
`type` : The domain type which defines the rights values for this AdministrativeDomain. DomainType are "Top-Level", "Service Provider", "Reseller" et "Residential Service-Provide"
`name(40)` : name of this admtive domain (Unique)

Function getAdministrativeDomain

Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] name of this admtive domain (Unique)
type [STRING] The domain type which defines the rights values for this AdministrativeDomain. Domain-Type are "Top-Level", "Service Provider", "Reseller" et "Residential Service-Provide"
parentAdmtiveDomain [STRING] The owner (parent) administrative domain , is null only for the top level domain (that is created directly on the DataBase). Once it has been set, it's not anymore updateable .
Return :
AdministrativeDomains

Function createAdministrativeDomain

Description :
create a AdministrativeDomain in the context domain. This method can be used only if you are not in an enterprise context.
Parameters :
name [STRING] name of this admtive domain (Unique)
type [STRING] The domain type which defines the rights values for this AdministrativeDomain. Domain-Type are "Top-Level", "Service Provider", "Reseller" et "Residential Service-Provide"
Return :
return AdministrativeDomainBean new element created

Function deleteAdministrativeDomain

Description :
delete a AdministrativeDomain This method can be used only if you are not in an enterprise context.
Parameters :
name [STRING] name of this admtive domain (Unique)
Return :
return true if it is successfull

Function updateAdministrativeDomain

Description :
update a AdministrativeDomain This method can be used only if you are not in an enterprise context.
Parameters :
selectedName* [STRING] AdministrativeDomain we want to modify

name [STRING] name of this admtive domain (Unique)
Return :return updated AdministrativeDomainBean element

2.2.2 Administrator

Object : `AdministratorBean`

`appMaxInactiveInterval` : Administrator information on session duration in seconds for web application, -1 means this value wont be controlled

`hasAcdStatsAccess` : means whether he can log in the ACDStats webapp

`hasCallMixesAccess` : means whether he can access to call records

`hasMyTelephonyAccess` : Give the ability to deny the access to myTelephony to an administrator

`ownerAdmtiveDomain` : The administrative domain in which this administrator is defined, never null.

`callMixesDigitMask` : set the number of masked digits in the PSTN number seen in the app (Administrator.callRecordsDigitMask)

`cdrDigitMask` : this positive integer (0 to "PSTN length") says how many ending digits are going to be masked in placed or received external PSTN numbers. This parameter is used in both CDRBrowser to hide the end of PSTN numbers.

`hasSuFunctionality` : means admin have the 'su' fonctionality to log in as an end user.

`appLanguage(30)` : Administrator information on language setting for web application

`appFirstWeekDay(9)` : Administrator information on first day of week setting for web application

`accessRightsType` : Type of rights for administrator. If not required always use standard default rights (0)

`appTimeFormat(2)` : Administrator information on time format setting for web application

`login(40)` : The login of the administrator is a field that uniquely identify this administrator on the cluster.

`hasMyReportsAccess` : means whether he can log in the myReports webapp

`lastName(20)` : LastName of this administrator.

`appDateFormat(13)` : Administrator information on date format setting for web application

`hasWebAdminAccess` : means whether he can log in the web-admin

`firstName(20)` : FirstName of this administrator.

`hasCdrAccess` : means whether he can log in the CDR webapp

Function getAdministrator

Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
login [STRING] The login of the administrator is a field that uniquely identify this administrator on the cluster.
firstName [STRING] FirstName of this administrator.
lastName [STRING] LastName of this administrator.
ownerAdmtiveDomain [STRING] The administrative domain in which this administrator is defined, never null.
Return :
Administrators

Function createAdministrator

Description :
create an Administrator in the context domain. This method can be used only if you are authenticated.
Parameters :
login* [STRING] The login of the administrator is a field that uniquely identify this administrator on the cluster.
password [STRING]

firstName [STRING] FirstName of this administrator.
lastName [STRING] LastName of this administrator.
appLanguage (en) [STRING] Administrator information on language setting for web application
appMaxInactiveInterval (1800) [NUMBER] Administrator information on session duration in seconds for web application, -1 means this value wont be controlled
appDateFormat (European) [STRING] (values :European=dd/MM/yy HH:mm, American=MM/dd/yy HH:mm, International=yy/MM/dd HH:mm,)Administrator information on date format setting for web application
appTimeFormat (24) [STRING] (values :12=12, 24=24,)Administrator information on time format setting for web application
hasCdrAccess (false) [BOOLEAN] means whether he can log in the CDR webapp **hasAcdStatsAccess (false)** [BOOLEAN] means whether he can log in the ACDStats webapp **hasWebAdminAccess (true)** [BOOLEAN] means whether he can log in the web-admin **cdrDigitMask (0)** [NUMBER] this positive integer (0 to "PSTN length") says how many ending digits are going to be masked in placed or received external PSTN numbers. This parameter is used in both CDR-Browser to hide the end of PSTN numbers.
accessRightsType (0) [NUMBER] (values :0=Standard right defined for Domain type, 1=Specific oma rights defined for ent administrator, 2=Read only rights,)Type of rights for administrator. If not required always use standard default rights (0)
hasSuFunctionality (false) [BOOLEAN] means admin have the 'su' fonctionality to log in as an end user.
hasCallMixesAccess (false) [BOOLEAN] means whether he can access to call records
callMixesDigitMask (0) [NUMBER] set the number of masked digits in the PSTN number seen in the app (Administrator.callRecordsDigitMask)
hasMyTelephonyAccess (true) [BOOLEAN] Give the ability to deny the access to myTelephony to an administrator
hasMyReportsAccess (true) [BOOLEAN] means whether he can log in the myReports webapp Return : return AdministratorBean new element created

Function deleteAdministrator
Description :
delete an Administrator This method can be used only if you are authenticated.
Parameters :
login* [STRING] The login of the administrator is a field that uniquely identify this administrator on the cluster.
Return :
return true if it is successfull

Function updateAdministrator
Description :
update an Administrator This method can be used only if you are authenticated.
Parameters :
selectedLogin* [STRING] Administrator we want to modify
login [STRING] The login of the administrator is a field that uniquely identify this administrator on the cluster.
password [STRING]
firstName [STRING] FirstName of this administrator.
lastName [STRING] LastName of this administrator.
appLanguage [STRING] Administrator information on language setting for web application
appMaxInactiveInterval [NUMBER] Administrator information on session duration in seconds for web application, -1 means this value wont be controlled
appDateFormat [STRING] (values :European=dd/MM/yy HH:mm, American=MM/dd/yy HH:mm, In-

ternational=yy/MM/dd HH:mm,)Administrator information on date format setting for web application

appTimeFormat [STRING] (values :12=12, 24=24,)Administrator information on time format setting for web application

hasCdrAccess [BOOLEAN] means whether he can log in the CDR webapp

hasAcdStatsAccess [BOOLEAN] means whether he can log in the ACDStats webapp

hasWebAdminAccess [BOOLEAN] means whether he can log in the web-admin

cdrDigitMask [NUMBER] this positive integer (0 to "PSTN length") says how many ending digits are going to be masked in placed or received external PSTN numbers. This parameter is used in both CDR-Browser to hide the end of PSTN numbers.

hasSuFunctionality [BOOLEAN] means admin have the 'su' fonctionality to log in as an end user.

hasCallMixesAccess [BOOLEAN] means whether he can access to call records

callMixesDigitMask [NUMBER] set the number of masked digits in the PSTN number seen in the app (Administrator.callRecordsDigitMask)

hasMyTelephonyAccess [BOOLEAN] Give the ability to deny the access to myTelephony to an administrator

hasMyReportsAccess [BOOLEAN] means whether he can log in the myReports webapp

<u>Return</u> :

return updated AdministratorBean element

2.3   Network

2.3.1   GroupDomain

Object : `GroupDomainBean`
`name(50)`   : The name of this group. To change this value you need to call the method
SupraMan-ager.setPBXGroupName

Function getGroupDomain

<u>Description</u> :
This method can be used only if you are in a platform owner context.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] The name of this group. To change this value you need to call the method
SupraMan-ager.setPBXGroupName
<u>Return</u> :
GroupDomains

2.3.2 Ipbx

Object : `IpbxBean`
`groupDomainName` : The group domain to which this AS is assigned.
`name(100)` : The name of this ipbx. Regex that must be match : "[A-Za-z][a-zA-Z
-0-9]*".
`mgcpPort` : The MGCP port binded by this IPBX. This data is set by the SupraManager when the IPBX is launched.
`httpPort` : The HTTP port binded by this IPBX. This data is set by the SupraManager when the IPBX is launched.
`sipPort` : The SIP port binded by this IPBX. This data is set by the SupraManager when the IPBX is launched.

Function getIpbx

Description :
This method can be used only if you are in a platform owner context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] The name of this ipbx. Regex that must be match : "[A-Za-z][a-zA-Z
-0-9]*".
groupDomainName [STRING] The group domain to which this AS is assigned.
mgcpPort [NUMBER] The MGCP port binded by this IPBX. This data is set by the SupraManager when the IPBX is launched.
sccpPort [NUMBER] The SCCP port binded by this IPBX. This data is set by the SupraManager when the IPBX is launched.
sipPort [NUMBER] The SIP port binded by this IPBX. This data is set by the SupraManager when the IPBX is launched.
httpPort [NUMBER] The HTTP port binded by this IPBX. This data is set by the SupraManager when the IPBX is launched.
Return :
Ipbxs

Function createIpbx

Description :
create a Ipbx in an enterprise. This method can be used only if you are in a platform owner context.
Parameters :
name* [STRING] The name of this ipbx. Regex that must be match : "[A-Za-z][a-zA-Z
-0-9]*".
groupDomainName [STRING] The group domain to which this AS is assigned.
Return :
return IpbxBean new element created

Function deleteIpbx

Description :
delete a Ipbx. This method can be used only if you are in a platform owner context.
Parameters :
name* [STRING] The name of this ipbx. Regex that must be match : "[A-Za-z][a-zA-Z

-0-9]*". Return : return true if it is successfull

2.3.3 Gateway

Object : `GatewayBean`

`operatorPrefix(10)` : The operatorPrefix is used to format the called number and calling-number of calls sended to this gateway. (in case we have as called number an internationally formated number in the same country-code as the gateway, we must have an operatorPrefix to complete the number in this national format)

`sipHostPort(200)` : The sipHostPort is the "host[:port][prefix][transport]" part of the SIP URI to which the SIP calls will be made. Prefix and port are optionals, but the host is mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Transport must be formated like this: ";transport=" + "TCP" || "UDP" Port is the sip port of the SIP entity to which the SIP calls will be made. This is the logical host-port set in the To/From SIP header of the SIP messages send to/from this SIP user-agent.

`acceptLogicalTerminal` : Do we allow to create LogicalTerminal on this gateway? This value on the gateway-group is computed automatically from the members of the group. (that must have all the same values)

`ocsGateway` : Is this gateway an OCS gateway. For OCS gateways, the country-code, is set to international and the host is suffixed with ";transport=tcp" to force the TCP transport mode. This value on the gateway-group is computed automatically from the members of the group. (that must have all the same values)

`contactHostPort(40)` : The contact host-port is the physical ID used to contact this SIP UserAgent, it contains the real host/port to which we will send the SIP request messages at IP level (it can be the host/port of the NAT). It can be null, in this case we use the sipHostPort for contactHostPort.

`ocsGateway(50)` : The URL for HTTP web-access on this gateway (without the prefix http://),currently used only as base URL for HTTP user web-access to Arkadin conference.

`prefix(30)` : The prefix used by the gateway.

`capacity` : The capacity of the gateway. It's only used when this gateway is part of a GatewayGroup in load-balanced mode. The load-balancing is made relatively to the capacity of the gateways that are part of this group.

`countryCode(5)` : The country-code as defined by ITU ('+' for International formating). This country-code is used to format the called number and calling-number of calls sended to this gateway.

`name(40)` :

`networkDomain` : The network domain where this SIP gateway is localized.

Function getGateway

<u>Description</u> :
This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING]
sipHostPort [STRING] The sipHostPort is the "host[:port][prefix][transport]" part of the SIP URI to which the SIP calls will be made. Prefix and port are optionals, but the host is mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Transport must be formated like this: ";transport=" + "TCP" || "UDP" Port is the sip port of the SIP entity to which the SIP calls will be made. This is the logical host-port set in the To/From SIP header of the SIP messages send to/from this SIP user-agent.
prefix [STRING] The prefix used by the gateway.
capacity [NUMBER] The capacity of the gateway. It's only used when this gateway is part of a GatewayGroup in load-balanced mode. The load-balancing is made relatively to the capacity of the gateways that

are part of this group.

acceptLogicalTerminal [BOOLEAN] Do we allow to create LogicalTerminal on this gateway? This value on the gateway-group is computed automatically from the members of the group. (that must have all the same values)

networkDomain [STRING] The network domain where this SIP gateway is localized.

countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to format the called number and calling-number of calls sended to this gateway.

operatorPrefix [STRING] The operatorPrefix is used to format the called number and calling-number of calls sended to this gateway. (in case we have as called number an internationally formated number in the same country-code as the gateway, we must have an operatorPrefix to complete the number in this national format)

contactHostPort [STRING] The contact host-port is the physical ID used to contact this SIP UserAgent, it contains the real host/port to which we will send the SIP request messages at IP level (it can be the host/port of the NAT). It can be null, in this case we use the sipHostPort for contactHostPort.

<u>Return</u> :
Gateways

Function createGateway

<u>Description</u> :
This method can be used only if you are authenticated.

<u>Parameters</u> :
name* [STRING]

sipHostPort* [STRING] The sipHostPort is the "host[:port][prefix][transport]" part of the SIP URI to which the SIP calls will be made. Prefix and port are optionals, but the host is mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Transport must be formated like this: ";transport=" + "TCP" || "UDP" Port is the sip port of the SIP entity to which the SIP calls will be made. This is the logical host-port set in the To/From SIP header of the SIP messages send to/from this SIP user-agent.

prefix [STRING] The prefix used by the gateway.

capacity (100) [NUMBER] The capacity of the gateway. It's only used when this gateway is part of a GatewayGroup in load-balanced mode. The load-balancing is made relatively to the capacity of the gateways that are part of this group.

acceptLogicalTerminal (false) [BOOLEAN] Do we allow to create LogicalTerminal on this gateway? This value on the gateway-group is computed automatically from the members of the group. (that must have all the same values)

networkDomain (NetworkDomain-0) [STRING] The network domain where this SIP gateway is localized.

countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to format the called number and calling-number of calls sended to this gateway.

operatorPrefix [STRING] The operatorPrefix is used to format the called number and calling-number of calls sended to this gateway. (in case we have as called number an internationally formated number in the same country-code as the gateway, we must have an operatorPrefix to complete the number in this national format)

contactHostPort [STRING] The contact host-port is the physical ID used to contact this SIP UserAgent, it contains the real host/port to which we will send the SIP request messages at IP level (it can be the host/port of the NAT). It can be null, in this case we use the sipHostPort for contactHostPort.

ocsGateway (false) [BOOLEAN] Is this gateway an OCS gateway. For OCS gateways, the country-code, is set to international and the host is suffixed with ";transport=tcp" to force the TCP transport mode. This value on the gateway-group is computed automatically from the members of the group. (that must have all the same values)

ocsGateway [STRING] The URL for HTTP web-access on this gateway (without the prefix http://),currently used only as base URL for HTTP user web-access to Arkadin conference.

Return :
return GatewayBean new element created

Function deleteGateway
Description :
Delete a Gateway. This method can be used only if you are authenticated.
Parameters :
name* [STRING]
Return :
return true if it is successfull

Function updateGateway
Description :
Update a Gateway. This method can be used only if you are authenticated.
Parameters :
selectedName* [STRING]
name [STRING]
sipHostPort [STRING] The sipHostPort is the "host[:port][prefix][transport]" part of the SIP URI to which the SIP calls will be made. Prefix and port are optionals, but the host is mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Prefix must be formated like this: ";prefix=" + prefix-Name where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Transport must be formated like this: ";transport=" + "TCP" || "UDP" Port is the sip port of the SIP entity to which the SIP calls will be made. This is the logical host-port set in the To/From SIP header of the SIP messages send to/from this SIP user-agent.
prefix [STRING] The prefix used by the gateway.
capacity [NUMBER] The capacity of the gateway. It's only used when this gateway is part of a Gateway-Group in load-balanced mode. The load-balancing is made relatively to the capacity of the gateways that are part of this group.
acceptLogicalTerminal [BOOLEAN] Do we allow to create LogicalTerminal on this gateway? This value on the gateway-group is computed automatically from the members of the group. (that must have all the same values)
networkDomain [STRING] The network domain where this SIP gateway is localized.
countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to format the called number and calling-number of calls sended to this gateway.
operatorPrefix [STRING] The operatorPrefix is used to format the called number and calling-number of calls sended to this gateway. (in case we have as called number an internationally formated number in the same country-code as the gateway, we must have an operatorPrefix to complete the number in this national format)
contactHostPort [STRING] The contact host-port is the physical ID used to contact this SIP UserAgent, it contains the real host/port to which we will send the SIP request messages at IP level (it can be the host/port of the NAT). It can be null, in this case we use the sipHostPort for contactHostPort.
Return :
return GatewayBean element updated

2.3.4   GatewayGroup

Object : `GatewayGroupBean`
`mode` **:** Policy that specify to which gateway we will send the calls
`name(40)`   **:**

Function getGatewayGroup

<u>Description</u> :
This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING]
mode [NUMBER] (values :0=Load balancing, 1=Backup,)Policy that specify to which gateway we will send the calls
<u>Return</u> :
GatewayGroups

Function createGatewayGroup

<u>Description</u> :
This method can be used only if you are authenticated.
<u>Parameters</u> :
name* [STRING]
mode (0) [NUMBER] (values :0=Load balancing, 1=Backup,)Policy that specify to which gateway we will send the calls
<u>Return</u> :
return GatewayGroupBean new element created

Function deleteGatewayGroup

<u>Description</u> :
Delete a GatewayGroup. This method can be used only if you are authenticated.
<u>Parameters</u> :
name* [STRING]
<u>Return</u> :
return true if it is successfull

Function updateGatewayGroup

<u>Description</u> :
Update a GatewayGroup. This method can be used only if you are authenticated.
<u>Parameters</u> :
selectedName* [STRING]
name [STRING]
mode [NUMBER] (values :0=Load balancing, 1=Backup,)Policy that specify to which gateway we will send the calls
<u>Return</u> :
return GatewayGroupBean element updated

Function setGatewaysInGatewayGroup

Description :
set the ordering list of gateways for this group This method can be used only if you are authenticated.
Parameters :
selectedGatewayGroup* [STRING]
gateways [STRING] a list of gateway separate with , . example : gateway1,gat2,nounours
Return :
return true if success

Function setOneGatewayInGatewayGroup

Description :
set a gateway in this group This method can be used only if you are authenticated.
Parameters :
selectedGatewayGroup* [STRING]
gateway [STRING] gateway to add in this group
position [STRING] position in the group if no position add gateway at the end
Return :
return true if success

Function listGatewaysInGatewayGroup

Description :
return the ordering list of Gateways in this group This method can be used only if you are authenticated.
Parameters :
selectedGatewayGroup* [STRING]
Return :
return String

2.3.5 PstnRange

Object : `PstnRangeBean`
`rangeStart(20)`   : The pstn numbers that define the begin of the range.
`isRegisteredInEnum` : Is this range registered as ENUM DNS entries? If the EnumRegistrationService is not launched, this property is in read-only mode.
`countryCode(5)`   : The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.
`rangeEnd(20)`   : The pstn numbers that define the end of the range. This pstn number is included in the range
`label(30)`   : A label on this range.

Function getPstnRange
Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
label [STRING] A label on this range.
rangeStart [STRING] The pstn numbers that define the begin of the range.
rangeEnd [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.
isRegisteredInEnum [BOOLEAN] Is this range registered as ENUM DNS entries? If the EnumRegistrationService is not launched, this property is in read-only mode.
Return :
PstnRanges

Function createPstnRange
Description :
create a PstnRange. This method can be used only if you are not in an enterprise context.
Parameters :
label [STRING] A label on this range.
rangeStart* [STRING] The pstn numbers that define the begin of the range.
rangeEnd* [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.
isRegisteredInEnum (false) [BOOLEAN] Is this range registered as ENUM DNS entries? If the EnumRegistrationService is not launched, this property is in read-only mode.
Return :
return PstnRangeBean new element created

Function deletePstnRange
Description :
delete a PstnRange. This method can be used only if you are not in an enterprise context.

Parameters :
rangeStart* [STRING] The pstn numbers that define the begin of the range.
Return :
return true if it is successfull

Function updatePstnRange

Description :
update a PstnRange. This method can be used only if you are not in an enterprise context.
Parameters :
selectedRangeStart* [STRING] PstnRange we want to modify
label [STRING] A label on this range.
rangeStart [STRING] The pstn numbers that define the begin of the range.
rangeEnd [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.
Return :
return updated PstnRangeBean element

2.3.6 Pstn

Object : `PstnBean`
`number(25)` : The assigned number to this pstn.
`numberExtension` : The extension linked to this pstn.
`isExtraCustomCallerID` : Add this pstn-number on customCallerID choice-list for all users.
`pstnRangeLabel` : The pstn range that contain this pstn.
`isDefault` : Is this pstn-number the default PSTN number on the target assignedTo instance?
`pbxTrunking` : The extension/pbxTrunk linked to this pstn.
`admtiveDomain` : The administrative domain defined, which must not be null.
`pstnLabel(30)` : A label on this PSTN.

The methods below are deprecated use PlmnPstn verbs

Function getPstn
<u>Description</u> :
This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
number [STRING] The assigned number to this pstn.
numberExtension [DIGIT] The extension linked to this pstn.
pstnRangeLabel [STRING] The pstn range that contain this pstn.
pstnLabel [STRING] A label on this PSTN.
isDefault [BOOLEAN] Is this pstn-number the default PSTN number on the target assignedTo instance?
<u>Return</u> :
Pstns

Function updatePstn
<u>Description</u> :
Update a Pstn. This method can be used only if you are in an community (include routingCommunity) context.
<u>Parameters</u> :
selectedNumber* [STRING] Pstn that we want to modify
numberExtension [DIGIT] The extension linked to this pstn.
pstnLabel [STRING] A label on this PSTN.
isDefault [BOOLEAN] Is this pstn-number the default PSTN number on the target assignedTo instance?
isExtraCustomCallerID [BOOLEAN] Add this pstn-number on customCallerID choice-list for all users.
<u>Return</u> :
return updatedPstnBean element

Function assignPstnToAdmtiveDomain
<u>Description</u> :
Assign a Pstn to an admtive domain. This method can be used only if you are not in an enterprise context.
<u>Parameters</u> :
selectedPstnNumber* [STRING] Pstn that we want to modify
admtiveDomain* [STRING] The administrative domain defined, which must not be null.
<u>Return</u> :
return updatedPstnBean element

2.3.7 AssignableIPBX

Object : `AssignableIPBXBean`
`domainName` : name of domain
`isEnableRestriction` : Do we restrict the list of assignable IPBX in sub-domains of this Admtive-Domain.
`ipbxList` : list of IPBX name that are assignable for enterprise of sub domain

Function setRestrictIpbxs

Description :
set the ipbx list for automatic assignation of enterprise of the domain service provider This method can be used only if you are in a platform owner context.
Parameters :
selectedDomain* [STRING] The name of the service provider domain
enableRestriction [BOOLEAN] enable/disable the politic of restriction
ipbxs [STRING] a list of ipbxs name separate with , example : ipbx1,ipbx2
Return :
return true if success

Function listRestrictIpbxs

Description :
return information about restrict ipbx of the domain service provider This method can be used only if you are in a platform owner context.
Parameters :
selectedDomain* [STRING] The name of the service provider domain
Return :
return AssignableIPBXBean

2.3.8 MediaServer

Object : `MediaServerBean`
`capacity` : Number of session simultaneous
`recordCapability` :
`hostPort(200)` : The hostPort is the "host[:port][prefix][transport]" part of the SIP URI to which the SIP calls will be made. Prefix and port are optionals, but the host is mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Prefix must be formated like this: ";prefix=" + prefix-Name where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Transport must be formated like this: ";transport=" + "TCP" || "UDP" Port is the sip port of the SIP entity to which the SIP calls will be made. This is the logical host-port set in the To/From SIP header of the SIP messages send to/from this SIP user-agent.
`playCapability` :
`protocol(100)` : Signaling Protocol
`name(40)` : Name of the media server
`confCapability` :
`rtpCapability` :

Function getMediaServer
Description :
This method can be used only if you are in a platform owner context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] Name of the media server
protocol [STRING] (values :vrx=, msml=,)Signaling Protocol
hostPort [STRING] The hostPort is the "host[:port][prefix][transport]" part of the SIP URI to which the SIP calls will be made. Prefix and port are optionals, but the host is mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Transport must be formated like this: ";transport=" + "TCP" || "UDP" Port is the sip port of the SIP entity to which the SIP calls will be made. This is the logical host-port set in the To/From SIP header of the SIP messages send to/from this SIP user-agent.
capacity [NUMBER] Number of session simultaneous
playCapability [BOOLEAN]
recordCapability [BOOLEAN]
confCapability [BOOLEAN]
rtpCapability [BOOLEAN]
Return :
MediaServers

Function deleteMediaServer
Description :
Delete a MediaServer. This method can be used only if you are in a platform owner context.
Parameters :
name* [STRING] Name of the media server
Return :
return true if it is successfull

2.3.9   MediaServerGroup

Object : `MediaServerGroupBean`
```
recordCapability :
playCapability :
rtpCapability :
confCapability :
name(40)    : Name of the media server
```

Function getMediaServerGroup
Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] Name of the media server
playCapability [BOOLEAN]
recordCapability [BOOLEAN]
confCapability [BOOLEAN]
rtpCapability [BOOLEAN]
Return :
MediaServerGroups

Function createMediaServerGroup
Description :
This method can be used only if you are authenticated.
Parameters :
name* [STRING] Name of the media server
playCapability (false) [BOOLEAN]
recordCapability (false) [BOOLEAN]
confCapability (false) [BOOLEAN]
rtpCapability (false) [BOOLEAN]
Return :
return MediaServerGroupBean new element created

Function deleteMediaServerGroup
Description :
Delete a MediaServerGroup. This method can be used only if you are in a platform owner context.
Parameters :
name* [STRING] Name of the media server
Return :
return true if it is successfull

Function setMediaServersInMediaServerGroup
Description :
set the list of MediaServer for this group This method can be used only if you are in a platform owner context.
Parameters :
selectedMediaServerGroup* [STRING] Name of the media server

mediaServers [STRING] a list of mediaserver names separate with , example : server1,serevr2
Return :
return true if success

Function setMediaServerWeightInMediaServerGroup

Description :
set the weight of a MediaServer in a group This method can be used only if you are in a platform owner context.
Parameters :
selectedMediaServerGroup* [STRING] Name of the media server
selectedMediaServer* [STRING] MediaServer name
memberWeight [NUMBER] The weight of the media server member in the group
Return :
return true if success

Function listMediaServersInMediaServerGroup

Description :
return the ordering list of mediaservers:weight in this group This method can be used only if you are in a platform owner context.
Parameters :
selectedMediaServerGroup* [STRING] Name of the media server
Return :
return String with separator

2.3.10 PlmnRange

Object : `PlmnRangeBean`
`rangeEnd(20)` : The pstn numbers that define the end of the range. This pstn number is included in the range
`camelCallControl` : Are these plmn numbers monitored and controlled through the CAMEL IN interface.
`rangeStart(20)` : The pstn numbers that define the begin of the range.
`label(30)` : A label on this range.
`countryCode(5)` : The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.
`isupGateway` : The gateway used for calls sended/received to/from the PLMN numbers defined in this range.

Function getPlmnRange
Description :
This method can be used only if you are not in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
label [STRING] A label on this range.
rangeStart [STRING] The pstn numbers that define the begin of the range.
rangeEnd [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.
camelCallControl [BOOLEAN] Are these plmn numbers monitored and controlled through the CAMEL IN interface.
Return :
PlmnRanges

Function createPlmnRange
Description :
create a PlmnRange. This method can be used only if you are not in an enterprise context.
Parameters :
label [STRING] A label on this range.
rangeStart* [STRING] The pstn numbers that define the begin of the range.
rangeEnd* [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.
isupGateway [STRING] The gateway used for calls sended/received to/from the PLMN numbers defined in this range.
camelCallControl (false) [BOOLEAN] Are these plmn numbers monitored and controlled through the CAMEL IN interface.
Return :
return PlmnRangeBean new element created

Function deletePlmnRange

Description :

delete a PstnRange. This method can be used only if you are not in an enterprise context.

Parameters :

rangeStart* [STRING] The pstn numbers that define the begin of the range.

Return :

return true if it is successfull

Function updatePlmnRange

Description :

update a PlmnRangeBean. This method can be used only if you are not in an enterprise context.

Parameters :

selectedRangeStart* [STRING] PlmnRange we want to modify

label [STRING] A label on this range.

rangeStart [STRING] The pstn numbers that define the begin of the range.

rangeEnd [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range

countryCode [STRING] The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.

Return :

return updated PlmnRangeBean element

2.3.11 PlmnPstn

Object : `PlmnPstnBean`
`location(30)` : Location of the pstn.
`type` : 1 : plmn, 2: pstn
`numberExtension` : The extension/FaxAddress linked to this pstn/plmn.
`admtiveDomain` : The administrative domain defined, which must not be null.
`pbxTrunking` : The pbx trunking assigned
`isDefault` : Is this pstn/plmn-number the default number on the target assignedTo
instance?`label(30)` : A label on this PSTN or PLMN
`number(25)` : The assigned number to this pstn/plmn
`activationStatus` : The pbx trunking assigned
`rangeLabel` : The range that contain this pstn/plmn

Function getPlmnPstn

<u>Description</u> :
Get list of PSTN-PLMN number This method can be used only if you are authenticated.
<u>Parameters</u> :

offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
number [STRING] The assigned number to this pstn/plmn

numberExtension [STRING] The extension/FaxAddress linked to this pstn/plmn.
rangeLabel [STRING] The range that contain this pstn/plmn
label [STRING] A label on this PSTN or PLMN
isDefault [BOOLEAN] Is this pstn/plmn-number the default number on the target assignedTo instance?
type [NUMBER] (values :0=Pstn number, 1=Plmn number, 2=Internal number,)1 : plmn, 2: pstn <u>Return</u> :
Plmns

Function updatePlmnPstn

<u>Description</u> :
Update a Pstn or Plmn number.You can set the extension number to the Pstn-Plmn number. use @NULL
value to unlink numberExtension This method can be used only if you are authenticated.
<u>Parameters</u> :
selectedNumber* [STRING] Pstn-Plmn number that we want to modify
numberExtension [STRING] The extension/FaxAddress linked to this pstn/plmn.
label [STRING] A label on this PSTN or PLMN
isDefault [BOOLEAN] Is this pstn/plmn-number the default number on the target assignedTo instance?
activationStatus [NUMBER] (values :1=unblocked, 2=soft blocked, 3=hard blocked,)The pbx trunking
assigned
location [STRING] Location of the pstn.
<u>Return</u> :
return updatedPstnBean element

Function assignPlmnPstnToAdmtiveDomain

<u>Description</u> :
Assign a Pstn or Plmn (Pn number) to an admtive domain. This operation is required before assign an
extension to the Pstn-Plmn number This method can be used only if you are not in an enterprise context.
<u>Parameters</u> :
selectedNumber* [STRING] Pstn-Plmn that we want to modify

admtiveDomain* [STRING] The administrative domain defined, which must not be null.
<u>Return</u> :
return updatedPlmnPstnBean element

2.3.12 TromboningRange

Object : `TromboningRangeBean`
`label(30)` : A label on this range.
`rangeStart(20)` : The pstn numbers that define the begin of the range.
`rangeEnd(20)` : The pstn numbers that define the end of the range. This pstn number is included in the range
`countryCode(5)` : The country-code as defined by ITU ('+' for International formating). This country-code is used to check the format of the PSTN numbers and to be able to register these pstns in ENUM.

Function getTromboningRange
Description :
This method can be used only if you are in a platform owner context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
label [STRING] A label on this range.
rangeStart [STRING] The pstn numbers that define the begin of the range.
rangeEnd [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
Return :
TromboningRanges

Function createTromboningRange
Description :
create a TromboningRange. This method can be used only if you are in a platform owner context.
Parameters :
label [STRING] A label on this range.
rangeStart* [STRING] The pstn numbers that define the begin of the range.
rangeEnd* [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
Return :
return TromboningRangeBean new element created

Function deleteTromboningRange
Description :
delete a TromboningRange . This method can be used only if you are in a platform owner context.
Parameters :
rangeStart* [STRING] The pstn numbers that define the begin of the range.
Return :
return true if it is successfull

Function updateTromboningRange
Description :
update a TromboningRange. This method can be used only if you are in a platform owner context.
Parameters :
selectedRangeStart* [STRING] TromboningRange we want to modify
label [STRING] A label on this range.

rangeStart [STRING] The pstn numbers that define the begin of the range.
rangeEnd [STRING] The pstn numbers that define the end of the range. This pstn number is included in the range
Return :
return updated TromboningRangeBean element

2.4 Enterprise

2.4.1 Enterprise

Object : `EnterpriseBean`
`receptionist` : The receptionist defined.
`ipbx` : The ipbx to which this Enterprise is assigned.
`allowPrivateBillOnRestrictedCallFromMobilePhone` : Setting that enable bypass RCR on mobile-phone calls.
`groupsDisplayedNumberPolicy` : The number that will be displayed for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group.
`peerAuthUserName(100)` : The three possible values are: 1- 'pilotNumber' will use the pilot number for authentication | 2- 'none' will behave the same as don't authenticate in webadmin do | 3- A username value (free text)
`fullName(128)` : The full name of the community, can contains space or any character. Used in administration interface. By default this property is a copy of the name value.
`maxMembersInExtensionGroup` : Max allowed member in a Extension group. -1 for unlimited. This apply only to simple Groups not ACD-Groups.
`operatorPrefix(10)` : The default operator-prefix associated to this community and used for country-code dial-plan formatting.
`allowLdapOnClientApps` : The possibility to choose to use or not the LDAP on client applications
`cliOnCallsToMobile` : Specify which caller-ID is displayed on internal calls to mobile-phone and remote-terminals (not including Lync Terminals). The choice is today between long-number (we take the the custom callerID of the caller if any, otherwise, the default pstn/plmn number of the caller), or the short-number (the address-number of the caller).
`defaultLanguage` : List of languages supported (separated by space, or comma). The first element is the default language for IUsers of this community.
`ownerAdmtiveDomain` : The administrative domain defined, never null.
`pnTypeAsDefault` : Indicates default phone number type to be used.
`internalDialplan` : The InternalDialplan value is used to check the extension numbers that we allow to set in this community. example : 3:1,2,3; or 3:1,2,3;2:5,6;
`customCallerIDPolicy` : The values-allowed for users customCallerID.
`ussdDirectoryLookupPolicy` : The community-wide activation threshold of the external directory lookup service
`useEmailSignaturesManager` : Is enterprise administrator can use tool emailSignaturesManager
`activated` : The target activation status of this community.
`maxIVRConnections` : The maximal number of connections allowed to IVR. 0 or negative means no-limit.
`externalCommunityID(40)` : An external community id, can be use to linked to external system. Unique field
`limitation` : Set the limitation for outgoing calls. Possible values are: 0 (for None), 1 (ExternalOutgoingCalls), 2 (for AllOutgoingCalls)
`countryCode(4)` : The default country-code associated to this community. The dial-plan of this country-code is used to find when a number dialed is complete on external outgoing calls. This is also the dial-plan in which we format external pstn-numbers that must be presented to users (for redial for example).
`groupsDisplayedLabelsTerminalsPolicy` : The labels that will be displayed on terminals in sequence for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)
`peerAuthPassword(100)` : Password to use for all remote authentications.
`name(20)` : The name of this community. This name is used to named file directories to store data specific to this community. Regex that must be match : "[A-Za-z][a-zA-Z
-0-9]*".
`maxMembersInUnissonGroup` : Max allowed member in an unisson group. -1 for unlimited This

apply to both Groups and ACD-Groups but only if they have the policy Unisson.

`fsLogoutTime` : Free-seating logout time in mn. See the help in Terminal.

`maxExternalConnections` : The maximal number of external connections allowed. 0 or negative means no-limit.

`failOnNoAnswerDelay` : The time in seconds before dropping a not-answered call (default 180).

`fsLoginDuration` : Free-seating login duration in mn. See the help in Terminal.

`billingAccountCustom1(50)` : Free field for billing to an enterprise

`enabledSynchroCalendarPresenceState` : Flag to enable/disable synchronization of calendars presence state.

`defaultDialPrefix` : The default dial prefix.

`billingAccountCustom2(50)` : Free field for billing to an enterprise

`billedPresenceStates(1024)` : List of users presence state which are considered as private/personal presence-state. In these private presence-state, the calls will be billed on the personal user account (instead of the enterprise account). By default it's empty, meaning that all calls are charged on the enterprise account.

`defaultSite` : The default site.

`exportDirectory` : Indicates whether users' directory view should include the full enterprise directory or just their private contacts, or their department's directory.

`groupsDisplayedLabelsUssdPolicy` : The labels that will be displayed via USSD in sequence for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

`pilotNumber` : The pilot number (aka the enterprise primary number).

`allowPhotoCustomization` : Is the end user can modify his url photo?

`allowedScenariosID` : The list (id) of scenario that are allowed to be specified on terminals of this enterprise. The format is : id1,id2,id3 ..... => the list of terminal scenario is given with verb getTerminalScenario. Warning no check is done if id exists

Function getEnterprise

Description :

This method can be used only if you are authenticated.

Parameters :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

name [STRING] The name of this community. This name is used to named file directories to store data specific to this community. Regex that must be match : "[A-Za-z][a-zA-Z -0-9]*".

fullName [STRING] The full name of the community, can contains space or any character. Used in administration interface. By default this property is a copy of the name value.

ipbx [STRING] The ipbx to which this Enterprise is assigned.

ownerAdmtiveDomain [STRING] The administrative domain defined, never null.

maxExternalConnections [NUMBER] The maximal number of external connections allowed. 0 or negative means no-limit.

maxIVRConnections [NUMBER] The maximal number of connections allowed to IVR. 0 or negative means no-limit.

activated [BOOLEAN] The target activation status of this community.

countryCode [STRING] The default country-code associated to this community. The dial-plan of this country-code is used to find when a number dialed is complete on external outgoing calls. This is also the dial-plan in which we format external pstn-numbers that must be presented to users (for redial for example).

exportDirectory [NUMBER] (values :0=Off, 1=Full, 2=Department, 3=Ivrs only,)Indicates whether users' directory view should include the full enterprise directory or just their private contacts, or their department's directory.

failOnNoAnswerDelay [NUMBER] The time in seconds before dropping a not-answered call (default 180).

fsLoginDuration [NUMBER] Free-seating login duration in mn. See the help in Terminal.

fsLogoutTime [NUMBER] Free-seating logout time in mn. See the help in Terminal.

billingAccountCustom1 [STRING] Free field for billing to an enterprise

billingAccountCustom2 [STRING] Free field for billing to an enterprise

operatorPrefix [STRING] The default operator-prefix associated to this community and used for country-code dial-plan formatting.

useEmailSignaturesManager [BOOLEAN] Is enterprise administrator can use tool emailSignaturesManager

externalCommunityID [STRING] An external community id, can be use to linked to external system. Unique field

allowPhotoCustomization [BOOLEAN] Is the end user can modify his url photo?

allowLdapOnClientApps [BOOLEAN] The possibility to choose to use or not the LDAP on client applications

cliOnCallsToMobile [NUMBER] (values :0=Long number, 1=Short number,)Specify which caller-ID is displayed on internal calls to mobile-phone and remote-terminals (not including Lync Terminals). The choice is today between long-number (we take the the custom callerID of the caller if any, otherwise, the default pstn/plmn number of the caller), or the short-number (the address-number of the caller).

billedPresenceStates [STRING] List of users presence state which are considered as private/personal presence-state. In these private presence-state, the calls will be billed on the personal user account (instead of the enterprise account). By default it's empty, meaning that all calls are charged on the enterprise account.

maxMembersInExtensionGroup [NUMBER] Max allowed member in a Extension group. -1 for unlimited. This apply only to simple Groups not ACD-Groups.

limitation [NUMBER] (values :0=None, 1=External outgoing calls, 2=All outgoing calls,)Set the limitation for outgoing calls. Possible values are: 0 (for None), 1 (ExternalOutgoingCalls), 2 (for AllOutgoingCalls)

Return :

Enterprises

Function createEnterprise

Description :

create an Enterprise in the context domain. This method can be used only if you are not in an enterprise context.

Parameters :

name* [STRING] The name of this community. This name is used to named file directories to store data specific to this community. Regex that must be match : "[A-Za-z][a-zA-Z
-0-9]*".

fullName* [STRING] The full name of the community, can contains space or any character. Used in administration interface. By default this property is a copy of the name value.

internalDialplan ($Map,java.util.Properties($S,$Map,java.util.Properties();$S,)=) [STRING] The InternalDialplan value is used to check the extension numbers that we allow to set in this community.

example : 3:1,2,3; or 3:1,2,3;2:5,6;

ipbx [STRING] The ipbx to which this Enterprise is assigned.

maxExternalConnections (0) [NUMBER] The maximal number of external connections allowed. 0 or negative means no-limit.

maxIVRConnections (0) [NUMBER] The maximal number of connections allowed to IVR. 0 or negative means no-limit.

activated (true) [BOOLEAN] The target activation status of this community.

countryCode [STRING] The default country-code associated to this community. The dial-plan of this country-code is used to find when a number dialed is complete on external outgoing calls. This is also the dial-plan in which we format external pstn-numbers that must be presented to users (for redial for exam-

ple).

exportDirectory (1) [NUMBER] (values :0=Off, 1=Full, 2=Department, 3=Ivrs only,)Indicates whether users' directory view should include the full enterprise directory or just their private contacts, or their department's directory.

failOnNoAnswerDelay (180) [NUMBER] The time in seconds before dropping a not-answered call (default 180).

fsLoginDuration (120) [NUMBER] Free-seating login duration in mn. See the help in Terminal.

fsLogoutTime (1440) [NUMBER] Free-seating logout time in mn. See the help in Terminal.

allowedScenariosID ([Lcom.centile.data.ObjectKey;@a530d0a) [STRING] The list (id) of scenario that are allowed to be specified on terminals of this enterprise. The format is : id1,id2,id3 ..... => the list of terminal scenario is given with verb getTerminalScenario. Warning no check is done if id exists

billingAccountCustom1 [STRING] Free field for billing to an enterprise

billingAccountCustom2 [STRING] Free field for billing to an enterprise

operatorPrefix [STRING] The default operator-prefix associated to this community and used for country-code dial-plan formatting.

useEmailSignaturesManager (false) [BOOLEAN] Is enterprise administrator can use tool emailSignaturesManager

externalCommunityID [STRING] An external community id, can be use to linked to external system. Unique field

allowPhotoCustomization (false) [BOOLEAN] Is the end user can modify his url photo?

allowLdapOnClientApps (true) [BOOLEAN] The possibility to choose to use or not the LDAP on client applications

cliOnCallsToMobile (0) [NUMBER] (values :0=Long number, 1=Short number,)Specify which caller-ID is displayed on internal calls to mobile-phone and remote-terminals (not including Lync Terminals). The choice is today between long-number (we take the the custom callerID of the caller if any, otherwise, the default pstn/plmn number of the caller), or the short-number (the address-number of the caller).

billedPresenceStates [STRING] List of users presence state which are considered as private/personal presence-state. In these private presence-state, the calls will be billed on the personal user account (instead of the enterprise account). By default it's empty, meaning that all calls are charged on the enterprise account.

maxMembersInExtensionGroup (-1) [NUMBER] Max allowed member in a Extension group. -1 for unlimited. This apply only to simple Groups not ACD-Groups. **enabledSynchroCalendarPresenceState (0)** [NUMBER] (values :0=disabled, 1=enabled,)Flag to en-able/disable synchronization of calendars presence state.

defaultLanguage ([Ljava.lang.String;@1a18644) [LIST] List of languages supported (separated by space, or comma). The first element is the default language for IUsers of this community.

allowPrivateBillOnRestrictedCallFromMobilePhone (false) [BOOLEAN] Setting that enable bypass RCR on mobile-phone calls.

pnTypeAsDefault (0) [NUMBER] (values :0=plmn number, 1=pstn number,)Indicates default phone number type to be used.

customCallerIDPolicy (1) [NUMBER] (values :5=User pstns, 6=User pstns and group pstns, 0=User pstns and pilot-number, 1=User pstns, pilot-number and group pstns, 2=All enterprise pstns.,)The values-allowed for users customCallerID.

ussdDirectoryLookupPolicy (2) [NUMBER] (values :0=Disabled, 1=Calls coming from a service or group, 2=Internal calls, 3=All calls (internal and external),)The community-wide activation threshold of the external directory lookup service

groupsDisplayedNumberPolicy (0) [NUMBER] (values :0=original caller, 1=original called, 2=last called group,)The number that will be displayed for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group.

groupsDisplayedLabelsTerminalsPolicy ([Ljava.lang.Integer;@5acf93bb) [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed on terminals in sequence for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

groupsDisplayedLabelsUssdPolicy ([Ljava.lang.Integer;@7e7be63f) [LIST] (values :0=original caller,

1=original called, 2=last called group,)The labels that will be displayed via USSD in sequence for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

maxMembersInUnissonGroup (8) [NUMBER] Max allowed member in an unisson group. -1 for unlimited This apply to both Groups and ACD-Groups but only if they have the policy Unisson.

limitation (0) [NUMBER] (values :0=None, 1=External outgoing calls, 2=All outgoing calls,)Set the limitation for outgoing calls. Possible values are: 0 (for None), 1 (ExternalOutgoingCalls), 2 (for AllOutgoingCalls)

peerAuthUserName [STRING] The three possible values are: 1- 'pilotNumber' will use the pilot number for authentication | 2- 'none' will behave the same as don't authenticate in webadmin do | 3- A username value (free text)

peerAuthPassword [STRING] Password to use for all remote authentications.

Return :

return EnterpriseBean new element created

Function deleteEnterprise

Description :

delete an enterprise This method can be used only if you are not in an enterprise context.

Parameters :

name* [STRING] The name of this community. This name is used to named file directories to store data specific to this community. Regex that must be match : "[A-Za-z][a-zA-Z
-0-9]*".

Return :

return true if it is successfull

Function updateEnterprise

Description :

update an enterprise This method can be used only if you are not in an enterprise context.

Parameters :

selectedName* [STRING] Enterprise we want to modify

fullName [STRING] The full name of the community, can contains space or any character. Used in administration interface. By default this property is a copy of the name value.

internalDialplan [STRING] The InternalDialplan value is used to check the extension numbers that we allow to set in this community. example : 3:1,2,3; or 3:1,2,3;2:5,6;

ipbx [STRING] The ipbx to which this Enterprise is assigned.

maxExternalConnections [NUMBER] The maximal number of external connections allowed. 0 or negative means no-limit.

maxIVRConnections [NUMBER] The maximal number of connections allowed to IVR. 0 or negative means no-limit.

activated [BOOLEAN] The target activation status of this community.

countryCode [STRING] The default country-code associated to this community. The dial-plan of this country-code is used to find when a number dialed is complete on external outgoing calls. This is also the dial-plan in which we format external pstn-numbers that must be presented to users (for redial for example).

exportDirectory [NUMBER] (values :0=Off, 1=Full, 2=Department, 3=Ivrs only,)Indicates whether users' directory view should include the full enterprise directory or just their private contacts, or their department's directory.

failOnNoAnswerDelay [NUMBER] The time in seconds before dropping a not-answered call (default 180).

fsLoginDuration [NUMBER] Free-seating login duration in mn. See the help in Terminal.

fsLogoutTime [NUMBER] Free-seating logout time in mn. See the help in Terminal.

receptionist [STRING] The receptionist defined.

allowedScenariosID [STRING] The list (id) of scenario that are allowed to be specified on terminals of this enterprise. The format is : id1,id2,id3 ..... => the list of terminal scenario is given with verb getTerminalScenario. Warning no check is done if id exists

billingAccountCustom1 [STRING] Free field for billing to an enterprise

billingAccountCustom2 [STRING] Free field for billing to an enterprise

operatorPrefix [STRING] The default operator-prefix associated to this community and used for country-code dial-plan formatting.

pilotNumber [STRING] The pilot number (aka the enterprise primary number).

useEmailSignaturesManager [BOOLEAN] Is enterprise administrator can use tool emailSignaturesManager

externalCommunityID [STRING] An external community id, can be use to linked to external system. Unique field

allowPhotoCustomization [BOOLEAN] Is the end user can modify his url photo?

allowLdapOnClientApps [BOOLEAN] The possibility to choose to use or not the LDAP on client applications

cliOnCallsToMobile [NUMBER] (values :0=Long number, 1=Short number,)Specify which caller-ID is displayed on internal calls to mobile-phone and remote-terminals (not including Lync Terminals). The choice is today between long-number (we take the the custom callerID of the caller if any, otherwise, the default pstn/plmn number of the caller), or the short-number (the address-number of the caller).

billedPresenceStates [STRING] List of users presence state which are considered as private/personal presence-state. In these private presence-state, the calls will be billed on the personal user account (instead of the enterprise account). By default it's empty, meaning that all calls are charged on the enterprise account.

maxMembersInExtensionGroup [NUMBER] Max allowed member in a Extension group. -1 for unlimited. This apply only to simple Groups not ACD-Groups.

enabledSynchroCalendarPresenceState [NUMBER] (values :0=disabled, 1=enabled,)Flag to enable/disable synchronization of calendars presence state.

defaultLanguage [LIST] List of languages supported (separated by space, or comma). The first element is the default language for IUsers of this community.

allowPrivateBillOnRestrictedCallFromMobilePhone [BOOLEAN] Setting that enable bypass RCR on mobile-phone calls.

pnTypeAsDefault [NUMBER] (values :0=plmn number, 1=pstn number,)Indicates default phone number type to be used.

customCallerIDPolicy [NUMBER] (values :5=User pstns, 6=User pstns and group pstns, 0=User pstns and pilot-number, 1=User pstns, pilot-number and group pstns, 2=All enterprise pstns.,)The values-allowed for users customCallerID.

ussdDirectoryLookupPolicy [NUMBER] (values :0=Disabled, 1=Calls coming from a service or group, 2=Internal calls, 3=All calls (internal and external),)The community-wide activation threshold of the external directory lookup service

groupsDisplayedNumberPolicy [NUMBER] (values :0=original caller, 1=original called, 2=last called group,)The number that will be displayed for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group.

groupsDisplayedLabelsTerminalsPolicy [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed on terminals in sequence for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

groupsDisplayedLabelsUssdPolicy [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed via USSD in sequence for calls incoming from groups. 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available) **maxMembersInUnissonGroup** [NUMBER] Max allowed member in an unisson group. -1 for unlimited This apply to both Groups and ACD-Groups but only if they have the policy Unisson.

limitation [NUMBER] (values :0=None, 1=External outgoing calls, 2=All outgoing calls,)Set the limitation for outgoing calls. Possible values are: 0 (for None), 1 (ExternalOutgoingCalls), 2 (for AllOutgoing-Calls)

peerAuthUserName [STRING] The three possible values are: 1- 'pilotNumber' will use the pilot number for authentication | 2- 'none' will behave the same as don't authenticate in webadmin do | 3- A username value (free text)

peerAuthPassword [STRING] Password to use for all remote authentications.

<u>Return</u> :

return updated EnterpriseBean element

2.4.2 NetworkDomain

Object : `NetworkDomainBean`
`label(80)`   : A label attached to this domain.
`name(40)`   : The name of this domain.

Function getNetworkDomain
Description :
This method can be used only if you are in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] The name of this domain.
label [STRING] A label attached to this domain.
Return :
NetworkDomains

Function createNetworkDomain
Description :
create a Device in a NetworkDomain. This method can be used only if you are in an enterprise context.
Parameters :
name* [STRING] The name of this domain.
label [STRING] A label attached to this domain.
Return :
return NetworkDomainBean new element created

Function deleteNetworkDomain
Description :
delete a NetworkDomain. This method can be used only if you are in an enterprise context.
Parameters :
name* [STRING] The name of this domain.
Return :
return true if it is successfull

Function updateNetworkDomain
Description :
update a NetworkDomain. This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] NetworkDomain we want to modify
name [STRING] The name of this domain.
label [STRING] A label attached to this domain.
Return :
return NetworkDomainBean element updated

2.4.3 DialPrefix

Object : `DialPrefixBean`

`trunkAddress(60)` : The trunkAddress is the "[enterprise][prefix][gw]@host[:port]" part of the SIP URI to which the SIP calls will be made. Enterprise, gw, prefix and port are optionals, but '@' and host are mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Enterprise must be formated like this: "." + enterpriseName where enterpriseName is the name of an Enterprise (known the server specified by the host part). Gw must be formated like this: ";gw=" + gatewayName where gatewayName is the name of a gateway (defined on the server specified by the host part). Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Port is the sip port of the SIP entity to which the SIP calls will be made. Deprecated feature. Use instead the link to a gateway.

`prefix(10)` : The digits that need to prefix the dialed number if we want to use this trunk. These digits are removed from the number that will be provided to the PSTN SIP gateway.

`numberCompleteCheck(1)` : This property specify how we check that a number that begin with this dial-prefix is complete. In "match dial-plan" the number is complete when it match the internal dial-plan (included the dial-prefix). We check first if the number dialed is an internal-number and if not we send this call according to this dial-prefix. In "enterprise country-code" the number is considered as complete when it match the dial-plan of the country-code of the enterprise. In "complete after timeout" the number is considered as complete after a timeout or a hash sign dialing.

`gateway` : The gateway (gateway group or simple gateway) assigned to this trunk. If a gateway is defined, we will not use the field trunkAddress, but instead forward the call to this gateway (which is managed at supra level).

`useEnum` : Do we try to make an Enum resolution (if the enum service is configured) of the dialed pstn number before forwarding the call to the specified PSTN gateway.

`externalPrefix(10)` : The prefix that is added before the number in the SIP-URI on external calls.

`name(40)` :

`isDefaultDialPrefix` : Is this prefix the default dial-prefix of the enterprise?

Function getDialPrefix

Description :
This method can be used only if you are in an Enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING]
prefix [STRING] The digits that need to prefix the dialed number if we want to use this trunk. These digits are removed from the number that will be provided to the PSTN SIP gateway.
useEnum [BOOLEAN] Do we try to make an Enum resolution (if the enum service is configured) of the dialed pstn number before forwarding the call to the specified PSTN gateway.
gateway [STRING] The gateway (gateway group or simple gateway) assigned to this trunk. If a gateway is defined, we will not use the field trunkAddress, but instead forward the call to this gateway (which is managed at supra level).
trunkAddress [STRING] The trunkAddress is the "[enterprise][prefix][gw]@host[:port]" part of the SIP URI to which the SIP calls will be made. Enterprise, gw, prefix and port are optionals, but '@' and host are mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Enterprise must be formated like this: "." + enterpriseName where enterpriseName is the name of an Enterprise (known the server specified by the host part). Gw must be formated like this: ";gw=" + gatewayName where gatewayName is the name of a gateway (defined on the server specified by the host part). Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Port is the sip port of the SIP entity to which the SIP calls will be made. Deprecated

feature. Use instead the link to a gateway.

isDefaultDialPrefix [BOOLEAN] Is this prefix the default dial-prefix of the enterprise?

externalPrefix [STRING] The prefix that is added before the number in the SIP-URI on external calls.

numberCompleteCheck [STRING] (values :I=Match internal dial-plan, C=Number complete in enterprise country-code, T=Number complete after timeout,)This property specify how we check that a number that begin with this dial-prefix is complete. In "match dial-plan" the number is complete when it match the internal dial-plan (included the dial-prefix). We check first if the number dialed is an internal-number and if not we send this call according to this dial-prefix. In "enterprise country-code" the number is considered as complete when it match the dial-plan of the country-code of the enterprise. In "complete after timeout" the number is considered as complete after a timeout or a hash sign dialing.

<u>Return</u> :

DialPrefixs

Function createDialPrefix

<u>Description</u> :

create a DialPrefix in an enterprise. This method can be used only if you are in an Enterprise context.

<u>Parameters</u> :

name [STRING]

prefix [STRING] The digits that need to prefix the dialed number if we want to use this trunk. These digits are removed from the number that will be provided to the PSTN SIP gateway.

useEnum (false) [BOOLEAN] Do we try to make an Enum resolution (if the enum service is configured) of the dialed pstn number before forwarding the call to the specified PSTN gateway.

gateway [STRING] The gateway (gateway group or simple gateway) assigned to this trunk. If a gateway is defined, we will not use the field trunkAddress, but instead forward the call to this gateway (which is managed at supra level).

trunkAddress [STRING] The trunkAddress is the "[enterprise][prefix][gw]@host[:port]" part of the SIP URI to which the SIP calls will be made. Enterprise, gw, prefix and port are optionals, but '@' and host are mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Enterprise must be formated like this: "." + enterpriseName where enterpriseName is the name of an Enterprise (known the server specified by the host part). Gw must be formated like this: ";gw=" + gatewayName where gatewayName is the name of a gateway (defined on the server specified by the host part). Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Port is the sip port of the SIP entity to which the SIP calls will be made. Deprecated feature. Use instead the link to a gateway.

isDefaultDialPrefix (false) [BOOLEAN] Is this prefix the default dial-prefix of the enterprise?

externalPrefix [STRING] The prefix that is added before the number in the SIP-URI on external calls.

numberCompleteCheck (C) [STRING] (values :I=Match internal dial-plan, C=Number complete in enterprise country-code, T=Number complete after timeout,)This property specify how we check that a number that begin with this dial-prefix is complete. In "match dial-plan" the number is complete when it match the internal dial-plan (included the dial-prefix). We check first if the number dialed is an internal-number and if not we send this call according to this dial-prefix. In "enterprise country-code" the number is considered as complete when it match the dial-plan of the country-code of the enterprise. In "complete after timeout" the number is considered as complete after a timeout or a hash sign dialing.

<u>Return</u> :

return DialPrefixBean new element created

Function deleteDialPrefix

<u>Description</u> :

delete a DialPrefix. This method can be used only if you are in an Enterprise context.

<u>Parameters</u> :

name [STRING]

<u>Return</u> :

return true if it is successfull

Function updateDialPrefix

<u>Description</u> :

update a DialPrefix. This method can be used only if you are in an Enterprise context.

<u>Parameters</u> :

selectedName [STRING] DialPrefix we want to modify

name [STRING]

prefix [STRING] The digits that need to prefix the dialed number if we want to use this trunk. These digits are removed from the number that will be provided to the PSTN SIP gateway.

useEnum [BOOLEAN] Do we try to make an Enum resolution (if the enum service is configured) of the dialed pstn number before forwarding the call to the specified PSTN gateway.

gateway [STRING] The gateway (gateway group or simple gateway) assigned to this trunk. If a gateway is defined, we will not use the field trunkAddress, but instead forward the call to this gateway (which is managed at supra level).

trunkAddress [STRING] The trunkAddress is the "[enterprise][prefix][gw]@host[:port]" part of the SIP URI to which the SIP calls will be made. Enterprise, gw, prefix and port are optionals, but '@' and host are mandatory. Host can be an IP address or a DNS name (including SRV DNS entry) Enterprise must be formated like this: "." + enterpriseName where enterpriseName is the name of an Enterprise (known the server specified by the host part). Gw must be formated like this: ";gw=" + gatewayName where gatewayName is the name of a gateway (defined on the server specified by the host part). Prefix must be formated like this: ";prefix=" + prefixName where prefixName is a prefix that will be added in front of the called-number sent in the SIP-URI. Port is the sip port of the SIP entity to which the SIP calls will be made. Deprecated feature. Use instead the link to a gateway.

isDefaultDialPrefix [BOOLEAN] Is this prefix the default dial-prefix of the enterprise?

externalPrefix [STRING] The prefix that is added before the number in the SIP-URI on external calls.

numberCompleteCheck [STRING] (values :I=Match internal dial-plan, C=Number complete in enterprise country-code, T=Number complete after timeout,)This property specify how we check that a number that begin with this dial-prefix is complete. In "match dial-plan" the number is complete when it match the internal dial-plan (included the dial-prefix). We check first if the number dialed is an internal-number and if not we send this call according to this dial-prefix. In "enterprise country-code" the number is considered as complete when it match the dial-plan of the country-code of the enterprise. In "complete after timeout" the number is considered as complete after a timeout or a hash sign dialing.

<u>Return</u> :

return DialPrefixBean element updated

2.4.4 Site

Object : <u>SiteBean</u>
`pilotPstn` : pilot pstn
`location(40)` : The location information used to route emergency-calls. These location are usually loaded from a file that contains all the possible locations.
`localGateway` : A local gateway assigned to this Site. This gateway is set as the SRST for device on this Site (when SRST is enabled on devices).
`isDefaultSite` : Is this site the default site of the Community?
`cscfGateway` :
`defaultNetworkDomain` : The network domain where the device of this site are located by default, never null. Can be updated by a specific domain in each device.
`name(40)` :
`externalCallLimit` : The limit on the number of external calls (calls in which the media streams out of the Site). A new call is refused if the limit is overtaken (unless it's an emergency call).

Function getSite

<u>Description</u> :
This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING]
location [STRING] The location information used to route emergency-calls. These location are usually loaded from a file that contains all the possible locations.
isDefaultSite [BOOLEAN] Is this site the default site of the Community?
defaultNetworkDomain [STRING] The network domain where the device of this site are located by default, never null. Can be updated by a specific domain in each device.
localGateway [STRING] A local gateway assigned to this Site. This gateway is set as the SRST for device on this Site (when SRST is enabled on devices).
externalCallLimit [NUMBER] The limit on the number of external calls (calls in which the media streams out of the Site). A new call is refused if the limit is overtaken (unless it's an emergency call).
<u>Return</u> :
Sites

Function createSite

<u>Description</u> :
create a Site in an enterprise. This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
name* [STRING]
location [STRING] The location information used to route emergency-calls. These location are usually loaded from a file that contains all the possible locations.
isDefaultSite (false) [BOOLEAN] Is this site the default site of the Community?
defaultNetworkDomain (NetworkDomain-0) [STRING] The network domain where the device of this site are located by default, never null. Can be updated by a specific domain in each device. **localGateway** [STRING] A local gateway assigned to this Site. This gateway is set as the SRST for device on this Site (when SRST is enabled on devices).
externalCallLimit (-1) [NUMBER] The limit on the number of external calls (calls in which the media streams out of the Site). A new call is refused if the limit is overtaken (unless it's an emergency call).
pilotPstn [UNSUPPORTED] pilot pstn
cscfGateway [UNSUPPORTED]

Return :
return SiteBean new element created

Function deleteSite

Description :
delete a Site. This method can be used only if you are in an enterprise context.
Parameters :
name* [STRING]
Return :
return true if it is successfull

Function updateSite

Description :
update a Site. This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] Site we want to modify
name [STRING]
location [STRING] The location information used to route emergency-calls. These location are usually loaded from a file that contains all the possible locations.
isDefaultSite [BOOLEAN] Is this site the default site of the Community?
defaultNetworkDomain [STRING] The network domain where the device of this site are located by default, never null. Can be updated by a specific domain in each device.
localGateway [STRING] A local gateway assigned to this Site. This gateway is set as the SRST for device on this Site (when SRST is enabled on devices).
externalCallLimit [NUMBER] The limit on the number of external calls (calls in which the media streams out of the Site). A new call is refused if the limit is overtaken (unless it's an emergency call).
pilotPstn [UNSUPPORTED] pilot pstn
cscfGateway [UNSUPPORTED]
Return :
return SiteBean element updated

Function siteCreateTagDefinition

Description :
Create a tag Definition. This method can be used only if you are in a platform owner context. Parameters :
name [STRING]
value [STRING]
definition [STRING]
Return :
return Tag Definition created

Function siteUpdateTagDefinition

Description :
Update a tag Definition. This method can be used only if you are in a platform owner context.
Parameters :
selectedTagName* [STRING] selected tagDefinition to update
name [STRING]
value [STRING]
definition [STRING]
Return :

return a Tag Definition updated

Function siteDeleteTagDefinition
<u>Description</u> :
delete a tag Definition. This method can be used only if you are in a platform owner context.
<u>Parameters</u> :
selectedTagName* [STRING] selected tagDefinition to delete
<u>Return</u> :
return a Tag Definition deleted

Function siteAssignTagDefValue
<u>Description</u> :
assign the tag value property (ex selectedPropertyName=SIP_OUTBOUND_PROXY_HOST) for a site
This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
selectedSiteName* [STRING] selected Site
selectedPropertyName* [STRING] selected Propertydef name
value [STRING]
<u>Return</u> :
return Property

Function siteUnassignTagDefValue
<u>Description</u> :
the tag value property (ex selectedPropertyName=SIP_OUTBOUND_PROXY_HOST) for a site This method
can be used only if you are in an enterprise context.
<u>Parameters</u> :
selectedSiteName* [STRING] selected Site
selectedPropertyName* [STRING] selected Propertydef name
<u>Return</u> :
return Property

Function siteGetTagDefValues
<u>Description</u> :
get all tag Values for selected site This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
selectedSiteName* [STRING] selected Site
name [STRING]
<u>Return</u> :
Propertys.

Function siteGetAllTagDefValues
<u>Description</u> :
get all tag Def Values for all sites This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING]
<u>Return</u> :
Propertys

2.4.5 Department

Object : <u>DepartmentBean</u>
`enterprise` : The Enterprise in which this department is part of.
`name(200)` :
`parentpath` : The parent department

Function getDepartment
<u>Description</u> :
Get a departement, using its name or path This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING]
path [STRING] The path-name contains the hierarchy of departments including this one, separated by a '/'. The enterprise name is not included in this path.
<u>Return</u> :
Departments

Function createDepartment
<u>Description</u> :
create a Department in an enterprise. This method can be used only if you are authenticated.
<u>Parameters</u> :
name [STRING]
enterprise* [STRING] The Enterprise in which this department is part of.
parentpath [STRING] The parent department
<u>Return</u> :
return DepartmentBean new element created

Function deleteDepartment
<u>Description</u> :
delete a Department. This method can be used only if you are authenticated.
<u>Parameters</u> :
path* [STRING] The path-name contains the hierarchy of departments including this one, separated by a '/'. The enterprise name is not included in this path.
<u>Return</u> :
return true if it is successfull

Function updateDepartment
<u>Description</u> :
update a Department. This method can be used only if you are authenticated.
<u>Parameters</u> :
selectedpath* [STRING] Department we want to modify
selectedenterprise* [STRING] The Enterprise in which this department is part of.
name [STRING]
<u>Return</u> :
return DepartmentBean element updated

2.4.6 SpeedDial

Object : `SpeedDialBean`

`plmnNumbers` : The plmnNumbers (not pstn-numbers) that are assigned to this address. We put first the default plmn number if any.

`extension(100)` : The internal number assigned to this extension.

`hiddenDirectory` : Is this address visible to the Community main directory?

`urlPhoto(1000)` : An url photo linked to the internalAddress

`billingCallType(40)` : This property defines the call-type rule to applied in the billing process for external calls that are established between two communities that are part of this peering. If multiple peerings match the two communities we will use the call-type rule of the most precise peering from the caller community point of view.

`label(100)` : The label set on this address.

`isWebCallBack` : Do we autorize or not the Web Call Back on the internal address

`webIdentity(40)` : web id for internalAddress

`pstnNumbers` : The pstnNumbers (not plnn-numbers) that are assigned to this address. We put first the default pstn number if any.

`isWebVoiceCard` : Do we autorize or not the Web Voice card on the internal address

`externalDestination(25)` : The forwarding destination of this speed-dial.

Function getSpeedDial

Description :

This method can be used only if you are in an Enterprise context.

Parameters :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

extension [STRING] The internal number assigned to this extension.

label [STRING] The label set on this address.

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

externalDestination [STRING] The forwarding destination of this speed-dial.

isWebCallBack [BOOLEAN] Do we autorize or not the Web Call Back on the internal address

isWebVoiceCard [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress

webIdentity [STRING] web id for internalAddress

Return :

SpeedDials

Function createSpeedDial

Description :

create a SpeedDial in an enterprise. This method can be used only if you are in an Enterprise context.

Parameters :

extension* [STRING] The internal number assigned to this extension.

label [STRING] The label set on this address.

hiddenDirectory (false) [BOOLEAN] Is this address visible to the Community main directory?

externalDestination [STRING] The forwarding destination of this speed-dial.

isWebCallBack (false) [BOOLEAN] Do we autorize or not the Web Call Back on the internal address

isWebVoiceCard (false) [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress

webIdentity [STRING] web id for internalAddress

billingCallType [STRING] This property defines the call-type rule to applied in the billing process for external calls that are established between two communities that are part of this peering. If multiple peer-

ings match the two communities we will use the call-type rule of the most precise peering from the caller community point of view.

Return :

return SpeedDialBean new element created

Function deleteSpeedDial

Description :

delete a SpeedDial. This method can be used only if you are in an Enterprise context.

Parameters :

extension* [STRING] The internal number assigned to this extension.

Return :

return true if it is successfull

Function updateSpeedDial

Description :

update a SpeedDial. This method can be used only if you are in an Enterprise context.

Parameters :

selectedExtension* [STRING] SpeedDial we want to modify

extension [STRING] The internal number assigned to this extension.

label [STRING] The label set on this address.

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

externalDestination [STRING] The forwarding destination of this speed-dial.

isWebCallBack [BOOLEAN] Do we autorize or not the Web Call Back on the internal address

isWebVoiceCard [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress

webIdentity [STRING] web id for internalAddress

billingCallType [STRING] This property defines the call-type rule to applied in the billing process for external calls that are established between two communities that are part of this peering. If multiple peerings match the two communities we will use the call-type rule of the most precise peering from the caller community point of view.

Return :

return SpeedDialBean element updated

2.4.7 User

Object : `UserBean`

`manualCustomCallerID(30)`   : The user customCallerID from manual setting.

`faxNumbers` : The property fax numbers return FaxAddress.pnNumbers.

`departmentPathName` : The department which this user belongs to.

`emails(120)`   : The emails related to this user (separated by ';').

`extraCustomCallerIDList(100)`   : The list (id) of extraCustomCallerID The format is : id1,id2,id3 .....

`customCallerIDMapping(512)`   : The mapping between the presence-state and the customCallerID. The presence-state can be an intermediate presence-state. To map all presence-state, the presence-state defaultPS can be used.

`defaultCalendarPresenceStateP(512)`   : The default PresenceState calendar if no slot are defined at current time

`faxExtensionNumber` : The fax-address linked to this IUser.

`additionalExplanations(4000)`   : Some free text additional explanations

`password(128)`   : The user password (contain only numbers).

`allowPresenceStateUpdateFromUI` : Do we allow the webUIs (webadmin/XPad/MyIstra) to update the property manualPresenceState.

`customCallerID` : The user custom callerID on external outgoing calls computed from manualCustomCallerID or from mapping of presencestate. (depending on customCallerIDChoice). Read Only param

`costCenter(255)`   : Cost center.

`accessCtrlSystemPersonId(255)`   : Access Control System person ID

`professionalPostalAddress` : The user professional postal address.

`postalAddress(200)`   : The user personnal postal address.

`officeReferenceID(255)`   : Internal address, office reference ID

`additionalInfo(4000)`   : Some free text additional informations

`lastName(40)`   : The user lastname.

`corporateUserId(50)`   : corporate user Id.

`externalUserID(40)`   :

`vmNotification` : The type of notification voice mail

`manualCustomPresenceState(512)`   : The user's customPresenceState from manual setting.

`nickName(100)`   : An alias name for the user.

`mobileNumber(20)`   : The user mobile number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.

`status` : This is an obsolete prop, value not used

`manualPresenceState(512)`   : The user's presenceState set by user

`login(81)`   : The login of the user is a field that uniquely identify this IUser on the cluster.

`presenceStateChoice` : This is an obsolete prop, value not used

`location(255)`   : Location information of user.

`protectedFields(512)`   : fields to hide to end user

`updateStatusTime` : This is an obsolete prop, value not used

`extension` : The user's extension

`duties(512)`   : list of strings commer separated (or any escape character)

`locked` : User status : locked or not

`customCallerIDPolicy` : The values-allowed for users customCallerID.

`title(255)`   : The user title.

`forceTwoStepAuthentication` : forces tow level authentication for this User.

`contactInformation(65535)`   : other contact Information

`firstName(40)`   : The user firstname.

`customPresenceState` : The user's customPresenceState computed.

`updateStatus` : This is an obsolete prop, value not used

`accessCtrlSystemStatus(255)`   : Access Control System status

`privateBillOnRestrictedCallFromMobilePhone` : setting that enable bypass RCR on mobile-

phone calls

`homeNumber(20)` : The user home number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.

`isACDSupervisor` : Is this IUser an ACDSupervisor. This allow this IUser to login in the ACDConsole, and in the ACDStat application.

`language` : The language of the IUser.

Function getUser

<u>Description</u> :

This method can be used only if you are authenticated.

<u>Parameters</u> :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

login [STRING] The login of the user is a field that uniquely identify this IUser on the cluster.

extension [STRING] The user's extension

firstName [STRING] The user firstname.

lastName [STRING] The user lastname.

emails [STRING] The emails related to this user (separated by ';').

title [STRING] The user title.

homeNumber [STRING] The user home number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.

mobileNumber [STRING] The user mobile number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.

postalAddress [STRING] The user personnal postal address.

customCallerID [STRING] The user custom callerID on external outgoing calls computed from manualCustomCallerID or from mapping of presencestate. (depending on customCallerIDChoice). Read Only param

departmentPathName [STRING] The department which this user belongs to.

vmNotification [NUMBER] (values :0=No notification, 1=Notification by email, 2=Notification by email with VM attached,)The type of notification voice mail

externalUserID [STRING]

manualPresenceState [STRING] (values :$professionalActivity$atDesk$available=$professionalActivity$atDesk$available, $professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting $customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity $notAtDesk$meeting$courseTraining, $professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,)The user's presenceState set by user

presenceStateChoice [STRING] This is an obsolete prop, value not used

defaultCalendarPresenceStateP [STRING] (values :$professionalActivity$atDesk$available=$professionalActivity$atDesk $available, $professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting $customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity $notAtDesk$meeting$courseTraining, $professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,)The default PresenceState calendar if no slot are defined at current time

faxExtensionNumber [STRING] The fax-address linked to this IUser.

nickName [STRING] An alias name for the user.

officeReferenceID [STRING] Internal address, office reference ID

costCenter [STRING] Cost center.

contactInformation [STRING] other contact Information

duties [LIST] list of strings commer separated (or any escape character)

location [STRING] Location information of user.
additionalExplanations [STRING] Some free text additional explanations
corporateUserId [STRING] corporate user Id.
additionalInfo [STRING] Some free text additional informations
Return :
Users

     Function createUser

Description :
create a User in an enterprise. This method can be used only if you are authenticated.
Parameters :
login* [STRING] The login of the user is a field that uniquely identify this IUser on the cluster.
password [STRING] The user password (contain only numbers).
extension [STRING] The user's extension
firstName [STRING] The user firstname.
lastName [STRING] The user lastname.
emails [STRING] The emails related to this user (separated by ';').
title [STRING] The user title.
homeNumber [STRING] The user home number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.
mobileNumber [STRING] The user mobile number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.
postalAddress [STRING] The user personnal postal address.
manualCustomCallerID [STRING] The user customCallerID from manual setting.
departmentPathName [STRING] The department which this user belongs to.
isACDSupervisor (false) [BOOLEAN] Is this IUser an ACDSupervisor. This allow this IUser to login in the ACDConsole, and in the ACDStat application.
vmNotification (0) [NUMBER] (values :0=No notification, 1=Notification by email, 2=Notification by email with VM attached,)The type of notification voice mail
externalUserID [STRING]
manualPresenceState [STRING] (values :$professionalActivity$atDesk$available=$professionalActivity$atDesk$available, $professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting $customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity $notAtDesk$meeting$courseTraining, $professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,)The user's presenceState set by user
presenceStateChoice (1) [STRING] This is an obsolete prop, value not used
defaultCalendarPresenceStateP ($professionalActivity$atDesk$available) [STRING] (values :$professionalActivity$atDesk$available=$professionalActivity$atDesk$available, $professionalActivity$atDesk$working= $professionalActivity$atDesk$w $professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActivity$notAtDesk$meeting$customerMeeting, $professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity$notAtDesk$meeting$courseTraining, $professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,)The default PresenceState calendar if no slot are defined at current time
faxExtensionNumber [STRING] The fax-address linked to this IUser.
nickName [STRING] An alias name for the user.
officeReferenceID [STRING] Internal address, office reference ID
costCenter [STRING] Cost center.
contactInformation [STRING] other contact Information
duties [LIST] list of strings commer separated (or any escape character)
location [STRING] Location information of user.

additionalExplanations [STRING] Some free text additional explanations

corporateUserId [STRING] corporate user Id.

additionalInfo [STRING] Some free text additional informations

accessCtrlSystemPersonId [STRING] Access Control System person ID

accessCtrlSystemStatus [STRING] Access Control System status

manualCustomPresenceState [STRING] The user's customPresenceState from manual setting.

privateBillOnRestrictedCallFromMobilePhone (false) [BOOLEAN] setting that enable bypass RCR on mobile-phone calls

customCallerIDPolicy (3) [NUMBER] (values :5=User pstns, 6=User pstns and group pstns, 0=User pstns and pilot-number, 1=User pstns, pilot-number and group pstns, 2=All enterprise pstns., 3=Inherits from enterprise custom caller ID policy,)The values-allowed for users customCallerID.

extraCustomCallerIDList [STRING] The list (id) of extraCustomCallerID The format is : id1,id2,id3 .....

allowPresenceStateUpdateFromUI (true) [BOOLEAN] Do we allow the webUIs (webadmin/XPad/My-Istra) to update the property manualPresenceState.

professionalPostalAddress [STRING] The user professional postal address.

forceTwoStepAuthentication (false) [BOOLEAN] forces tow level authentication for this User.

customCallerIDMapping [UNSUPPORTED] The mapping between the presence-state and the custom-CallerID. The presence-state can be an intermediate presence-state. To map all presence-state, the presence-state defaultPS can be used.

language [STRING] The language of the IUser.

<u>Return</u> :

return UserBean new element created

Function deleteUser

<u>Description</u> :

Delete a user. This method can be used only if you are authenticated.

<u>Parameters</u> :

login* [STRING] The login of the user is a field that uniquely identify this IUser on the cluster.

<u>Return</u> :

return true if it is successfull

Function updateUser

<u>Description</u> :

Update a User. This method can be used only if you are authenticated.

<u>Parameters</u> :

selectedlogin* [STRING] user we want to modify

login [STRING] The login of the user is a field that uniquely identify this IUser on the cluster. **password** [STRING] The user password (contain only numbers).

extension [STRING] The user's extension

firstName [STRING] The user firstname.

lastName [STRING] The user lastname.

emails [STRING] The emails related to this user (separated by ';').

title [STRING] The user title.

homeNumber [STRING] The user home number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.

mobileNumber [STRING] The user mobile number. Must be a valid number in the dial-plan defined by the community country-code, or formatted in an E164 format.

postalAddress [STRING] The user personnal postal address.

manualCustomCallerID [STRING] The user customCallerID from manual setting.

departmentPathName [STRING] The department which this user belongs to.

isACDSupervisor [BOOLEAN] Is this IUser an ACDSupervisor. This allow this IUser to login in the

ACDConsole, and in the ACDStat application.

status [STRING] This is an obsolete prop, value not used

updateStatusTime [STRING] This is an obsolete prop, value not used

updateStatus [STRING] This is an obsolete prop, value not used

vmNotification [NUMBER] (values :0=No notification, 1=Notification by email, 2=Notification by email with VM attached,)The type of notification voice mail

externalUserID [STRING]

manualPresenceState [STRING] (values :$professionalActivity$atDesk$available=$professionalActivity$atDesk$available,
$professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity$notAtDesk$meeting$courseTraining,
$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away,
$personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,
)The user's presenceState set by user

presenceStateChoice [STRING] This is an obsolete prop, value not used

defaultCalendarPresenceStateP [STRING] (values :$professionalActivity$atDesk$available=$professionalActivity$atDesk$available,
$professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity$notAtDesk$meeting$courseTraining,
$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away,
$personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,
)The default PresenceState calendar if no slot are defined at current time

faxExtensionNumber [STRING] The fax-address linked to this IUser.

nickName [STRING] An alias name for the user.

officeReferenceID [STRING] Internal address, office reference ID

costCenter [STRING] Cost center.

contactInformation [STRING] other contact Information

duties [LIST] list of strings commer separated (or any escape character)

location [STRING] Location information of user.

additionalExplanations [STRING] Some free text additional explanations

corporateUserId [STRING] corporate user Id.

additionalInfo [STRING] Some free text additional informations

accessCtrlSystemPersonId [STRING] Access Control System person ID

accessCtrlSystemStatus [STRING] Access Control System status

manualCustomPresenceState [STRING] The user's customPresenceState from manual setting.

privateBillOnRestrictedCallFromMobilePhone [BOOLEAN] setting that enable bypass RCR on mobile-phone calls

customCallerIDPolicy [NUMBER] (values :5=User pstns, 6=User pstns and group pstns, 0=User pstns and pilot-number, 1=User pstns, pilot-number and group pstns, 2=All enterprise pstns., 3=Inherits from enterprise custom caller ID policy,)The values-allowed for users customCallerID.

extraCustomCallerIDList [STRING] The list (id) of extraCustomCallerID The format is : id1,id2,id3

allowPresenceStateUpdateFromUI [BOOLEAN] Do we allow the webUIs (webadmin/XPad/MyIstra) to update the property manualPresenceState.

professionalPostalAddress [STRING] The user professional postal address.

locked [BOOLEAN] User status : locked or not

forceTwoStepAuthentication [BOOLEAN] forces tow level authentication for this User. **customCallerIDMapping** [UNSUPPORTED] The mapping between the presence-state and the custom-CallerID. The presence-state can be an intermediate presence-state. To map all presence-state, the presence-state defaultPS can be used.

language [STRING] The language of the IUser.

<u>Return :</u>

return SiteBean element updated

Function hideField

Description :

make a User field hidden, in an enterprise. This method can be used only if you are authenticated.

Parameters :

login* [STRING] The login of the user is a field that uniquely identify this IUser on the cluster.

protectedFields [STRING] (values :presenceState=presence state, customPresenceState=custom presence state, homeNumber=private home number, mobileNumber=mobil home number, nickName=nickanme, phoneNumbers=phoneNumbers, postalAddress=postalAddress, officeReferenceID=officeReferenceID, cost-Center=costCenter, contactInformation=contactInformation, duties=duties, location=location, additional-Info=additionalInfo, additionalExplanations=additionalExplanations, corporateUserId=corporateUserId, ac-cessCtrlSystemPersonId=accessCtrlSystemPersonId, accessCtrlSystemStatus=accessCtrlSystemStatus, pro-fessionalPostalAddresses=professionalPostalAddresses, emails=emails,)fields to hide to end user

Return :

Boolean

Function unhideField

Description :

unhide an already hidden User field in an enterprise. This method can be used only if you are authenticated.

Parameters :

login* [STRING] The login of the user is a field that uniquely identify this IUser on the cluster.

protectedFields [STRING] (values :presenceState=presence state, customPresenceState=custom presence state, homeNumber=private home number, mobileNumber=mobil home number, nickName=nickanme, phoneNumbers=phoneNumbers, postalAddress=postalAddress, officeReferenceID=officeReferenceID, cost-Center=costCenter, contactInformation=contactInformation, duties=duties, location=location, additional-Info=additionalInfo, additionalExplanations=additionalExplanations, corporateUserId=corporateUserId, ac-cessCtrlSystemPersonId=accessCtrlSystemPersonId, accessCtrlSystemStatus=accessCtrlSystemStatus, pro-fessionalPostalAddresses=professionalPostalAddresses, emails=emails,)fields to hide to end user

Return :

Boolean

2.4.8 UserExtension

Object : `UserExtensionBean`
`isMyReportsAllowed` : Allow user extension to use myReports.
`hasAcdCallPad` : This allow this extension to use the ACDCallPad application.
`dnd` : Do not disturb.
`maxTerminalConnectionsOnSoftphone` : The maximal number of connections that we allow on the softphone terminals before applying triggers on busy.
`isSwitchBoardAllowed` : Allow the connection of the CTI application Switchboard on this extension.
`isCallBackFeatureAllowed` : control the call-backs requests (made from USSD or SMS) on MobileTerminals.
`isClickToCallFEAllowed` : Allow the connection of the CTI application clickToCallTromEverywhere on this extension.
`callsRecorded` : Do we record all calls, made from/to this internal-address.
`hasOnTheFlyRecordingRight` : Has the user the right to record its current call (from CTI application or using softkey/feature-code).
`softphoneG729` : Allow extension to use voicePad G729.
`isMultiStageDialing` : Allow user extension to use MultiStageDialing.
`maxSoftphone` : Allow (0-1) softphone-voicepad connection related to this extension in addition to the physical terminals.
`allowConferenceMaster` : If the extension can be a conference master in scheduled conference
`hiddenDirectory` : Is this address visible to the Community main directory?
`isWebXpad` : Allow user extension to use webxpad.
`isACDAgent` : Is this Extension an ACDAgent. This allow this extensions to be part of an ACDGroup.
`isCTIMonitoringOfPersonalCallsAllowed` : Do we allow the user in CTI applications to monitor and intrude call they have a specific role in it.
`isXpadApp` : Allow user extension to use the xpad application (this setting doesn't apply to Web XPad).
`isWebVoiceCard` : Do we autorize or not the Web Voice card on the internal address
`webIdentity(40)` : web id for internalAddress
`protectedFields(512)` : fields to hide to end user
`hideCallerID` : Should we hide the callerID on outgoing calls?
`dropCallWaiting` : Should we drop incoming-calls when we already are within a call?
`isTapiDriverAllowed` : Allow the connection of the CTI applications based on the TapiDriver on this extension.
`isVideoSoftphone` : Allow extension to use VideoSoftphone.
`pickupAndBLFCallerIDPolicy` : This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.
`number(100)` : The internal number assigned to this extension.
`label(100)` : The label set on this address.
`isExternalConferenceAllowed` : Does the external conference services are active on this Extension.
`isUssd` : Allow user extension to use ussd application (USSD based configuration interface).
`isWebSoftphone` : Allow extension to use WebSoftPhone.
`urlPhoto(1000)` : An url photo linked to the internalAddress
`isWebCallBack` : Do we autorize or not the Web Call Back on the internal address
`isMyIstra` : Allow user extension to use MyIstra.

Function getUserExtension
Description :
This method can be used only if you are in an enterprise context.
Parameters :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

number [DIGIT] The internal number assigned to this extension.

label [STRING] The label set on this address.

maxSoftphone [NUMBER] (values :0=Not allowed, 1=allowed, 2=allowed with end-2-end encrypted voice,)Allow (0-1) softphone-voicepad connection related to this extension in addition to the physical terminals.

dnd [BOOLEAN] Do not disturb.

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

hideCallerID [BOOLEAN] Should we hide the callerID on outgoing calls?

isACDAgent [BOOLEAN] Is this Extension an ACDAgent. This allow this extensions to be part of an ACDGroup.

dropCallWaiting [BOOLEAN] Should we drop incoming-calls when we already are within a call?

softphoneG729 [BOOLEAN] Allow extension to use voicePad G729.

isVideoSoftphone [BOOLEAN] Allow extension to use VideoSoftphone.

isWebSoftphone [BOOLEAN] Allow extension to use WebSoftPhone.

isClickToCallFEAllowed [BOOLEAN] Allow the connection of the CTI application clickToCallTromEverywhere on this extension.

isSwitchBoardAllowed [BOOLEAN] Allow the connection of the CTI application Switchboard on this extension.

isTapiDriverAllowed [BOOLEAN] Allow the connection of the CTI applications based on the TapiDriver on this extension.

callsRecorded [BOOLEAN] Do we record all calls, made from/to this internal-address. **isWebCallBack** [BOOLEAN] Do we autorize or not the Web Call Back on the internal address **isWebVoiceCard** [BOOLEAN] Do we autorize or not the Web Voice card on the internal address **urlPhoto** [STRING] An url photo linked to the internalAddress

hasAcdCallPad [BOOLEAN] This allow this extension to use the ACDCallPad application.

maxTerminalConnectionsOnSoftphone [NUMBER] The maximal number of connections that we allow on the softphone terminals before applying triggers on busy.

webIdentity [STRING] web id for internalAddress

isCTIMonitoringOfPersonalCallsAllowed [BOOLEAN] Do we allow the user in CTI applications to monitor and intrude call they have a specific role in it.

pickupAndBLFCallerIDPolicy [NUMBER] (values :0=No one is able to pickup my call and CallerID not visible, 1=Only extension in a same group and group members are able to pickup and see BLF caller-ID, 2=Anyone can pickup and see BLF caller-ID,)This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.

isMyIstra [BOOLEAN] Allow user extension to use MyIstra.

isMultiStageDialing [BOOLEAN] Allow user extension to use MultiStageDialing.

allowConferenceMaster [BOOLEAN] If the extension can be a conference master in scheduled conference

isUssd [BOOLEAN] Allow user extension to use ussd application (USSD based configuration interface).

isWebXpad [BOOLEAN] Allow user extension to use webxpad.

isXpadApp [BOOLEAN] Allow user extension to use the xpad application (this setting doesn't apply to Web XPad).

hasOnTheFlyRecordingRight [BOOLEAN] Has the user the right to record its current call (from CTI application or using softkey/feature-code).

isCallBackFeatureAllowed [BOOLEAN] control the call-backs requests (made from USSD or SMS) on MobileTerminals.

Return :

UserExtensions

Function createUserExtension

Description :

create an UserExtension in an enterprise. This method can be used only if you are in an enterprise context.

Parameters :

number* [DIGIT] The internal number assigned to this extension.

label [STRING] The label set on this address.

maxSoftphone (0) [NUMBER] (values :0=Not allowed, 1=allowed, 2=allowed with end-2-end encrypted voice,)Allow (0-1) softphone-voicepad connection related to this extension in addition to the physical terminals.

dnd (false) [BOOLEAN] Do not disturb.

hiddenDirectory (false) [BOOLEAN] Is this address visible to the Community main directory?

hideCallerID (false) [BOOLEAN] Should we hide the callerID on outgoing calls?

isACDAgent (false) [BOOLEAN] Is this Extension an ACDAgent. This allow this extensions to be part of an ACDGroup.

dropCallWaiting (false) [BOOLEAN] Should we drop incoming-calls when we already are within a call?

softphoneG729 (false) [BOOLEAN] Allow extension to use voicePad G729.

isVideoSoftphone (false) [BOOLEAN] Allow extension to use VideoSoftphone.

isWebSoftphone (false) [BOOLEAN] Allow extension to use WebSoftPhone. **isClickToCallFEAllowed (false)** [BOOLEAN] Allow the connection of the CTI application clickToCall-TromEverywhere on this extension.

isSwitchBoardAllowed (false) [BOOLEAN] Allow the connection of the CTI application Switchboard on this extension.

isTapiDriverAllowed (false) [BOOLEAN] Allow the connection of the CTI applications based on the TapiDriver on this extension.

callsRecorded (false) [BOOLEAN] Do we record all calls, made from/to this internal-address.

isWebCallBack (false) [BOOLEAN] Do we autorize or not the Web Call Back on the internal address

isWebVoiceCard (false) [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress

hasAcdCallPad (false) [BOOLEAN] This allow this extension to use the ACDCallPad application.

maxTerminalConnectionsOnSoftphone (2) [NUMBER] The maximal number of connections that we allow on the softphone terminals before applying triggers on busy.

webIdentity [STRING] web id for internalAddress

isCTIMonitoringOfPersonalCallsAllowed (false) [BOOLEAN] Do we allow the user in CTI applications to monitor and intrude call they have a specific role in it.

pickupAndBLFCallerIDPolicy (0) [NUMBER] (values :0=No one is able to pickup my call and CallerID not visible, 1=Only extension in a same group and group members are able to pickup and see BLF caller-ID, 2=Anyone can pickup and see BLF caller-ID,)This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.

isMyIstra (false) [BOOLEAN] Allow user extension to use MyIstra.

isMultiStageDialing (false) [BOOLEAN] Allow user extension to use MultiStageDialing.

allowConferenceMaster (false) [BOOLEAN] If the extension can be a conference master in scheduled conference

isUssd (false) [BOOLEAN] Allow user extension to use ussd application (USSD based configuration interface).

isWebXpad (false) [BOOLEAN] Allow user extension to use webxpad.

isXpadApp (false) [BOOLEAN] Allow user extension to use the xpad application (this setting doesn't apply to Web XPad).

hasOnTheFlyRecordingRight (false) [BOOLEAN] Has the user the right to record its current call (from CTI application or using softkey/feature-code).

isCallBackFeatureAllowed (false) [BOOLEAN] control the call-backs requests (made from USSD or SMS) on MobileTerminals.

isExternalConferenceAllowed (false) [BOOLEAN] Does the external conference services are active on this Extension.

isMyReportsAllowed (true) [BOOLEAN] Allow user extension to use myReports.

Return :

return UserExtensionBean new element created

Function deleteUserExtension

Description :

delete an UserExtension . This method can be used only if you are in an enterprise context.

Parameters :

selectedNumber* [DIGIT] The internal number assigned to this extension.

Return :

return true if it is successfull

Function updateUserExtension

Description :

update an UserExtension. This method can be used only if you are in an enterprise context.

Parameters :

selectedNumber* [DIGIT] UserExtension that we want to modify

label [STRING] The label set on this address.

maxSoftphone [NUMBER] (values :0=Not allowed, 1=allowed, 2=allowed with end-2-end encrypted voice,)Allow (0-1) softphone-voicepad connection related to this extension in addition to the physical terminals.

dnd [BOOLEAN] Do not disturb.

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

hideCallerID [BOOLEAN] Should we hide the callerID on outgoing calls?

isACDAgent [BOOLEAN] Is this Extension an ACDAgent. This allow this extensions to be part of an ACDGroup.

dropCallWaiting [BOOLEAN] Should we drop incoming-calls when we already are within a call?

softphoneG729 [BOOLEAN] Allow extension to use voicePad G729.

isVideoSoftphone [BOOLEAN] Allow extension to use VideoSoftphone.

isWebSoftphone [BOOLEAN] Allow extension to use WebSoftPhone.

isClickToCallFEAllowed [BOOLEAN] Allow the connection of the CTI application clickToCallTromEv-erywhere on this extension.

isSwitchBoardAllowed [BOOLEAN] Allow the connection of the CTI application Switchboard on this extension.

isTapiDriverAllowed [BOOLEAN] Allow the connection of the CTI applications based on the TapiDriver on this extension.

callsRecorded [BOOLEAN] Do we record all calls, made from/to this internal-address. **isWebCallBack** [BOOLEAN] Do we autorize or not the Web Call Back on the internal address **isWebVoiceCard** [BOOLEAN] Do we autorize or not the Web Voice card on the internal address **urlPhoto** [STRING] An url photo linked to the internalAddress

hasAcdCallPad [BOOLEAN] This allow this extension to use the ACDCallPad application.

maxTerminalConnectionsOnSoftphone [NUMBER] The maximal number of connections that we allow on the softphone terminals before applying triggers on busy.

webIdentity [STRING] web id for internalAddress

isCTIMonitoringOfPersonalCallsAllowed [BOOLEAN] Do we allow the user in CTI applications to monitor and intrude call they have a specific role in it.

pickupAndBLFCallerIDPolicy [NUMBER] (values :0=No one is able to pickup my call and CallerID not visible, 1=Only extension in a same group and group members are able to pickup and see BLF caller-ID, 2=Anyone can pickup and see BLF caller-ID,)This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.

isMyIstra [BOOLEAN] Allow user extension to use MyIstra.

isMultiStageDialing [BOOLEAN] Allow user extension to use MultiStageDialing.

allowConferenceMaster [BOOLEAN] If the extension can be a conference master in scheduled conference

isUssd [BOOLEAN] Allow user extension to use ussd application (USSD based configuration interface).

isWebXpad [BOOLEAN] Allow user extension to use webxpad.
isXpadApp [BOOLEAN] Allow user extension to use the xpad application (this setting doesn't apply to Web XPad).
hasOnTheFlyRecordingRight [BOOLEAN] Has the user the right to record its current call (from CTI application or using softkey/feature-code).
isCallBackFeatureAllowed [BOOLEAN] control the call-backs requests (made from USSD or SMS) on MobileTerminals.
isExternalConferenceAllowed [BOOLEAN] Does the external conference services are active on this Extension.
number [DIGIT] The internal number assigned to this extension.
isMyReportsAllowed [BOOLEAN] Allow user extension to use myReports.
Return :
return UserExtensionBean element updated

Function userExtensionCountLinked

Description :
method for admnistrator system not to use This method can be used only if you are in an enterprise context.
Parameters :
Return :
number of UserExtensions wich have device or softphone

Function listSubstitutes

Description :
This method can be used only if you are in an Enterprise context.
Parameters :
number* [DIGIT] The internal number assigned to this extension.
Return :
UserExtensions

Function listSuperiors

Description :
This method can be used only if you are in an Enterprise context.
Parameters :
number* [DIGIT] The internal number assigned to this extension.
Return :
UserExtensions

Function listAssistants

Description :
This method can be used only if you are in an Enterprise context.
Parameters :
number* [DIGIT] The internal number assigned to this extension.
Return :
UserExtensions

Function setSuperior

Description :
This method can be used only if you are in an Enterprise context.
Parameters :

number* [DIGIT] The internal number assigned to this extension.
number* [DIGIT] The internal number assigned to this extension.
<u>Return</u> :
Boolean

Function setSubstitute
<u>Description</u> :
This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
number* [DIGIT] The internal number assigned to this extension.
number* [DIGIT] The internal number assigned to this extension.
<u>Return</u> :
Boolean

Function setAssistant
<u>Description</u> :
This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
number* [DIGIT] The internal number assigned to this extension.
number* [DIGIT] The internal number assigned to this extension.
<u>Return</u> :
Boolean

Function removeSuperior
<u>Description</u> :
This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
number* [DIGIT] The internal number assigned to this extension.
number* [DIGIT] The internal number assigned to this extension.
<u>Return</u> :
Boolean

Function removeSubstitute
<u>Description</u> :
This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
number* [DIGIT] The internal number assigned to this extension.
number* [DIGIT] The internal number assigned to this extension.
<u>Return</u> :
Boolean

Function removeAssistant
<u>Description</u> :
This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
number* [DIGIT] The internal number assigned to this extension.
number* [DIGIT] The internal number assigned to this extension.
<u>Return</u> :
Boolean

Function hideField

Description :

make a Userextension field hidden, in an enterprise. This method can be used only if you are in an Enterprise context.

Parameters :

number* [DIGIT] The internal number assigned to this extension.

protectedFields [STRING] (values :substitutes=substitutes, assistants=assistants, superiors=Superiors, pstnNumbers=pstnNumbers, plmnNumbers=plmnNumbers, presenceState=presenceState, addressNumber=addressNumber,)fields to hide to end user

Return :

Boolean

Function unhideField

Description :

unhide an already hidden Userextension field in an enterprise. This method can be used only if you are in an Enterprise context.

Parameters :

number* [DIGIT] The internal number assigned to this extension.

protectedFields [STRING] (values :substitutes=substitutes, assistants=assistants, superiors=Superiors, pstnNumbers=pstnNumbers, plmnNumbers=plmnNumbers, presenceState=presenceState, addressNumber=addressNumber,)fields to hide to end user

Return :

Boolean

2.4.9 ExtensionGroup

Object : `ExtensionGroupBean`

`groupDisplayedLabelsTerminalsPolicy` : The labels that will be displayed on terminals in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

`callsRecorded` : Do we record all calls, made from/to this internal-address.

`syndicalPause` : The type of cyclic ring pattern

`overrideEnterpriseGroupsDisplayPolicies` : Allow to override enterprise values with this group's own display policies.

`isWebCallBack` : Do we autorize or not the Web Call Back on the internal address

`pstnNumbers` : The pstnNumbers (not plnn-numbers) that are assigned to this address. We put first the default pstn number if any.

`groupDisplayedLabelsUssdPolicy` : The labels that will be displayed via USSD in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

`queueSize` : The no answer delay in milli-seconds before ringing the next address on cyclic ring group.

`groupPassword(128)` : This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.

`maxActiveConnections` : The maximum number of active connections allowed on this group. New connections will be rejected with the busy cause (and we will eventually apply the forwarding on busy). If set to -1, there is no limit on the number of connections accepted on this group (default value).

`pickupAndBLFCallerIDPolicy` : This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.

`webIdentity(40)` : web id for internalAddress

`maxCycles` : The max cycle of rings in cyclic ring pattern, before defaulting to noAnswerForwardingRule.

`urlPhoto(1000)` : An url photo linked to the internalAddress

`busyPolicy` : The policy to consider if an address is busy or not. If an address is not busy we ring all the non-busy terminals. In strict busy : not busy if at least one terminal has no call currently active and is available to accept a new call. In relaxed busy : not busy if at least one terminal is available to accept a new call.

`plmnNumbers` : The plmnNumbers (not pstn-numbers) that are assigned to this address. We put first the default plmn number if any.

`isWebVoiceCard` : Do we autorize or not the Web Voice card on the internal address

`groupDisplayedNumberPolicy` : The number that will be displayed for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true).

`label(100)` : The label set on this address.

`extension(100)` : The internal number assigned to this extension.

`hiddenDirectory` : Is this address visible to the Community main directory?

Function getExtensionGroup

<u>Description</u> :
This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
extension [STRING] The internal number assigned to this extension.
label [STRING] The label set on this address.
groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

maxActiveConnections [NUMBER] The maximum number of active connections allowed on this group. New connections will be rejected with the busy cause (and we will eventually apply the forwarding on busy). If set to -1, there is no limit on the number of connections accepted on this group (default value).

queueSize [NUMBER] The no answer delay in milli-seconds before ringing the next address on cyclic ring group.

syndicalPause [NUMBER] (values :0=cyclic, 1=unisson, 2=sequential, 3=oldest idle,)The type of cyclic ring pattern

maxCycles [NUMBER] The max cycle of rings in cyclic ring pattern, before defaulting to noAnswerForwardingRule.

busyPolicy [NUMBER] (values :0=strict, 1=relaxed, 2=strict then relax,)The policy to consider if an address is busy or not. If an address is not busy we ring all the non-busy terminals. In strict busy : not busy if at least one terminal has no call currently active and is available to accept a new call. In relaxed busy : not busy if at least one terminal is available to accept a new call.

callsRecorded [BOOLEAN] Do we record all calls, made from/to this internal-address. **isWebCallBack** [BOOLEAN] Do we autorize or not the Web Call Back on the internal address **isWebVoiceCard** [BOOLEAN] Do we autorize or not the Web Voice card on the internal address **urlPhoto** [STRING] An url photo linked to the internalAddress

webIdentity [STRING] web id for internalAddress

pickupAndBLFCallerIDPolicy [NUMBER] (values :0=No one is able to pickup my call and CallerID not visible, 1=Only extension in a same group and group members are able to pickup and see BLF caller-ID, 2=Anyone can pickup and see BLF caller-ID,)This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.

Return :

ExtensionGroups

Function createExtensionGroup

Description :

create a ExtensionGroup in an enterprise. This method can be used only if you are in an Enterprise context.

Parameters :

extension* [STRING] The internal number assigned to this extension.

label [STRING] The label set on this address.

groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.

hiddenDirectory (false) [BOOLEAN] Is this address visible to the Community main directory?

maxActiveConnections (-1) [NUMBER] The maximum number of active connections allowed on this group. New connections will be rejected with the busy cause (and we will eventually apply the forwarding on busy). If set to -1, there is no limit on the number of connections accepted on this group (default value).

queueSize (5000) [NUMBER] The no answer delay in milli-seconds before ringing the next address on cyclic ring group.

syndicalPause (3) [NUMBER] (values :0=cyclic, 1=unisson, 2=sequential, 3=oldest idle,)The type of cyclic ring pattern

maxCycles (2) [NUMBER] The max cycle of rings in cyclic ring pattern, before defaulting to noAnswerForwardingRule.

busyPolicy (0) [NUMBER] (values :0=strict, 1=relaxed, 2=strict then relax,)The policy to consider if an address is busy or not. If an address is not busy we ring all the non-busy terminals. In strict busy : not busy if at least one terminal has no call currently active and is available to accept a new call. In relaxed busy : not busy if at least one terminal is available to accept a new call.

callsRecorded (false) [BOOLEAN] Do we record all calls, made from/to this internal-address.

isWebCallBack (false) [BOOLEAN] Do we autorize or not the Web Call Back on the internal address

isWebVoiceCard (false) [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress

webIdentity [STRING] web id for internalAddress

groupDisplayedNumberPolicy (0) [NUMBER] (values :0=original caller, 1=original called, 2=last called group,)The number that will be displayed for calls incoming from this group (if overrideEnterpriseGroups-DisplayPolicies is true).

groupDisplayedLabelsTerminalsPolicy ([Ljava.lang.Integer;@173ed316) [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed on terminals in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

groupDisplayedLabelsUssdPolicy ([Ljava.lang.Integer;@25ce9dc4) [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed via USSD in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

overrideEnterpriseGroupsDisplayPolicies (false) [BOOLEAN] Allow to override enterprise values with this group's own display policies.

pickupAndBLFCallerIDPolicy (0) [NUMBER] (values :0=No one is able to pickup my call and CallerID not visible, 1=Only extension in a same group and group members are able to pickup and see BLF caller-ID, 2=Anyone can pickup and see BLF caller-ID,)This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.

Return :

return ExtensionGroupBean new element created

Function deleteExtensionGroup

Description :

delete a ExtensionGroup. This method can be used only if you are in an Enterprise context.

Parameters :

extension* [STRING] The internal number assigned to this extension.

Return :

return true if it is successfull

Function updateExtensionGroup

Description :

update a ExtensionGroup. This method can be used only if you are in an Enterprise context.

Parameters :

selectedExtension* [STRING] ExtensionGroup we want to modify

extension [STRING] The internal number assigned to this extension.

label [STRING] The label set on this address.

groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

maxActiveConnections [NUMBER] The maximum number of active connections allowed on this group. New connections will be rejected with the busy cause (and we will eventually apply the forwarding on busy). If set to -1, there is no limit on the number of connections accepted on this group (default value).

queueSize [NUMBER] The no answer delay in milli-seconds before ringing the next address on cyclic ring group.

syndicalPause [NUMBER] (values :0=cyclic, 1=unisson, 2=sequential, 3=oldest idle,)The type of cyclic ring pattern

maxCycles [NUMBER] The max cycle of rings in cyclic ring pattern, before defaulting to noAnswerForwardingRule.

busyPolicy [NUMBER] (values :0=strict, 1=relaxed, 2=strict then relax,)The policy to consider if an address is busy or not. If an address is not busy we ring all the non-busy terminals. In strict busy : not busy if at least one terminal has no call currently active and is available to accept a new call. In relaxed busy : not busy if at least one terminal is available to accept a new call.

callsRecorded [BOOLEAN] Do we record all calls, made from/to this internal-address.

isWebCallBack [BOOLEAN] Do we autorize or not the Web Call Back on the internal address

isWebVoiceCard [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress

webIdentity [STRING] web id for internalAddress

groupDisplayedNumberPolicy [NUMBER] (values :0=original caller, 1=original called, 2=last called group,)The number that will be displayed for calls incoming from this group (if overrideEnterpriseGroups-DisplayPolicies is true).

groupDisplayedLabelsTerminalsPolicy [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed on terminals in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

groupDisplayedLabelsUssdPolicy [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed via USSD in sequence for calls incoming from this group (if overrideEn-terpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group.(Label is replaced by phone number if not available)

overrideEnterpriseGroupsDisplayPolicies [BOOLEAN] Allow to override enterprise values with this group's own display policies.

pickupAndBLFCallerIDPolicy [NUMBER] (values :0=No one is able to pickup my call and CallerID not visible, 1=Only extension in a same group and group members are able to pickup and see BLF caller-ID, 2=Anyone can pickup and see BLF caller-ID,)This policy defined who is allowed to pickup the call established to this address (for both in CTI applications and in IP phones) and the scope of BLF-CallerID.

Return :

return ExtensionGroupBean element updated

Function setExtensionsInExtensionGroup

Description :

set the ordering list of extensions for this group This method can be used only if you are in an Enterprise context.

Parameters :

selectedExtension* [STRING] The internal number assigned to this extension.

extensions* [STRING] a list of extension separate with , . example : 300,305,303,306 , (use @NULL to set empty)

Return :

return true if success

Function setOneExtensionInGroupAddress

Description :

set an extension in this group This method can be used only if you are in an Enterprise context.

Parameters :

selectedExtension* [STRING] The internal number assigned to this extension.

extension* [STRING] extension to add in this group

position [STRING] position in the group if no position add extension at the end

Return :

return true if success

Function listExtensionsInGroupAddress

Description :

return the ordering list of extensions in this group This method can be used only if you are in an Enterprise context.

Parameters :

selectedExtension* [STRING] The internal number assigned to this extension.

Return :

return String

2.4.10 ACDGroup

Object : `ACDGroupBean`
`autoLogin` : Is this ACD in auto-login mode?
`urlPhoto(1000)` : An url photo linked to the internalAddress
`hiddenDirectory` : Is this address visible to the Community main directory?
`extension(100)` : The internal number assigned to this extension.
`groupDisplayedLabelsUssdPolicy` : The labels that will be displayed via USSD in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)
`groupDisplayedNumberPolicy` : The number that will be displayed for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true).
`overrideEnterpriseGroupsDisplayPolicies` : Allow to override enterprise values with this group's own display policies.
`isWebCallBack` : Do we autorize or not the Web Call Back on the internal address
`overFlowGroupName` : The extension number of the group
`callsRecorded` : Do we record all calls, made from/to this internal-address.
`serviceName` : The ACD service used by the ACD group.
`groupDisplayedLabelsTerminalsPolicy` : The labels that will be displayed on terminals in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)
`queueSize` : The maximum number of person in the queue before dropping the call.
`plmnNumbers` : The plmnNumbers (not pstn-numbers) that are assigned to this address. We put first the default plmn number if any.
`syndicalPause` : The syndical pause in seconds.
`isWebVoiceCard` : Do we autorize or not the Web Voice card on the internal address
`pstnNumbers` : The pstnNumbers (not plnn-numbers) that are assigned to this address. We put first the default pstn number if any.
`label(100)` : The label set on this address.
`groupPassword(128)` : This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.
`webIdentity(40)` : web id for internalAddress

Function getACDGroup

Description :
This method can be used only if you are in an Enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
extension [STRING] The internal number assigned to this extension.
label [STRING] The label set on this address.
serviceName [STRING] The ACD service used by the ACD group.
groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.
autoLogin [BOOLEAN] Is this ACD in auto-login mode?
hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?
queueSize [NUMBER] The maximum number of person in the queue before dropping the call.
syndicalPause [NUMBER] The syndical pause in seconds.
callsRecorded [BOOLEAN] Do we record all calls, made from/to this internal-address. **isWebCallBack** [BOOLEAN] Do we autorize or not the Web Call Back on the internal address **isWebVoiceCard** [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress
webIdentity [STRING] web id for internalAddress
overFlowGroupName [STRING] The extension number of the group
<u>Return</u> :
ACDGroups

Function createACDGroup

<u>Description</u> :
create a ACDGroup in an enterprise. This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
extension* [STRING] The internal number assigned to this extension.
label [STRING] The label set on this address.
serviceName [STRING] The ACD service used by the ACD group.
groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.
autoLogin (false) [BOOLEAN] Is this ACD in auto-login mode?
hiddenDirectory (false) [BOOLEAN] Is this address visible to the Community main directory?
queueSize (5) [NUMBER] The maximum number of person in the queue before dropping the call.
syndicalPause (0) [NUMBER] The syndical pause in seconds.
callsRecorded (false) [BOOLEAN] Do we record all calls, made from/to this internal-address.
isWebCallBack (false) [BOOLEAN] Do we autorize or not the Web Call Back on the internal address
isWebVoiceCard (false) [BOOLEAN] Do we autorize or not the Web Voice card on the internal address
urlPhoto [STRING] An url photo linked to the internalAddress
webIdentity [STRING] web id for internalAddress
overFlowGroupName [STRING] The extension number of the group
groupDisplayedNumberPolicy (0) [NUMBER] (values :0=original caller, 1=original called, 2=last called group,)The number that will be displayed for calls incoming from this group (if overrideEnterpriseGroups-DisplayPolicies is true).
groupDisplayedLabelsTerminalsPolicy ([Ljava.lang.Integer;@173ed316) [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed on terminals in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)
groupDisplayedLabelsUssdPolicy ([Ljava.lang.Integer;@25ce9dc4) [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed via USSD in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)
overrideEnterpriseGroupsDisplayPolicies (false) [BOOLEAN] Allow to override enterprise values with this group's own display policies.
<u>Return</u> :
return ACDGroupBean new element created

Function deleteACDGroup

<u>Description</u> :
delete a ACDGroup. This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
extension* [STRING] The internal number assigned to this extension.
<u>Return</u> :
return true if it is successfull

Function updateACDGroup

<u>Description</u> :

update a ACDGroup. This method can be used only if you are in an Enterprise context.

<u>Parameters</u> :

selectedExtension* [STRING] ACDGroup we want to modify

extension [STRING] The internal number assigned to this extension.

label [STRING] The label set on this address.

serviceName [STRING] The ACD service used by the ACD group.

groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.

autoLogin [BOOLEAN] Is this ACD in auto-login mode?

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

queueSize [NUMBER] The maximum number of person in the queue before dropping the call.

syndicalPause [NUMBER] The syndical pause in seconds.

callsRecorded [BOOLEAN] Do we record all calls, made from/to this internal-address. **isWebCallBack** [BOOLEAN] Do we autorize or not the Web Call Back on the internal address **isWebVoiceCard** [BOOLEAN] Do we autorize or not the Web Voice card on the internal address **urlPhoto** [STRING] An url photo linked to the internalAddress

webIdentity [STRING] web id for internalAddress

overFlowGroupName [STRING] The extension number of the group

groupDisplayedNumberPolicy [NUMBER] (values :0=original caller, 1=original called, 2=last called group,)The number that will be displayed for calls incoming from this group (if overrideEnterpriseGroups-DisplayPolicies is true).

groupDisplayedLabelsTerminalsPolicy [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed on terminals in sequence for calls incoming from this group (if overrideEnterpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group. (Label is replaced by phone number if not available)

groupDisplayedLabelsUssdPolicy [LIST] (values :0=original caller, 1=original called, 2=last called group,)The labels that will be displayed via USSD in sequence for calls incoming from this group (if overrideEn-terpriseGroupsDisplayPolicies is true). 0 for original caller, 1 for original called and 2 for called group.(Label is replaced by phone number if not available)

overrideEnterpriseGroupsDisplayPolicies [BOOLEAN] Allow to override enterprise values with this group's own display policies.

<u>Return</u> :

return ACDGroupBean element updated

      Function setExtensionsInACDGroup

<u>Description</u> :

set the ordering list of extensions for this group This method can be used only if you are in an Enterprise context.

<u>Parameters</u> :

selectedExtension* [STRING] The internal number assigned to this extension.

overflowGroup [BOOLEAN] this param is deprecated. OverflowMembers are obsolete. Always considered like false

extensions [STRING] a list of extension separated by , (use @NULL to set empty)

<u>Return</u> :

return true if success

      Function setOneExtensionInACDGroup

<u>Description</u> :

set an extension in this group This method can be used only if you are in an Enterprise context.

<u>Parameters</u> :

selectedExtension* [STRING] The internal number assigned to this extension.

overflowGroup* [BOOLEAN] this param is deprecated. OverflowMembers are obsolete. Always consid-

ered like false
extension* [STRING] extension to add in this group
position [NUMBER] position in the group if no position add extension at the end
Return :
return true if success

Function listExtensionsInACDGroup

Description :
return the ordering list of extensions in this group This method can be used only if you are in an Enterprise context.
Parameters :
selectedExtension* [STRING] The internal number assigned to this extension.
overflowGroup [BOOLEAN] this param is deprecated. OverflowMembers are obsolete. Always considered like false
Return :
return true if success

Function listActiveExtensionsInACDGroup

Description :
return the ordering list of active extensions in this group This method can be used only if you are in an Enterprise context.
Parameters :
selectedExtension* [STRING] The internal number assigned to this extension.
Return :
return true if success

Function listInactiveExtensionsInACDGroup

Description :
return the ordering list of inactive extensions in this group This method can be used only if you are in an Enterprise context.
Parameters :
selectedExtension* [STRING] The internal number assigned to this extension.
Return :
return true if success

2.4.11 Forwarding

Object : `ForwardingBean`

`externalDestination(25)` : The external destination (PSTN number with dial prefix), in case this is a forwarding rule to an external address. We also allow to have external destination in E164 format (prefix by '+'), in which case we will take the default dial-prefix.

`specificCaller(2000)` : A filter-rule on the caller that specify when this forwarding rule must be applied.

The rule format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with ''). Warning : no space must be included between numbers.

For external caller the rule elements can be expressed either as national number (with operator prefix), or in E164 number (prefixed by '+'). For internal caller, the rule elements must be expressed as short inter-nal address number. Otherwise if there is multiples PstnNumber assigned to this caller, we may not match it. The comparison is done against the display caller number (previously it was the P-Asserted-Number see IS-20762) that we format in short/national/E164 format. If set to null, this filter return true.

`timeFilter` : A combination days/time range : <days>+/<start>:<end>Days can take values in Mon, Tue, Wed, Thu, Fri, Sat, Sun, WD (Week Days) or WE (Week End).Several days can be combined using the '+' ex. Mon+Tue+WE.Time ranges in 24 hours format starting at 00:00 (midnight).e.g. :Mon+Tue +WE/09:45-16:30

`label` : Parent forwarding if this rule is inherited.

`assignedTo` : This triggered is assigned to this specified element (internalAddress, enterprise or residential-community). You enter an extension number or the word ENTERPRISE.We can't modify them.

`internalDestination` : The internal destination, in case this is an forwarding rule to an internal address.

`activated` : Is this forwarding-rule activated or not.

`noAnswerDelay` : The delay in milli-seconds for the trigger on no-answer to be activated.

`label(70)` : A label for this forwarding

`forwardingID` :

`labelledDestination(20)` : The labelledDestination is set in case this forwarding rule is set to a destination that is contextual to the user (such as user home number or user mobile number) or to a specific role in the Community (VoiceMail, receptionist).

`filter(1)` : A filter that specify this forwarding rule is to be applied only depending on the caller (internal/external caller/anonymous caller).

`type(2)` :

Function getForwarding

Description :
This method can be used only if you are in an enterprise context.

Parameters :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

label [STRING] A label for this forwarding

assignedTo [STRING] This triggered is assigned to this specified element (internalAddress, enterprise or residential-community). You enter an extension number or the word ENTERPRISE.We can't modify them.

activated [BOOLEAN] Is this forwarding-rule activated or not.

type [STRING] (values :OB=On Busy, AL=Always, NA=No Answer, UR=Unreachable, OC=On Active Call,)

filter [STRING] (values :A=All calls, I=Internal caller, E=External caller, X=Anonymous caller,)A filter that specify this forwarding rule is to be applied only depending on the caller (internal/external caller/anony-mous caller).

internalDestination [STRING] The internal destination, in case this is an forwarding rule to an internal

address.

externalDestination [STRING] The external destination (PSTN number with dial prefix), in case this is a forwarding rule to an external address. We also allow to have external destination in E164 format (prefix by '+'), in which case we will take the default dial-prefix.

labelledDestination [STRING] (values :USER_MOBILE=User Mobile, USER_HOME=User Home, ENT_VM=VoiceMail, ENT_RCPT=Enterprise Receptionist, REJECTION=Reject the call,)The labelledDestination is set in case this forwarding rule is set to a destination that is contextual to the user (such as user home number or user mobile number) or to a specific role in the Community (VoiceMail, receptionist).

specificCaller [STRING] A filter-rule on the caller that specify when this forwarding rule must be applied.

The rule format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with 'ˆ'). Warning : no space must be included between numbers.

For external caller the rule elements can be expressed either as national number (with operator prefix), or in E164 number (prefixed by '+'). For internal caller, the rule elements must be expressed as short internal address number. Otherwise if there is multiples PstnNumber assigned to this caller, we may not match it. The comparison is done against the display caller number (previously it was the P-Asserted-Number see IS-20762) that we format in short/national/E164 format. If set to null, this filter return true.

timeFilter [STRING] A combination days/time range : <days>+/<start>:<end>Days can take values in Mon, Tue, Wed, Thu, Fri, Sat, Sun, WD (Week Days) or WE (Week End).Several days can be combined using the '+' ex. Mon+Tue+WE.Time ranges in 24 hours format starting at 00:00 (midnight).e.g. :Mon+Tue+WE/09:45-16:30

noAnswerDelay [NUMBER] The delay in milli-seconds for the trigger on no-answer to be activated.

Return :
Forwardings

Function createForwarding

Description :
This method can be used only if you are in an enterprise context.
Parameters :

label [STRING] A label for this forwarding

assignedTo* [STRING] This triggered is assigned to this specified element (internalAddress, enterprise or residential-community). You enter an extension number or the word ENTERPRISE.We can't modify them.

activated (true) [BOOLEAN] Is this forwarding-rule activated or not.

type (AL) [STRING] (values :OB=On Busy, AL=Always, NA=No Answer, UR=Unreachable, OC=On Active Call,)

filter (A) [STRING] (values :A=All calls, I=Internal caller, E=External caller, X=Anonymous caller,)A filter that specify this forwarding rule is to be applied only depending on the caller (internal/external caller/anonymous caller).

internalDestination [STRING] The internal destination, in case this is an forwarding rule to an internal address.

externalDestination [STRING] The external destination (PSTN number with dial prefix), in case this is a forwarding rule to an external address. We also allow to have external destination in E164 format (prefix by '+'), in which case we will take the default dial-prefix.

labelledDestination [STRING] (values :USER_MOBILE=User Mobile, USER_HOME=User Home, ENT_VM=VoiceMail, ENT_RCPT=Enterprise Receptionist, REJECTION=Reject the call,)The labelledDestination is set in case this forwarding rule is set to a destination that is contextual to the user (such as user home number or user mobile number) or to a specific role in the Community (VoiceMail, receptionist).

specificCaller [STRING] A filter-rule on the caller that specify when this forwarding rule must be applied.

The rule format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with 'ˆ'). Warning : no space must be included between numbers.

For external caller the rule elements can be expressed either as national number (with operator prefix), or in E164 number (prefixed by '+'). For internal caller, the rule elements must be expressed as short inter-

nal address number. Otherwise if there is multiples PstnNumber assigned to this caller, we may not match it. The comparison is done against the display caller number (previously it was the P-Asserted-Number see IS-20762) that we format in short/national/E164 format. If set to null, this filter return true.

timeFilter (0) [STRING] A combination days/time range : <days>+/<start>:<end>Days can take values in Mon, Tue, Wed, Thu, Fri, Sat, Sun, WD (Week Days) or WE (Week End).Several days can be combined using the '+' ex. Mon+Tue+WE.Time ranges in 24 hours format starting at 00:00 (midnight).e.g. :Mon+Tue+WE/09:45-16:30

noAnswerDelay (15000) [NUMBER] The delay in milli-seconds for the trigger on no-answer to be activated.

Return :
return ForwardingBean new element created

Function deleteForwarding

Description :
Delete a Forwarding. This method can be used only if you are in an enterprise context.
Parameters :
forwardingID* [NUMBER]
Return :
return true if it is successfull

Function updateForwarding

Description :
Update a Forwarding. This method can be used only if you are in an enterprise context.
Parameters :
forwardingID* [NUMBER]
label [STRING] A label for this forwarding
activated [BOOLEAN] Is this forwarding-rule activated or not.
type [STRING] (values :OB=On Busy, AL=Always, NA=No Answer, UR=Unreachable, OC=On Active Call,)
filter [STRING] (values :A=All calls, I=Internal caller, E=External caller, X=Anonymous caller,)A filter that specify this forwarding rule is to be applied only depending on the caller (internal/external caller/anonymous caller).
internalDestination [STRING] The internal destination, in case this is an forwarding rule to an internal address.
externalDestination [STRING] The external destination (PSTN number with dial prefix), in case this is a forwarding rule to an external address. We also allow to have external destination in E164 format (prefix by '+'), in which case we will take the default dial-prefix.
labelledDestination [STRING] (values :USER_MOBILE=User Mobile, USER_HOME=User Home, ENT_VM=VoiceMail, ENT_RCPT=Enterprise Receptionist, REJECTION=Reject the call,)The labelledDestination is set in case this forwarding rule is set to a destination that is contextual to the user (such as user home number or user mobile number) or to a specific role in the Community (VoiceMail, receptionist).
specificCaller [STRING] A filter-rule on the caller that specify when this forwarding rule must be applied.
  The rule format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with '^'). Warning : no space must be included between numbers.
  For external caller the rule elements can be expressed either as national number (with operator prefix), or in E164 number (prefixed by '+'). For internal caller, the rule elements must be expressed as short internal address number. Otherwise if there is multiples PstnNumber assigned to this caller, we may not match it. The comparison is done against the display caller number (previously it was the P-Asserted-Number see IS-20762) that we format in short/national/E164 format. If set to null, this filter return true.
timeFilter [STRING] A combination days/time range : <days>+/<start>:<end>Days can take values in Mon, Tue, Wed, Thu, Fri, Sat, Sun, WD (Week Days) or WE (Week End).Several days can be com-

bined using the '+' ex. Mon+Tue+WE.Time ranges in 24 hours format starting at 00:00 (midnight).e.g. :Mon+Tue+WE/09:45-16:30

noAnswerDelay [NUMBER] The delay in milli-seconds for the trigger on no-answer to be activated.

<u>Return</u> :

return ForwardingBean element updated

2.4.12   Device

Object : <u>DeviceBean</u>

`dynamicInternalIpAddress` : The internal ip address of the first terminal on this device. See "Terminal.dynamicInternalIpAddress".

`site` : The site to which this device is assigned. Can't be null. If the site is deleted, the device is also deleted.

`specificNetworkDomain` : The specific network domain where the device is located. Can be null.

`staticNetworkMask(15)`   : The device's static network mask

`pvNetworkMode` : The provisioning network mode.

`staticNetworkIp(15)`   : The device's static network IP address

`model` : The device-model to which this device is assigned. Can't be null. If the device-model is deleted, the device is also deleted.

`registerID(40)`   : A logical ID used to identify the device in the VOIP protocol. (typically contains the User-Info used by SIP device without the community-name if we don't use the MAC-address (for example : for Generic-SIP-softphone model)). This ID doesn't contains the community name.

`password(50)`   : The password used to authenticate this device. This is a device administrator-level password.

`dynamicNattedIpAddress` : The ip address of the last nat between the IntraSwitch server and the first terminal of this device. See "Terminal.dynamicNattedIpAddress".

`staticNetworkGw(15)`   : The device's static network gateway

`label(40)`   : The label set on this device.

`encryptionKey(50)`   : The device's encryption key

`physicalID(40)`   : This property returns the physical ID used to identify the Device (either the ipAddress, the macAddress or the registerID appended with the community name). A unique constraint is set on this ID.

Function getDevice

<u>Description</u> :

This method can be used only if you are in an enterprise context.

<u>Parameters</u> :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

physicalID [STRING] This property returns the physical ID used to identify the Device (either the ipAddress, the macAddress or the registerID appended with the community name). A unique constraint is set on this ID.

model [STRING] The device-model to which this device is assigned. Can't be null. If the device-model is deleted, the device is also deleted.

password [STRING] The password used to authenticate this device. This is a device administrator-level password.

label [STRING] The label set on this device.

site [STRING] The site to which this device is assigned. Can't be null. If the site is deleted, the device is also deleted.

specificNetworkDomain [STRING] The specific network domain where the device is located. Can be null.

pvNetworkMode [NUMBER] (values :0=No network provisioning, 1=Static network provisioning, 2=DHCP network provisioning,)The provisioning network mode.

staticNetworkIp [STRING] The device's static network IP address

staticNetworkGw [STRING] The device's static network gateway

encryptionKey [STRING] The device's encryption key

<u>Return</u> :

Devices

Function createDevice

Description :

create a Device in an enterprise. This method can be used only if you are in an enterprise context.

Parameters :

physicalID* [STRING] This property returns the physical ID used to identify the Device (either the ipAd-dress, the macAddress or the registerID appended with the community name). A unique constraint is set on this ID.

model* [STRING] The device-model to which this device is assigned. Can't be null. If the device-model is deleted, the device is also deleted.

password [STRING] The password used to authenticate this device. This is a device administrator-level password.

label [STRING] The label set on this device.

site* [STRING] The site to which this device is assigned. Can't be null. If the site is deleted, the device is also deleted.

specificNetworkDomain [STRING] The specific network domain where the device is located. Can be null.

preferedCodec [STRING] it's the prefered codec for the first terminal

extension [DIGIT] This is the extension we will assign to the first terminal.

pvNetworkMode (0) [NUMBER] (values :0=No network provisioning, 1=Static network provisioning, 2=DHCP network provisioning,)The provisioning network mode.

staticNetworkIp [STRING] The device's static network IP address

staticNetworkMask [STRING] The device's static network mask

staticNetworkGw [STRING] The device's static network gateway

encryptionKey [STRING] The device's encryption key

registerID [STRING] A logical ID used to identify the device in the VOIP protocol. (typically contains the User-Info used by SIP device without the community-name if we don't use the MAC-address (for example : for Generic-SIP-softphone model)). This ID doesn't contains the community name.

Return :

return DeviceBean new element created

Function deleteDevice

Description :

delete a Device. This method can be used only if you are in an enterprise context.

Parameters :

selectedPhysicalID* [STRING] Device we want to modify

Return :

return true if it is successfull

Function updateDevice

Description :

update a Device. This method can be used only if you are in an enterprise context.

Parameters :

selectedPhysicalID* [STRING] Device we want to modify

physicalID [STRING] This property returns the physical ID used to identify the Device (either the ipAd-dress, the macAddress or the registerID appended with the community name). A unique constraint is set on this ID.

password [STRING] The password used to authenticate this device. This is a device administrator-level password.

label [STRING] The label set on this device.

site [STRING] The site to which this device is assigned. Can't be null. If the site is deleted, the device is also deleted.

specificNetworkDomain [STRING] The specific network domain where the device is located. Can be null.
pvNetworkMode [NUMBER] (values :0=No network provisioning, 1=Static network provisioning, 2=DHCP network provisioning,)The provisioning network mode.
staticNetworkIp [STRING] The device's static network IP address
staticNetworkMask [STRING] The device's static network mask
staticNetworkGw [STRING] The device's static network gateway
encryptionKey [STRING] The device's encryption key
registerID [STRING] A logical ID used to identify the device in the VOIP protocol. (typically contains the User-Info used by SIP device without the community-name if we don't use the MAC-address (for example : for Generic-SIP-softphone model)). This ID doesn't contains the community name.
Return :
return DeviceBean element updated

Function listDevicesUsedByExtension

Description :
list devices to an extension This method can be used only if you are in an enterprise context.
Parameters :
selectedExtension [DIGIT]
Return :
return list devices used by selected extension

Function restartDevice

Description :
reboots the given device This method can be used only if you are authenticated.
Parameters :
physicalID* [STRING] This property returns the physical ID used to identify the Device (either the ipAddress, the macAddress or the registerID appended with the community name). A unique constraint is set on this ID.
Return :
return true if it is successfull

2.4.13 Terminal

Object : `TerminalBean`
`maxTerminalConnectionOnOutgoingCall` : The maximal number of connections that we allow on this terminal before refusing outgoing calls.
`label(30)` : The label set on this terminal.
`scenario` : The terminal scenario defined on this terminal. Can't be null. We restrict the deletion of the terminal scenario.
`physicalState` : The physical state of this terminal as seen by the CCE.
`extension` : This property return; the extension linked to this Terminal.
`maxTerminalConnection` : The maximal number of connections that we allow on this terminal before applying triggers on busy.
`devicePort` : The port of this terminal. Between 1 and device.devicemodel.maxTerminals.
`preferredCodecs(100)` : The ordered list of preferred codecs. These codecs must be part of the supported codecs related to the device-model.
`fax` : Is this terminal a fax?
`devicePhysicalID(50)` : this property represent the device's physicalID. It's mac address, ip address or sipID.

Function getTerminal

Description :
This method can be used only if you are in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
devicePhysicalID [STRING] this property represent the device's physicalID. It's mac address, ip address or sipID.
devicePort [NUMBER] The port of this terminal. Between 1 and device.devicemodel.maxTerminals.
extension [DIGIT] This property return; the extension linked to this Terminal.
fax [BOOLEAN] Is this terminal a fax?
label [STRING] The label set on this terminal.
maxTerminalConnection [NUMBER] The maximal number of connections that we allow on this terminal before applying triggers on busy.
preferredCodecs [STRING] The ordered list of preferred codecs. These codecs must be part of the supported codecs related to the device-model.
scenario [STRING] The terminal scenario defined on this terminal. Can't be null. We restrict the deletion of the terminal scenario.
Return :
Terminals

Function updateTerminal

Description :
update a Terminal. This method can be used only if you are in an enterprise context.
Parameters :
selectedDevicePhysicalID* [STRING] Terminal that we want to modify
selectedDevicePort* [NUMBER] Terminal that we want to modify
extension [DIGIT] This property return; the extension linked to this Terminal.
fax [BOOLEAN] Is this terminal a fax?
label [STRING] The label set on this terminal.
maxTerminalConnection [NUMBER] The maximal number of connections that we allow on this terminal before applying triggers on busy.

preferredCodecs [STRING] The ordered list of preferred codecs. These codecs must be part of the supported codecs related to the device-model.

scenario [STRING] The terminal scenario defined on this terminal. Can't be null. We restrict the deletion of the terminal scenario.

maxTerminalConnectionOnOutgoingCall [NUMBER] The maximal number of connections that we allow on this terminal before refusing outgoing calls.

<u>Return</u> :

return TerminalBean element updated

2.4.14 DeviceModel

Object : `DeviceModelBean`
`devicePasswordLength(20)` : is not null if the device need a minimal or maximal size for his password
`supportLineDefault` : true if device can support a multi line with default line.
`msupportLineDefault` : true if device can support a multi line extension module with default line.
`manufacturer(20)` : The manufacturer name of this device-model.
`msupportLine` : true if device can support a multi line extension module (a user extension).
`linesSupported(50)` : the number of lines that this device can support. For example 8;14;14 is 8 lines by default and a first module with 14 lines and a second module with 14 lines.
`name(30)` : The name of this device-model. This name is used as an ID in the IPBX (endpoint-manager/protocol handler).
`isMacAddressNeeded` : Is the Mac address of the device needed?
`supportLine` : true if device can support a multi line with line (a user extension).
`defaultConfFileTagsEditable(500)` : Name of the template configuration file tags that are editables (the property values are attached to Site). To each tag specified in this value a property-definition must be linked to. This property is defined by Centile.
`msupportBLF` : true if device can support a multi line extension module with Busy lamp field.
`supportFax` : true if device can support a fax.
`msupportSRST` : true if device can support a multi survival remote site telephony
`maxTerminals` : The maximum number of terminals on this device model (number of line in case of an IP gateway).
`extraConfFileTagsEditable(500)` : Name of the template configuration file tags that are editables (the property values are attached to Site). To each tag specified in this value a property-definition must be linked to. This property is defined by the plateform-owner.
`supportNetworkPv` : true if device can support network provisioning
`codecsSupported(50)` : The list of codecs supported by this device separated by a ';', possible values : "G711", "G711A", "G723", "G726", "G729A", "ILBC", "GSM"?
`isIPAddressNeeded` : Is the IP address of the device needed?
`isRegisterIDNeeded` : For this DeviceModel, is the registerID info mandatory?
`isDevicePasswordUsed` : Do we use on these devices a password that is stored on the device and is distinct from the password of the user connected to this extension?
`isPublicDeviceModel` : Is this device-model can be selected by administrators to create device/terminals? MediaServer and softphone DeviceModels are not public.
`supportBLF` : true if device can support a multi line with Busy lamp field.
`label(40)` : A label for this device-model.
`supportSpeedDial` : true if device can support a multi line with speed dial.
`supportSRST` : true if device can support a multi survival remote site telephony

Function getDeviceModel

Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
codecsSupported [STRING] The list of codecs supported by this device separated by a ';', possible values : "G711", "G711A", "G723", "G726", "G729A", "ILBC", "GSM"?
devicePasswordLength [STRING] is not null if the device need a minimal or maximal size for his password
isDevicePasswordUsed [BOOLEAN] Do we use on these devices a password that is stored on the device and is distinct from the password of the user connected to this extension?

isMacAddressNeeded [BOOLEAN] Is the Mac address of the device needed?

isIPAddressNeeded [BOOLEAN] Is the IP address of the device needed?

isRegisterIDNeeded [BOOLEAN] For this DeviceModel, is the registerID info mandatory?

label [STRING] A label for this device-model.

linesSupported [STRING] the number of lines that this device can support. For example 8;14;14 is 8 lines by default and a first module with 14 lines and a second module with 14 lines.

manufacturer [STRING] The manufacturer name of this device-model.

maxTerminals [NUMBER] The maximum number of terminals on this device model (number of line in case of an IP gateway).

supportBLF [BOOLEAN] true if device can support a multi line with Busy lamp field.

supportLine [BOOLEAN] true if device can support a multi line with line (a user extension).

supportLineDefault [BOOLEAN] true if device can support a multi line with default line.

supportSpeedDial [BOOLEAN] true if device can support a multi line with speed dial.

supportSRST [BOOLEAN] true if device can support a multi survival remote site telephony

name [STRING] The name of this device-model. This name is used as an ID in the IPBX (endpoint-manager/protocol handler).

supportFax [BOOLEAN] true if device can support a fax.

isPublicDeviceModel [BOOLEAN] Is this device-model can be selected by administrators to create device/terminals? MediaServer and softphone DeviceModels are not public.

supportNetworkPv [BOOLEAN] true if device can support network provisioning

Return :

DeviceModels

2.4.15 IVRService

Object : `IVRServiceBean`
`isWebCallBack` : Do we autorize or not the Web Call Back on the internal address
`urlPhoto(1000)` : An url photo linked to the internalAddress
`sipServer` :
`ivrName(100)` : The name of the java-class that implement this service.
`isWebVoiceCard` : Do we autorize or not the Web Voice card on the internal address
`extension(100)` : The internal number assigned to this extension.
`hiddenDirectory` : Is this address visible to the Community main directory?
`label(100)` : The label set on this address.
`serviceType(30)` : The name of the generic service implemented by this IVR "VoiceMail", "Au-toAttendant", "Custom"...
`webIdentity(40)` : web id for internalAddress
`isDefaultByServiceType` : Is this IVR service by Service type is the default in the enterprise?Like the voice-mail instance.

Function getIVRService

Description :
This method can be used only if you are in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
extension [STRING] The internal number assigned to this extension.
hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?
ivrName [STRING] The name of the java-class that implement this service.
label [STRING] The label set on this address.
isWebCallBack [BOOLEAN] Do we autorize or not the Web Call Back on the internal address
isWebVoiceCard [BOOLEAN] Do we autorize or not the Web Voice card on the internal address
urlPhoto [STRING] An url photo linked to the internalAddress
webIdentity [STRING] web id for internalAddress
Return :
IVRServices

Function createIVRService

Description :
create a IVRService in an enterprise. This method can be used only if you are in an enterprise context.
Parameters :
extension* [STRING] The internal number assigned to this extension.
hiddenDirectory (false) [BOOLEAN] Is this address visible to the Community main directory?
ivrName [STRING] The name of the java-class that implement this service.
label [STRING] The label set on this address.
isWebCallBack (false) [BOOLEAN] Do we autorize or not the Web Call Back on the internal address
isWebVoiceCard (false) [BOOLEAN] Do we autorize or not the Web Voice card on the internal address
urlPhoto [STRING] An url photo linked to the internalAddress
webIdentity [STRING] web id for internalAddress
sipServer [STRING]
Return :
return IVRServiceBean new element created

Function deleteIVRService

Description :

delete a IVRService. This method can be used only if you are in an enterprise context.

Parameters :

extension* [STRING] The internal number assigned to this extension.

Return :

return true if it is successfull

Function updateIVRService

Description :

update a IVRService. This method can be used only if you are in an enterprise context.

Parameters :

selectedExtension* [STRING] IVRService we want to modify

extension [STRING] The internal number assigned to this extension.

hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?

label [STRING] The label set on this address.

isWebCallBack [BOOLEAN] Do we autorize or not the Web Call Back on the internal address

isWebVoiceCard [BOOLEAN] Do we autorize or not the Web Voice card on the internal address

urlPhoto [STRING] An url photo linked to the internalAddress

isDefaultByServiceType [BOOLEAN] Is this IVR service by Service type is the default in the enterprise?Like the voice-mail instance.

webIdentity [STRING] web id for internalAddress

sipServer [STRING]

Return :

return IVRServiceBean element updated

2.4.16 Service

Object : <u>ServiceBean</u>
`label(100)` : The label set on this address.
`serviceName(100)` : The name of the java-class that implement this service.

Function getService
<u>Description</u> :
This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
label [STRING] The label set on this address.
serviceName [STRING] The name of the java-class that implement this service.
<u>Return</u> :
Services

Function createService
<u>Description</u> :
create a Service in an enterprise. This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
label [STRING] The label set on this address.
serviceName [STRING] The name of the java-class that implement this service.
<u>Return</u> :
return ServiceBean new element created

Function deleteService
<u>Description</u> :
delete a Service. This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
serviceName [STRING] The name of the java-class that implement this service.
<u>Return</u> :
return true if it is successfull

Function updateService
<u>Description</u> :
update a Service. This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
selectedName [STRING] Service we want to modify
label [STRING] The label set on this address.
<u>Return</u> :
return ServiceBean element updated

2.4.17 IVRServiceType

Object : `IVRServiceTypeBean`
`ivrName` : The name of the service (ivr or service)
`ivrType` : The type of the service

Function listIVRServiceNameAllowed

<u>Description</u> :
list ivr service name allowed for IVR creation for the community This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
<u>Return</u> :
return list of IVRServiceTypeBean

Function listServiceNameAllowed

<u>Description</u> :
list service name allowed for Service creation for the community This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
<u>Return</u> :
return list of IVRServiceTypeBean

2.4.18 CallBarring

Object : `CallBarringBean`
`name(40)` :
`type` :
`applyToSMS` : Is this RCR/White-List apply on outgoing SMS.
`applyToVoiceCall` : Is this RCR/White-List apply on outgoing voice-call.
`description(2000)` : The content of this RestrictedCallRule.
    The format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with +). Warning : no space must be included between numbers.
    The specific character '#' means that no external calls are allowed.
We check these numbers against the dialed-number for internal-calls rules, and dialed-number without dial-prefix for external-call rules (ie in the dial-plan of the entreprise country-code for external calls).
`label(2000)` : A free label for this RestrictedCallRule.

Function getCallBarring
Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING]
type [NUMBER] (values :0=RCRNoExternalCall, 1=RCRNationalCall, 2=RCRInternationalCall, 3=RCRInternalCall,)
description [STRING] The content of this RestrictedCallRule.
    The format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with +). Warning : no space must be included between numbers.
    The specific character '#' means that no external calls are allowed.
We check these numbers against the dialed-number for internal-calls rules, and dialed-number without dial-prefix for external-call rules (ie in the dial-plan of the entreprise country-code for external calls).
label [STRING] A free label for this RestrictedCallRule.
Return :
CallBarrings

Function createCallBarring
Description :
create a CallBarring in an enterprise. This method can be used only if you are in an enterprise context.
Parameters :
name* [STRING]
type (1) [NUMBER] (values :0=RCRNoExternalCall, 1=RCRNationalCall, 2=RCRInternationalCall, 3=RCRIn-ternalCall,)
description [STRING] The content of this RestrictedCallRule.
    The format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with +). Warning : no space must be included between numbers.
    The specific character '#' means that no external calls are allowed.
We check these numbers against the dialed-number for internal-calls rules, and dialed-number without dial-prefix for external-call rules (ie in the dial-plan of the entreprise country-code for external calls).
label [STRING] A free label for this RestrictedCallRule.

applyToVoiceCall (true) [BOOLEAN] Is this RCR/White-List apply on outgoing voice-call. **applyToSMS (true)** [BOOLEAN] Is this RCR/White-List apply on outgoing SMS.

Return :

return CallBarringBean new element created

Function deleteCallBarring

Description :

delete a CallBarring. This method can be used only if you are in an enterprise context.

Parameters :

name* [STRING]

Return :

return true if it is successfull

Function updateCallBarring

Description :

update a CallBarring. This method can be used only if you are in an enterprise context.

Parameters :

selectedName* [STRING] CallBarring we want to modify

name [STRING]

type [NUMBER] (values :0=RCRNoExternalCall, 1=RCRNationalCall, 2=RCRInternationalCall, 3=RCRIn-ternalCall,)

description [STRING] The content of this RestrictedCallRule.

The format is describes in com.odisei.telephony.extension.RestrictedCallRulesToolkit. Basically this is comma separated list of allowed prefix and exception prefix (exception numbers are prefixed with +). Warning : no space must be included between numbers.

The specific character '#' means that no external calls are allowed.

We check these numbers against the dialed-number for internal-calls rules, and dialed-number without dial-prefix for external-call rules (ie in the dial-plan of the entreprise country-code for external calls). **label** [STRING] A free label for this RestrictedCallRule.

applyToVoiceCall [BOOLEAN] Is this RCR/White-List apply on outgoing voice-call.

applyToSMS [BOOLEAN] Is this RCR/White-List apply on outgoing SMS.

Return :

return CallBarringBean element updated

Function assignCallBarringToExtension

Description :

assign a call barring to an extension This method can be used only if you are in an enterprise context.

Parameters :

selectedName* [STRING]

extension* [DIGIT]

Return :

return true if success

Function assignCallBarringToCommunity

Description :

assign a call barring to the whole community. Create assignation for all extension of the community This method can be used only if you are in an enterprise context.

Parameters :

selectedName* [STRING]

communityName [STRING] The name of the enterprise

Return :
return true if success

Function unassignCallBarringToExtension
Description :
unassign a call barring to an extension This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING]
extension* [DIGIT]
Return :
return true if success

Function unassignCallBarringToCommunity
Description :
unassign a call barring to the whole community This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING]
communityName [STRING]
Return :
return true if success

Function unassignAllCallBarringToExtension
Description :
unassign all call barring to an extension This method can be used only if you are in an enterprise context.
Parameters :
selectedExtension* [DIGIT]
Return :
return true if success

Function listAllCallBarringUsedByExtension
Description :
list call barring to an extension This method can be used only if you are in an enterprise context.
Parameters :
selectedExtension* [DIGIT]
Return :
return list call barring used by selected extension

Function listAllCallBarringUsedByCommunity
Description :
list call barring to an community This method can be used only if you are in an enterprise context.
Parameters :
selectedCommunity* [null]
Return :
return list call barring used by selected community

Function setActivatedCallBarringToExtension
Description :

activated or not the existing call baring to the selected extension This method can be used only if you are in an Enterprise context.

Parameters :
selectedName* [STRING]
selectedExtension* [DIGIT]
activated* [BOOLEAN]
Return :
return true if success

2.4.19 LogicalTerminal

Object : `LogicalTerminalBean`

`extension` : We can link an abstract-logical-terminal to an Extension or a FaxAddress

`physicalID(50)` : this property represent the device's physicalID. It's mac address, ip address or sipID.

`logicalIDs(100)` : The logical IDs used to match the endpoint URI. These IDs can contains, in addition to specific IDs (which can be a number (in which case we will interpret it in the comunity country code dial plan)), the values "USER_HOME" "USER_MOBILE", "EXT_PNS", "EXT_PSTNS" (this include only the PSTNs not the PLMNs) in which case the ID is taken from the corresponding user or extension property. (If a user is linked to this LogicalTerminal via the Extension). On calls to this terminal, we used only the first ID (if any) to contact this terminal, the other IDs, are used only to identify calls from these numbers as being calls from this terminal.

`maxTerminalConnection` : The maximal number of connections that we allow on this terminal before applying triggers on busy.

`label(30)` : The label set on this terminal.

`callBackControl` : Enables callback control on Remote terminals, Lync Terminals, Mobile Terminals and Multi Sim Terminal (default to no)

`gateway` : The gateway to which this terminal is attached to reach it (logical-terminal or terminal deployed in IMS). This can be a gateway or a gateway group. We will used the gateway sipHostPort part to build-up the URI to this address this logical-terminal in addition to the userInfoPart.

`MaxTerminalConnectionOnOutgoingCall` : The maximal number of connections that we allow on this terminal before refusing outgoing calls.

`gateway` : The gateway to which this terminal is attached to reach it (logical-terminal or terminal deployed in IMS). This can be a gateway or a gateway group. We will used the gateway sipHostPort part to build-up the URI to this address this logical-terminal in addition to the userInfoPart.

Function createLogicalTerminal

Description :

create a logical terminal in an enterprise. This method can be used only if you are in an enterprise context.

Parameters :

label [STRING] The label set on this terminal.

gateway [STRING] The gateway to which this terminal is attached to reach it (logical-terminal or terminal deployed in IMS). This can be a gateway or a gateway group. We will used the gateway sipHostPort part to build-up the URI to this address this logical-terminal in addition to the userInfoPart.

logicalIDs [STRING] The logical IDs used to match the endpoint URI. These IDs can contains, in addition to specific IDs (which can be a number (in which case we will interpret it in the comunity country code dial plan)), the values "USER_HOME" "USER_MOBILE", "EXT_PNS", "EXT_PSTNS" (this include only the PSTNs not the PLMNs) in which case the ID is taken from the corresponding user or extension property. (If a user is linked to this LogicalTerminal via the Extension). On calls to this terminal, we used only the first ID (if any) to contact this terminal, the other IDs, are used only to identify calls from these numbers as being calls from this terminal.

extension [NUMBER] This is the extension we will assign to the logical terminal.

callBackControl (true) [BOOLEAN] Enables callback control on Remote terminals, Lync Terminals, Mobile Terminals and Multi Sim Terminal (default to no)

MaxTerminalConnectionOnOutgoingCall (4) [NUMBER] The maximal number of connections that we allow on this terminal before refusing outgoing calls.

maxTerminalConnection (2) [NUMBER] The maximal number of connections that we allow on this terminal before applying triggers on busy.

Return :

return LogicalTerminalBean new element created

Function getLogicalTerminal

<u>Description</u> :
This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
label [STRING] The label set on this terminal.
extension [STRING] We can link an abstract-logical-terminal to an Extension or a FaxAddress
<u>Return</u> :
Logical Terminals

Function deleteLogicalTerminal

<u>Description</u> :
delete a Logical Terminal. This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
physicalID* [STRING] this property represent the device's physicalID. It's mac address, ip address or sipID.
<u>Return</u> :
return true if it is successfull

Function updateLogicalTerminal

<u>Description</u> :
Update a LogicalTerminal with new values. If new extension provided, then the terminal is linked to new one This method can be used only if you are in an Enterprise context.
<u>Parameters</u> :
physicalID* [STRING] this property represent the device's physicalID. It's mac address, ip address or sipID.
extension [STRING] We can link an abstract-logical-terminal to an Extension or a FaxAddress **gateway** [STRING] The gateway to which this terminal is attached to reach it (logical-terminal or terminal deployed in IMS). This can be a gateway or a gateway group. We will used the gateway sipHostPort part to build-up the URI to this address this logical-terminal in addition to the userInfoPart.
label [STRING] The label set on this terminal.
MaxTerminalConnectionOnOutgoingCall [NUMBER] The maximal number of connections that we allow on this terminal before refusing outgoing calls.
callBackControl [BOOLEAN] Enables callback control on Remote terminals, Lync Terminals, Mobile Terminals and Multi Sim Terminal (default to no)
maxTerminalConnection [NUMBER] The maximal number of connections that we allow on this terminal before applying triggers on busy.
<u>Return</u> :
return LogicalTerminal element updated

2.4.20 MobileTerminal

Object : `MobileTerminalBean`
`label(30)`   : The label set on this terminal.
`extension` : We can link an abstract-logical-terminal to an Extension or a FaxAddress
`id` : the technical identifiant
`gateway` : The gateway to which this terminal is attached to reach it (logical-terminal or terminal deployed in IMS). This can be a gateway or a gateway group. We will used the gateway sipHostPort part to build-up the URI to this address this logical-terminal in addition to the userInfoPart.
`plmnNumber(25)`   : The plmn-number linked to this Mobile-Terminal. This number is formated in the country-code of the enterprise. (or in E164 format)

Function getMobileTerminal
Description :
This method can be used only if you are in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
label [STRING] The label set on this terminal.
extension [STRING] We can link an abstract-logical-terminal to an Extension or a FaxAddress
Return :
Mobile Terminals

Function updateMobileTerminal
Description :
This method can be used only if you are in an enterprise context.
Parameters :
selectedId* [NUMBER] id of mobile terminal we want to modify
label [STRING] The label set on this terminal.
Return :
update a Mobile Terminal

2.4.21 Line

Object : `LineBean`
`extension` : This property return; the extension linked to this Line.
`externalsd(30)` : You can set the external destination only if the line type is speed dial.
`devicePhysicalID` : The string must formed : devicePhysicalId-port. For mac adress no use separator :
`label(50)` : A label on this line
`lineNumber` : This is the line number. line 1 is always the default line
`userSRS(100)` : This is the user for the SRST line
`type` : This is the type of the line allowed values are 0=LINE 1=MONITORING 2=SPEEDDIAL 4=EXTERNALREGISTRATION(SRST)
`passwordSRST(100)` : This is the password for the SRST line

Function createLine
Description :
create a Line for a device. This method can be used only if you are in an enterprise context.
Parameters :
devicePhysicalID* [STRING] The string must formed : devicePhysicalId-port. For mac adress no use separator :
lineNumber* [DIGIT] This is the line number. line 1 is always the default line
label [STRING] A label on this line
extension [DIGIT] This property return; the extension linked to this Line.
type [NUMBER] This is the type of the line allowed values are 0=LINE 1=MONITORING 2=SPEEDDIAL 4=EXTERNALREGISTRATION(SRST)
externalsd [STRING] You can set the external destination only if the line type is speed dial.
userSRS [STRING] This is the user for the SRST line
passwordSRST [STRING] This is the password for the SRST line
Return :
return LineBean new element created

Function deleteLine
Description :
Remove/undefined a line for the selected terminal. This method can be used only if you are in an enterprise context.
Parameters :
devicePhysicalID* [STRING] The string must formed : devicePhysicalId-port. For mac adress no use separator :
lineNumber* [DIGIT] This is the line number. line 1 is always the default line
Return :
return true if it is successfull

Function getLine
Description :
This method can be used only if you are in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
devicePhysicalID [STRING] The string must formed : devicePhysicalId-port. For mac adress no use separator :

Return :
Lines

Function updateLine

Description :

update a line. For this verb All fields must be filled. Not only a change This method can be used only if you are in an enterprise context.

Parameters :

devicePhysicalID* [STRING] The terminal. Can't be null. If the Terminal is deleted, this tupple is deleted.

lineNumber* [NUMBER] This is the line number. line 1 is always the default line

label [STRING] A label on this line

extension [DIGIT] This property return; the extension linked to this Line.

type [NUMBER] This is the type of the line allowed values are 0=LINE 1=MONITORING 2=SPEED-DIAL 4=EXTERNALREGISTRATION(SRST)

externalsd [STRING] You can set the external destination only if the line type is speed dial.

userSRS [STRING] This is the user for the SRST line

passwordSRST [STRING] This is the password for the SRST line

Return :

return LineBean element updated

2.4.22 PagingGroup

Object : `PagingGroupBean`
`webIdentity(40)`   : web id for internalAddress
`extension(100)`   : The internal number assigned to this extension.
`hiddenDirectory` : Is this address visible to the Community main directory?
`isWebVoiceCard` : Do we autorize or not the Web Voice card on the internal address
`urlPhoto(1000)`   : An url photo linked to the internalAddress
`label(100)`   : The label set on this address.
`groupPassword(128)`   : This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.
`isWebCallBack` : Do we autorize or not the Web Call Back on the internal address

Function getPagingGroup
Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
extension [STRING] The internal number assigned to this extension.
label [STRING] The label set on this address.
groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.
hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?**isWebCallBack** [BOOLEAN] Do we autorize or not the Web Call Back on the internal address **isWebVoiceCard** [BOOLEAN] Do we autorize or not the Web Voice card on the internal address **urlPhoto** [STRING] An url photo linked to the internalAddress
webIdentity [STRING] web id for internalAddress
Return :
PagingGroups

Function createPagingGroup
Description :
create a PagingGroup in an enterprise. This method can be used only if you are in an Enterprise context.
Parameters :
extension* [STRING] The internal number assigned to this extension.
label [STRING] The label set on this address.
groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.
hiddenDirectory (false) [BOOLEAN] Is this address visible to the Community main directory?
isWebCallBack (false) [BOOLEAN] Do we autorize or not the Web Call Back on the internal address
isWebVoiceCard (false) [BOOLEAN] Do we autorize or not the Web Voice card on the internal address
urlPhoto [STRING] An url photo linked to the internalAddress
webIdentity [STRING] web id for internalAddress
Return :
return PagingGroupBean new element created

Function deletePagingGroup
Description :
delete a PagingGroup. This method can be used only if you are in an Enterprise context.

Parameters :
extension* [STRING] The internal number assigned to this extension.
Return :
return true if it is successfull

Function updatePagingGroup

Description :
update a PagingGroup. This method can be used only if you are in an Enterprise context.
Parameters :
selectedExtension* [STRING] PagingGroup we want to modify
extension [STRING] The internal number assigned to this extension.
label [STRING] The label set on this address.
groupPassword [STRING] This is the password of the mail-box assigned on this group. This password is mainly used by the AccessVoiceMail when we target directly the group address.
hiddenDirectory [BOOLEAN] Is this address visible to the Community main directory?**isWebCallBack** [BOOLEAN] Do we autorize or not the Web Call Back on the internal address **isWebVoiceCard** [BOOLEAN] Do we autorize or not the Web Voice card on the internal address **urlPhoto** [STRING] An url photo linked to the internalAddress
webIdentity [STRING] web id for internalAddress
Return :
return PagingGroupBean element updated

Function setExtensionsInPagingGroup

Description :
set the ordering list of extensions for this paging group This method can be used only if you are in an Enterprise context.
Parameters :
selectedExtension* [STRING] The internal number assigned to this extension.
extensions* [STRING] a list of extension separate with , . example : 300,305,303,306
Return :
return true if success

Function setOneExtensionInPagingGroup

Description :
set an extension in this group This method can be used only if you are in an Enterprise context.
Parameters :
selectedExtension* [STRING] The internal number assigned to this extension.
extension* [STRING] extension to add in this group
position [STRING] position in the group if no position add extension at the end
Return :
return true if success

Function listExtensionsInPagingGroup

Description :
return the ordering list of extensions in this group This method can be used only if you are in an Enterprise context.
Parameters :
selectedExtension* [STRING] The internal number assigned to this extension.
Return :
return String

2.4.23 TerminalScenario

Object : `TerminalScenarioBean`
`name(30)` : The name of this scenario: GenericScenario AccountCodesScenario ManagerScenario ACDScenario
`id` : The identifiant key of terminal scenario

Function getTerminalScenario

<u>Description</u> :
This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
id [NUMBER] The identifiant key of terminal scenario
name [STRING] The name of this scenario: GenericScenario AccountCodesScenario ManagerScenario ACDScenario
<u>Return</u> :
Terminals

2.4.24 ServiceDynamicProperty

Object : `ServiceDynamicPropertyBean`
`type` : property type
`name` : name of the dynamic property
`levelSetted` : level of the dynamic property
`valueDefault` : default value
`serviceName` : name of the service or IVR-service
`valueCommunity` : community value

Function getServiceDynamicProperty

Description :
get the dynamic property value defined for a service This method can be used only if you are in an enterprise context.
Parameters :
selectedName [STRING] The name of the target dynamic property
selectedServiceName [STRING] The target service name (ex: ACDCallCenter)
Return :
return DynamicPropertyBean

Function setLevelForServiceDynamicProperty

Description :
set the active level of a dynamic property defined for a service This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property
selectedServiceName* [STRING] The target service name (ex: ACDCallCenter, CallQueuingService, ...)
levelSetted* [STRING] The level to set : Default or Entreprise
Return :
return boolean success

Function setServiceDynamicProperty

Description :
set the enterprise value of a dynamic property defined for a service (the active level is not changed) This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property
selectedServiceName* [STRING] The target service name (ex: ACDCallCenter, CallQueuingService, ...)
valueCommunity* [STRING] The entreprise value to set
extraParams [STRING] The extra parameters needed by some types of dynamic properties
Return :
return boolean success

Function removeServiceDynamicProperty

Description :
remove the enterprise dynamic property defined for a service This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property

selectedServiceName* [STRING] The target service name (ex: ACDCallCenter, CallQueuingService, ...)
<u>Return</u> :
return boolean success

Function _getActiveValueForServiceDynamicProperty

<u>Description</u> :
find and return the active value for a service This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
selectedName* [STRING] The name of the target dynamic property
selectedServiceName* [STRING] The target service name (ex: ACDCallCenter, CallQueuingService, ...)
<u>Return</u> :
return the most overloaded active value

2.4.25 IVRDynamicProperty

Object : `IVRDynamicPropertyBean`
`type` : property type
`name` : name of the dynamic property
`targetName` : the extension of the IVR service
`levelSetted` : level of the dynamic property
`valueDefault` : default value
`valueSpecific` : specific value for the IVR service extension
`serviceName` : name of the service or IVR-service
`valueCommunity` : community value

Function listIVRServiceDynamicProperty
Description :
list dynamic properties defined for an IVR service extension (or all defined instances of an IVR service)
This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the dynamic property (* can be used)
selectedServiceName* [STRING] The target IVR service name (ex: EnterpriseVM)
selectedTargetName* [STRING] The target IVR service extension (ex: 555 for an EnterpriseVM)
Return :
return list IVRDynamicPropertyBean

Function setLevelForIVRServiceDynamicProperty
Description :
set the active level of a dynamic property defined for an IVR service extension This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property
selectedServiceName* [STRING] The target IVR service name (ex: EnterpriseVM)
selectedTargetName* [STRING] The target IVR service extension (ex: 555 for an EnterpriseVM)
levelSetted* [STRING] The level to set : Default or Entreprise or Extension
Return :
return boolean success

Function setIVRServiceDynamicProperty
Description :
set the specific value of a dynamic property defined for an IVR service extension This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property
selectedServiceName* [STRING] The target IVR service name (ex: EnterpriseVM)
selectedTargetName* [STRING] The target IVR service extension (ex: 555 for an EnterpriseVM)
levelSetted* [STRING] The level to set : Entreprise or Extension
value* [STRING] The value to apply to the dynamic property at the chosen level
extraParams [STRING] The extra parameters needed by some types of dynamic properties
Return :
return boolean success

Function removeIVRServiceDynamicProperty

Description :

remove the dynamic property defined for an IVR service extension for a given level This method can be used only if you are in an enterprise context.

Parameters :

selectedName* [STRING] The name of the target dynamic property

selectedServiceName* [STRING] The target IVR service name (ex: EnterpriseVM)

selectedTargetName* [STRING] The target IVR service extension (ex: 555 for an EnterpriseVM)

levelSetted* [STRING] The level to remove (Extension or Entreprise)

Return :

return boolean success

Function _getActiveValueForIVRServiceDynamicProperty

Description :

find and return the active value for a given IVR service extension This method can be used only if you are in an enterprise context.

Parameters :

selectedName* [STRING] The name of the target dynamic property

selectedServiceName* [STRING] The target IVR service name (ex: EnterpriseVM)

selectedTargetName* [STRING] The target extension name (ex: 555 for EnterpriseVM)

Return :

return the most overloaded actice value

2.4.26 ExtDynamicProperty

Object : `ExtDynamicPropertyBean`
`type` : property type
`targetName` : the extension of the ACD group, the Paging group or the extension forwarded to a service
`name` : name of the dynamic property
`levelSetted` : level of the dynamic property
`serviceName` : name of the service or IVR-service
`valueSpecific` : specific value for the ACD group, the Paging group or the extension forwarded to a service

Function listExtServiceDynamicProperty
Description :
list dynamic properties defined for an extension This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property (* can be used)
selectedServiceName* [STRING] The target service name (ex: ACDCallCenter, CallQueuingService, ...)
selectedTargetName* [STRING] The target extension (ex: 115 for ACD group)
Return :
return list of ExtDynamicPropertyBean

Function setExtServiceDynamicProperty
Description :
set the value of a dynamic property defined for an extension forwarded to a service This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property
selectedServiceName* [STRING] The target service name (ex: ACDCallCenter, CallQueuingService, ...)
selectedTargetName* [STRING] The target extension (ex: 115 for ACD group)
valueSpecific* [STRING] The specifc value to apply to the target extension
extraParams [STRING] The extra parameters needed by some types of dynamic properties
Return :
return boolean success

Function removeExtServiceDynamicProperty
Description :
remove the value of a dynamic property defined for an extension forwarded to a service This method can be used only if you are in an enterprise context.
Parameters :
selectedName* [STRING] The name of the target dynamic property
selectedServiceName* [STRING] The target service name (ex: ACDCallCenter, CallQueuingService, ...)
selectedTargetName* [STRING] The target extension name (ex: 115 for ACD group)
Return :
return boolean success

2.4.27 LdapServer

Object : `LdapServerBean`
`bindpassword(25)  :`
`ocsLtGw  :` This is the gateway to use for the logical terminals provisioned for OCS numbers. Null means no provisioning. The number of the logical terminal create will be the OCS number.
`searchbasedn(255)  :`
`searchfilter(255)  :`
`mDepartment(255)  :`
`mLastName(255)  :`
`mEmail(255)  :`
`mHomeNumber(255)  :`
`mOcsNumber(255)  :` This is the LDAP field that indicates the value to use for the Logical Terminal provisioning of OCS numbers.
`binddn(255)  :`
`id :` the technical identifiant
`mMobileNumber(255)  :`
`mJobTitle(255)  :`
`port(10)  :`
`address(255)  :`
`mLogin(255)  :`
`mPostalAddress(255)  :`
`mFirstName(255)  :`
`searchscope(5)  :`
`mobileLtGw :` This is the gateway to use for the logical terminals provisioned for mobile numbers. Null means no provisioning.

Function createLdapServer

<u>Description</u> :
create a LdapServer configuration on community for import user This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
address [STRING]
port (389) [STRING]
binddn [STRING]
bindpassword [STRING]
searchbasedn [STRING]
searchscope (2) [STRING] (values :0=base (base DN only), 1=one level (one level beneath base), 2=subtree (entire subtree, including base),)
searchfilter (objectclass=inetOrgPerson) [STRING]
mLogin (cn) [STRING]
mFirstName (givenName) [STRING]
mLastName (sn) [STRING]
mEmail (mail) [STRING]
mJobTitle (title) [STRING]
mHomeNumber (homePhone) [STRING]
mMobileNumber (mobile) [STRING]
mPostalAddress (streetAdress,postalCode,l,st) [STRING]
mDepartment (department) [STRING]
mOcsNumber (msRTCSIP-Line) [STRING] This is the LDAP field that indicates the value to use for the Logical Terminal provisioning of OCS numbers.
mobileLtGw [STRING] This is the gateway to use for the logical terminals provisioned for mobile num-

bers. Null means no provisioning.

ocsLtGw [STRING] This is the gateway to use for the logical terminals provisioned for OCS numbers. Null means no provisioning. The number of the logical terminal create will be the OCS number.

Return :

return LdapServerBean new element created

Function updateLdapServer

Description :

update ldapServer configuration on community for import user This method can be used only if you are in an enterprise context.

Parameters :

address [STRING]

port [STRING]

binddn [STRING]

bindpassword [STRING]

searchbasedn [STRING]

searchscope [STRING] (values :0=base (base DN only), 1=one level (one level beneath base), 2=subtree (entire subtree, including base),)

searchfilter [STRING]

mLogin [STRING]

mFirstName [STRING]

mLastName [STRING]

mEmail [STRING]

mJobTitle [STRING]

mHomeNumber [STRING]

mMobileNumber [STRING]

mPostalAddress [STRING]

mDepartment [STRING]

mOcsNumber [STRING] This is the LDAP field that indicates the value to use for the Logical Terminal provisioning of OCS numbers.

mobileLtGw [STRING] This is the gateway to use for the logical terminals provisioned for mobile numbers. Null means no provisioning.

ocsLtGw [STRING] This is the gateway to use for the logical terminals provisioned for OCS numbers. Null means no provisioning. The number of the logical terminal create will be the OCS number.

Return :

return LdapServerBean element updated

Function getLdapServer

Description :

return the Ldap server configuration of the community, use in import Ldap user This method can be used only if you are in an enterprise context.

Parameters :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

Return :

LdapServers

2.4.28 LDAPUserImport

Object : `LDAPUserImportBean`
`status` : the import status for user [Created, PartialCreated, Updated, PartialUpdated,Ignored,Deleted]
`deletedObject` : deleted object in configuration
`user` : the ldap user login
`info` : information about user

Function importLdapUsers

<u>Description</u> :
Imports the LDAP Users into IntraSwitch operation, according to the LdapServer configuration defined on the community This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
doCommit* [BOOLEAN] Do commit or preview
<u>Return</u> :
return list of LDAPUserImportBean and formated list of created department in LDAPUserImports structure

Function isLdapServerReachable

<u>Description</u> :
Is the ldap server configuration is Reachable This method can be used only if you are in an enterprise context.
<u>Parameters</u> :
<u>Return</u> :
return true if ok

2.4.29 Calendar

Object : `CalendarBean`
`user  :` The user owner of the calendar state
`assignedTo :` Internal field.Not use
`name(128)   :` Name of the calendar. This name must be unique.

Function getCalendar

<u>Description</u> :
This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] Name of the calendar. This name must be unique.
assignedTo [STRING] Internal field.Not use
user [STRING] The user owner of the calendar state
<u>Return</u> :
Calendars

Function createCalendar

<u>Description</u> :
create a Calendar in an enterprise. This method can be used only if you are authenticated.
<u>Parameters</u> :
name* [STRING] Name of the calendar. This name must be unique.
assignedTo [STRING] Internal field.Not use
<u>Return</u> :
return CalendarBean new element created

Function deleteCalendar

<u>Description</u> :
delete a Calendar. This method can be used only if you are authenticated.
<u>Parameters</u> :
name* [STRING] Name of the calendar. This name must be unique.
assignedTo [STRING] Internal field.Not use
<u>Return</u> :
return true if it is successfull

Function updateCalendar

<u>Description</u> :
update a Calendar. This method can be used only if you are authenticated.
<u>Parameters</u> :
selectedName* [STRING] Calendar we want to modify
selectedAssignTo [STRING] The target object to which this Calendar is assigned. Can't be null.
name [STRING] Name of the calendar. This name must be unique.
<u>Return</u> :
return CalendarBean element updated

2.4.30 CalendarWeekslot

Object : `CalendarWeekslotBean`
`customPresenceState(512)` **:** The user customPresenceState set on this time-slot
`dayOfWeek` **:** This property defines the day of the week for this slot, with US constants the first day of the week is sunday with value 1 and the last one is saturday with value 7 (constants are defined in java.util.Calendar.SUNDAY...).
`presenceState(512)` **:** The user's presenceState link to this calendar absolute slot
`startTime` **:** This property defines the start-time of the slot in minutes since the beginning of the day.
`description(512)` **:** A description for this calendar slot
`active` **:** Is this slot an active time-slot. (the meaning of active depend on what the calendar is applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match() method to return active/not-active if this slot match the requested time.
`endTime` **:** This property defines the end-time of the slot in minutes since the being of the day.

Function getCalendarWeekslot
Description :
This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
calendarName [STRING]
calendarAssignTo [STRING] Internal field.Not use
dayOfWeek [NUMBER] This property defines the day of the week for this slot, with US constants the first day of the week is sunday with value 1 and the last one is saturday with value 7 (constants are defined in java.util.Calendar.SUNDAY...).
startTime [NUMBER] This property defines the start-time of the slot in minutes since the beginning of the day.
endTime [NUMBER] This property defines the end-time of the slot in minutes since the being of the day.
active [BOOLEAN] Is this slot an active time-slot. (the meaning of active depend on what the calendar is applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match() method to return active/not-active if this slot match the requested time.
presenceState [STRING] (values :null=Use Default, $professionalActivity$atDesk$available=$professionalActivity$atDesk$available,
$professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity$notAtDesk$meeting$courseTraining,
$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away,
$personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,
)The user's presenceState link to this calendar absolute slot
description [STRING] A description for this calendar slot
Return :
CalendarWeekslots

Function createCalendarWeekslot
Description :
create a CalendarWeekslot in an enterprise. This method can be used only if you are authenticated.
Parameters :
calendarName (0) [STRING]
calendarAssignTo (0) [STRING] Internal field.Not use
dayOfWeek (1) [NUMBER] This property defines the day of the week for this slot, with US constants the first day of the week is sunday with value 1 and the last one is saturday with value 7 (constants are defined

in java.util.Calendar.SUNDAY...).

startTime (0) [NUMBER] This property defines the start-time of the slot in minutes since the beginning of the day.

endTime (0) [NUMBER] This property defines the end-time of the slot in minutes since the being of the day.

active (true) [BOOLEAN] Is this slot an active time-slot. (the meaning of active depend on what the calendar is applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match() method to return active/not-active if this slot match the requested time.

presenceState [STRING] (values :null=Use Default, $professionalActivity$atDesk$available=$professionalActivity$atDesk$available,

$professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining= $professionalActivity$notAtDesk$meeting$courseTraining,

$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,)The user's presenceState link to this calendar absolute slot

description [STRING] A description for this calendar slot

description [STRING] For slots imported from external systems, what is the name of this system.

externalSlotID [STRING] The slotID in the external system. (used to identiy this slot in this system)

customPresenceState [STRING] The user customPresenceState set on this time-slot

Return :

return CalendarWeekslotBean new element created

Function deleteCalendarWeekslot

Description :

delete a CalendarWeekslot. This method can be used only if you are authenticated.

Parameters :

calendarName* [STRING]

calendarAssignTo [STRING] Internal field.Not use

dayOfWeek [NUMBER] This property defines the day of the week for this slot, with US constants the first day of the week is sunday with value 1 and the last one is saturday with value 7 (constants are defined in java.util.Calendar.SUNDAY...).

startTime [NUMBER] This property defines the start-time of the slot in minutes since the beginning of the day.

externalSlotID [STRING] The slotID in the external system. (used to identiy this slot in this system)

Return :

return true if it is successfull

Function updateCalendarWeekslot

Description :

update a CalendarWeekslot. This method can be used only if you are authenticated.

Parameters :

selectedCalendarName* [STRING] CalendarWeekslot we want to modify

selectedCalendarAssignTo [STRING] CalendarWeekslot we want to modify

selectedDayOfWeek* [NUMBER] CalendarWeekslot we want to modify

selectedStartTime* [NUMBER] CalendarWeekslot we want to modify

dayOfWeek [NUMBER] This property defines the day of the week for this slot, with US constants the first day of the week is sunday with value 1 and the last one is saturday with value 7 (constants are defined in java.util.Calendar.SUNDAY...).

startTime [NUMBER] This property defines the start-time of the slot in minutes since the beginning of the day.

endTime [NUMBER] This property defines the end-time of the slot in minutes since the being of the day.

active [BOOLEAN] Is this slot an active time-slot. (the meaning of active depend on what the calendar is

applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match()
method to return active/not-active if this slot match the requested time.

presenceState [STRING] (values :null=Use Default, $professionalActivity$atDesk$available= $professionalActivity$atDesk$available,

$professionalActivity$atDesk$working=$professionalActivity$atDesk$working,

$professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActi

$professionalActivity$notAtDesk$meeting$courseTraining=$professionalActivity$notAtDesk $meeting$courseTraining,

$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalAc-

tivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away= $personalActivity$away,

$personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity $holidays,

)The user's presenceState link to this calendar absolute slot

description [STRING] A description for this calendar slot

description [STRING] For slots imported from external systems, what is the name of this system.

externalSlotID [STRING] The slotID in the external system. (used to identiy this slot in this system)

customPresenceState [STRING] The user customPresenceState set on this time-slot

<u>Return</u> :

return CalendarWeekslotBean element updated

2.4.31 CalendarAbsolutetimeslot

Object : `CalendarAbsolutetimeslotBean`

`active` : Is this slot an active time-slot. (the meaning of active depend on what the calendar is applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match() method to return active/not-active if this slot match the requested time.

`customPresenceState(512)` : The user customPresenceState set on this time-slot

`externalSlotID(50)` : The slotID in the external system. (used to identiy this slot in this system)

`endDateTime` : This property defines the end-time of the slot in unix time (milli-seconds since 1970).

`presenceState(512)` : The user's presenceState link to this calendar absolute slot

`startDateTime` : This property defines the start-time of the slot in unix time (milli-seconds since 1970).

`description(512)` : A description for this calendar slot

`slotSourceName(30)` : For slots imported from external systems, what is the name of this system.

Function getCalendarAbsolutetimeslot

Description :

This method can be used only if you are authenticated.

Parameters :

offset [NUMBER] This is an offset when using pagination

length [NUMBER] This is a length when using pagination

calendarName [STRING]

calendarAssignTo [STRING] Internal field.Not use

startDateTime [NUMBER] This property defines the start-time of the slot in unix time (milli-seconds since 1970).

endDateTime [NUMBER] This property defines the end-time of the slot in unix time (milli-seconds since 1970).

active [BOOLEAN] Is this slot an active time-slot. (the meaning of active depend on what the calendar is applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match() method to return active/not-active if this slot match the requested time.

presenceState [STRING] (values :null=Use Default, $professionalActivity$atDesk$available=$professionalActivity $atDesk$available,

$professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk $meeting$customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining= $professionalActivity$notAtDesk$meeting$courseTraining,

$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,)The user's presenceState link to this calendar absolute slot

description [STRING] A description for this calendar slot

Return :

CalendarAbsolutetimeslots

Function createCalendarAbsolutetimeslot

Description :

create a CalendarAbsolutetimeslot in an enterprise. This method can be used only if you are authenticated.

Parameters :

calendarName (0) [STRING]

calendarAssignTo (0) [STRING] Internal field.Not use

startDateTime (0) [NUMBER] This property defines the start-time of the slot in unix time (milli-seconds since 1970).

endDateTime [NUMBER] This property defines the end-time of the slot in unix time (milli-seconds since 1970).

active (true) [BOOLEAN] Is this slot an active time-slot. (the meaning of active depend on what the calendar is applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match() method to return active/not-active if this slot match the requested time.

presenceState [STRING] (values :null=Use Default, $professionalActivity$atDesk$available=$professionalActivity$atDesk$available,

$professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining= $professionalActivity$notAtDesk$meeting$courseTraining,

$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,

)The user's presenceState link to this calendar absolute slot

description [STRING] A description for this calendar slot

slotSourceName [STRING] For slots imported from external systems, what is the name of this system.

externalSlotID [STRING] The slotID in the external system. (used to identiy this slot in this system)

customPresenceState [STRING] The user customPresenceState set on this time-slot

Return :

return CalendarAbsolutetimeslotBean new element created

Function deleteCalendarAbsolutetimeslot

Description :

delete a CalendarAbsolutetimeslot. This method can be used only if you are authenticated.

Parameters :

calendarName [STRING]

calendarAssignTo [STRING] Internal field.Not use

startDateTime [NUMBER] This property defines the start-time of the slot in unix time (milli-seconds since 1970).

externalSlotID [STRING] The slotID in the external system. (used to identiy this slot in this system)

Return :

return true if it is successfull

Function updateCalendarAbsolutetimeslot

Description :

update a CalendarAbsolutetimeslot. This method can be used only if you are authenticated.

Parameters :

selectedCalendarName* [STRING] CalendarAbsolutetimeslot we want to modify

selectedCalendarAssignTo [STRING] CalendarAbsolutetimeslot we want to modify

selectedstartDateTime* [NUMBER] CalendarAbsolutetimeslot we want to modify

startDateTime [NUMBER] This property defines the start-time of the slot in unix time (milli-seconds since 1970).

endDateTime [NUMBER] This property defines the end-time of the slot in unix time (milli-seconds since 1970).

active [BOOLEAN] Is this slot an active time-slot. (the meaning of active depend on what the calendar is applied to, for some IVR it indicates if this IVR is open). This property is used by the Calendar match() method to return active/not-active if this slot match the requested time.

presenceState [STRING] (values :null=Use Default, $professionalActivity$atDesk$available=$professionalActivity$atDesk$available,

$professionalActivity$atDesk$working=$professionalActivity$atDesk$working, $professionalActivity$notAtDesk$meeting$customerMeeting=$professionalActi$professionalActivity$notAtDesk$meeting$courseTraining= $professionalActivity$notAtDesk$meeting$courseTraining,

$professionalActivity$notAtDesk$travelling=$professionalActivity$notAtDesk$travelling, $professionalActivity$notAtDesk$lunch=$professionalActivity$notAtDesk$lunch, $personalActivity$away=$personalActivity$away, $personalActivity$sick=$personalActivity$sick, $personalActivity$holidays=$personalActivity$holidays,

)The user's presenceState link to this calendar absolute slot

description [STRING] A description for this calendar slot

slotSourceName [STRING] For slots imported from external systems, what is the name of this system.

externalSlotID [STRING] The slotID in the external system. (used to identiy this slot in this system)
customPresenceState [STRING] The user customPresenceState set on this time-slot
<u>Return</u> :
return CalendarAbsolutetimeslotBean element updated

2.4.32   CalendarPresenceStateWeekslot

2.4.33   CalendarPresenceStateAbsolutetimeslot

2.4.34 FaxAddress

Object : `FaxAddressBean`
`label(100)` : The label set on this address.
`faxServer` : The fax-server that will received and send SIP fax-calls.
`extension(100)` : The unique extension number generated of fax Adress
`users` : List of users login linked
`emailsForFax` : The emails that will be used for the fax-to-email (receiver email) and email-to-fax (check the origin email). (separated by ';').
`emails(120)` : The specific emails needed for the fax-to-email and email-to-fax. (separated by ';').

Function getFaxAddress
Description :
This method can be used only if you are in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
extension [STRING] The unique extension number generated of fax Adress
label [STRING] The label set on this address.
emails [STRING] The specific emails needed for the fax-to-email and email-to-fax. (separated by ';').
faxServer [STRING] The fax-server that will received and send SIP fax-calls.
Return :
FaxAddresss

Function createFaxAddress
Description :
create a FaxAddress in an enterprise. This method can be used only if you are in an enterprise context.
Parameters :
label [STRING] The label set on this address.
emails [STRING] The specific emails needed for the fax-to-email and email-to-fax. (separated by ';').
faxServer [STRING] The fax-server that will received and send SIP fax-calls.
Return :
return FaxAddressBean new element created

Function deleteFaxAddress
Description :
delete a FaxAddress. This method can be used only if you are in an enterprise context.
Parameters :
extension* [STRING] The unique extension number generated of fax Adress
Return :
return true if it is successfull

Function updateFaxAddress
Description :
update a FaxAddress . This method can be used only if you are in an enterprise context.
Parameters :
selectedExtension* [STRING] The extension number fax address we want modify
label [STRING] The label set on this address.
emails [STRING] The specific emails needed for the fax-to-email and email-to-fax. (separated by ';').

faxServer [STRING] The fax-server that will received and send SIP fax-calls.
Return :
return FaxAddress Bean element updated

2.4.35 PhoneNumber

Object : `PhoneNumberBean`
`primar` : Whether this is the primary phone number
`number(255)` : phone number
`user` : The user owner of this phone-number.
`type` : Type of phone number (home, fax, work ...)
`label(255)` : label

Function getPhoneNumber

Description :
get phone number details This method can be used only if you are in an Enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
label [STRING] label
number [STRING] phone number
user [STRING] The user owner of this phone-number.
primar [BOOLEAN] Whether this is the primary phone number
Return :
PhoneNumbers

Function createPhoneNumber

Description :
create a phone number This method can be used only if you are in an Enterprise context.
Parameters :
label [STRING] label
number* [STRING] phone number
user [STRING] The user owner of this phone-number.
primar (false) [BOOLEAN] Whether this is the primary phone number
type (0) [NUMBER] (values :0=specific, 1=home, 2=homeFax, 3=mobile, 4=workFax, 5=workMobile, 6=work, 7=extension,)Type of phone number (home, fax, work ...)
Return :
PhoneNumberBean

Function deletePhoneNumber

Description :
delete a PhoneNumber. This method can be used only if you are in an Enterprise context.
Parameters :
label [STRING] label
number* [STRING] phone number
user [STRING] The user owner of this phone-number.
Return :
return true if it is successfull

Function updatePhoneNumber

Description :
update a PhoneNumber. This method can be used only if you are in an Enterprise context.
Parameters :

selectedlabel [STRING] Label PhoneNumber we want to modify **selectedNumber*** [STRING] phone number
selectedUser [STRING] The user owner of this phone-number. **number** [STRING] phone number
label [STRING] label
user [STRING] The user owner of this phone-number.
primar [BOOLEAN] Whether this is the primary phone number <u>Return</u> :
return PhoneNumberBean element updated

2.4.36 SinglePostalAddress

Object : <u>SinglePostalAddressBean</u>
`zip(100)`   : The zip's address
`country(255)`   : The country's address
`name(100)`   : The name for this postal address, this name must be not null.
`address1(255)`   : Street number and name
`district(255)`   : optional : canton, etat, region ...
`city(255)`   : The city's address
`address2(255)`   : optional : block, digicode, cedex ....

Function getSinglePostalAddress

<u>Description</u> :
get postal address details This method can be used only if you are authenticated.
<u>Parameters</u> :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] The name for this postal address, this name must be not null.
address1 [STRING] Street number and name

address2 [STRING] optional : block, digicode, cedex ....
zip [STRING] The zip's address
district [STRING] optional : canton, etat, region ...
city [STRING] The city's address
country [STRING] The country's address
<u>Return</u> :
PostalAddresss

Function createSinglePostalAddress

<u>Description</u> :
create a postal adress This method can be used only if you are authenticated.
<u>Parameters</u> :
name* [STRING] The name for this postal address, this name must be not null.
address1* [STRING] Street number and name
address2 [STRING] optional : block, digicode, cedex ....
zip* [STRING] The zip's address
district [STRING] optional : canton, etat, region ...
city* [STRING] The city's address
country* [STRING] The country's address
<u>Return</u> :
PostalAddressBean

Function deleteSinglePostalAddress

<u>Description</u> :
delete a PostalAddress. This method can be used only if you are authenticated.
<u>Parameters</u> :
name* [STRING] The name for this postal address, this name must be not null.
<u>Return</u> :
return true if it is successfull

Function updateSinglePostalAddress

Description :

update a PostalAddress. This method can be used only if you are authenticated.

Parameters :

selectName* [STRING] name of PostalAddress we want to modify

name [STRING] The name for this postal address, this name must be not null.

address1 [STRING] Street number and name

address2 [STRING] optional : block, digicode, cedex ....

zip [STRING] The zip's address

district [STRING] optional : canton, etat, region ...

city [STRING] The city's address

country [STRING] The country's address Return :

return PostalAddressBean element updated

2.4.37 SubPostalAddress

Object : `SubPostalAddressBean`
`city(255)` : The city's address
`country(255)` : The country's address
`type` : 0 for TYPE_POSTAL,1 for TYPE_VISITING,2 for TYPE_BILLING,3 for TYPE_OFFICEVISITING,4
for TYPE_OFFICEMAIL5 for TYPE_OFFICEBILLING
`district(255)` : optional : canton, etat, region ...
`address1(255)` : Street number and name
`zip(100)` : The zip's address
`address2(255)` : optional : block, digicode, cedex ....

Function getSubPostalAddress

Description :
get postal address details This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] This field is used to referenced this address from other entities.
type [NUMBER] (values :0=postal, 1=visiting, 2=billing,)0 for TYPE_POSTAL,1 for TYPE_VISITING,2
for TYPE_BILLING,3 for TYPE_OFFICEVISITING,4 for TYPE_OFFICEMAIL5 for TYPE_OFFICEBILLING
address1 [STRING] Street number and name
address2 [STRING] optional : block, digicode, cedex ....
zip [STRING] The zip's address
district [STRING] optional : canton, etat, region ...
city [STRING] The city's address
country [STRING] The country's address
Return :
PostalAddresss

Function createSubPostalAddress

Description :
create a postal adress This method can be used only if you are authenticated.
Parameters :
name [STRING] This field is used to referenced this address from other entities.
type (-1) [NUMBER] (values :0=postal, 1=visiting, 2=billing,)0 for TYPE_POSTAL,1 for TYPE_VISITING,2
for TYPE_BILLING,3 for TYPE_OFFICEVISITING,4 for TYPE_OFFICEMAIL5 for TYPE_OFFICEBILLING
address1* [STRING] Street number and name
address2 [STRING] optional : block, digicode, cedex ....
zip* [STRING] The zip's address
district [STRING] optional : canton, etat, region ...
city* [STRING] The city's address
country* [STRING] The country's address
Return :
PostalAddressBean

Function deleteSubPostalAddress

Description :
delete a PostalAddress. This method can be used only if you are authenticated.
Parameters :

name [STRING] This field is used to referenced this address from other entities.
type* [NUMBER] (values :0=postal, 1=visiting, 2=billing,)0 for TYPE_POSTAL,1 for TYPE_VISITING,2
for TYPE_BILLING,3 for TYPE_OFFICEVISITING,4 for TYPE_OFFICEMAIL5 for TYPE_OFFICEBILLING
<u>Return</u> :
return true if it is successfull

Function updateSubPostalAddress

<u>Description</u> :
update a PostalAddress. This method can be used only if you are authenticated.
<u>Parameters</u> :
selectName [STRING] name of PostalAddress we want to modify
selectName* [NUMBER] (values :0=postal, 1=visiting, 2=billing,)type of postal adress. Possible values
(0: postal, 1: visiting, 2: billing) ; The value -1 is set as default in DB but this value must not be used on
SubPostalAddress (reserved for others final type of AbstractPostalAddress)
address1 [STRING] Street number and name
address2 [STRING] optional : block, digicode, cedex ....
zip [STRING] The zip's address
district [STRING] optional : canton, etat, region ...
city [STRING] The city's address
country [STRING] The country's address <u>Return</u> :
return PostalAddressBean element updated

2.4.38 MetaPostalAddress

Object : `MetaPostalAddressBean`
`entID` : The Community to which this adress belongs to.
`name(100)` : The name for this postal address, this name must be not null.

Function getMetaPostalAddress

Description :
get postal address details This method can be used only if you are authenticated.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
name [STRING] The name for this postal address, this name must be not null.
Return :
PostalAddresss

Function createMetaPostalAddress

Description :
create a postal adress This method can be used only if you are authenticated.
Parameters :
name* [STRING] The name for this postal address, this name must be not null.
entID [STRING] The Community to which this adress belongs to.
Return :
PostalAddressBean

Function deleteMetaPostalAddress

Description :
delete a PostalAddress. This method can be used only if you are authenticated.
Parameters :
name* [STRING] The name for this postal address, this name must be not null.
Return :
return true if it is successfull

Function updateMetaPostalAddress

Description :
update a PostalAddress. This method can be used only if you are authenticated.
Parameters :
selectName* [STRING] name of PostalAddress we want to modify
name [STRING] The name for this postal address, this name must be not null.
Return :
return PostalAddressBean element updated

2.4.39 ServicePack

Object : `ServicePackBean`
`expirationDate` : expiry date in epoch format
`name(40)`   : The name of this service pack.
`startDate` : Start date in epoch format
`admtiveDomain` : The administrative domain defined, never null.

Function addServicePack

Description :
create a service plan (pack) This method can be used only if you are authenticated.
Parameters :
admtiveDomain [STRING] The administrative domain defined, never null.
name [STRING] The name of this service pack.
startDate [NUMBER] Start date in epoch format
expirationDate [NUMBER] expiry date in epoch format
Return :
ServicePlanBean

Function deleteServicePack

Description :
delete a servicepack This method can be used only if you are authenticated.
Parameters :
name [STRING] The name of this service pack.
Return :
return true if it is successfull

Function updateServicePack

Description :
update an service pack This method can be used only if you are not in an enterprise context.
Parameters :
selectedName* [STRING] ServicePack we want to modify
name [STRING] The name of this service pack.
admtiveDomain [STRING] The administrative domain defined, never null.
startDate [NUMBER] Start date in epoch format
expirationDate [NUMBER] expiry date in epoch format
Return :
return updated ServicePackBean element

Function listServicePack

Description :
list all servicepack, filter if provided This method can be used only if you are not in an enterprise context.
Parameters :
name [STRING] The name of this service pack.
admtiveDomain [STRING] The administrative domain defined, never null.
Return :
ServicePacks

Function assignServicePackToExtension

Description :

assign a service plan to an extension This method can be used only if you are in an enterprise context.

Parameters :

name [STRING] The name of this service pack.

addressNumber [STRING] The target object to which the service pack is assigned.

Return :

ServicePackAccessBean

Function unassignServicePackExtension

Description :

unassign a servicepack from the extension This method can be used only if you are in an enterprise context.

Parameters :

name [STRING] The name of this service pack.

addressNumber [STRING] The target object to which the service pack is assigned.

Return :

return true if it is successfull

Function listAssignedServicePack

Description :

list all assigned servicepack, filter if provided This method can be used only if you are authenticated.

Parameters :

addressNumber [STRING] The target object to which the service pack is assigned.

Return :

ServicePacks

2.4.40 InternalAddress

Object : `InternalAddressBean`
`externalDestination(25)` : external destination for speedial
`pstnNumbers` : Pstn numbers comma-separated
`plmnNumbers` : Plmn numbers comma-separated
`addressNumber(100)` : The internal number assigned to this extension.
`ivrName(100)` : The name of the java-class that implement this service.
`groupType` : if type is GENERICGROUPADDRESS: GROUP= 0;ACDGROUP= 1;PAGINGGROUP= 2;
`label(100)` : The label set on this address.
`type` : EXTENSION= 0;GENERICGROUPADDRESS= 1;SPEEDDIAL= 3;IVRSERVICE= 4;
`billingCallType(40)` : This property defines the call-type rule to applied in the billing process for external calls that are established between two communities that are part of this peering. If multiple peerings match the two communities we will use the call-type rule of the most precise peering from the caller community point of view.
`members` :

Function getInternalAddress

Description :
This method can be used only if you are in an enterprise context.
Parameters :
offset [NUMBER] This is an offset when using pagination
length [NUMBER] This is a length when using pagination
addressNumber [STRING] The internal number assigned to this extension.
type [STRING] (values :0=extension, 1=generic group address, 3=speed-dial, 4=IVR service, 5=fax address,)EXTENSION= 0;GENERICGROUPADDRESS= 1;SPEEDDIAL= 3;IVRSERVICE= 4;
Return :
InternalAddresss

3 Client

3.1 Client Information

Note

Web service server side implementation is Apache Axis2 which supports standard Soap 1.1/1.2 and WSDL 1.1/2.0.
We assume that we provide you at least the WSDL interface to allow you to use any standard Soap client program interface to invoke our WebServices.

For our internals tests we use many methods : PHP soap client , axis2 tool wsdl2java or graphical soap UI.....

- php language using the standard soap library. We have also customized a library to make easier calls.

- Axis tool WSDLToJava which generates stubs java objects from WSDL to use the axis client API.
- Others .....

Centile can provide you example client code and support.

Life cycle of our WebServices

We maintain the signature of our verbs each of new IntraSwitch release. We try at maximum to have an ascendant compatibility between version.
In this case you are not forced to consider new parameter or new verbs in your client side invokes. In fact new parameter have default value in our model and we accept empty or null values.
We suppose also that your client API maintains WSDL updates.
You may lead to slightly maintain your invoicing code according to new WS parameters you may want to take care of.
In case our business data change (like deprecated parameter ..) you should maintain client side invokes.
You will be inform in release notes.

Known limitation

Soap client request send to axis2 server must contain all parameters defined for the signature of a verb (wsdl contract). Else there is a risk of bad assignment of parameters on axis2 server side (It seems the parameters are processed in order, not by name). According to your client Soap assure you that sent soap request is complete else you have to declare all parameters in your soap call and put null or empty value if you want to ignore parameter.

3.2 PHP client

3.3 Example with addressing :

Support can send you a php client. Important All parameters of WebServices method must be set/declared in argument array. You can use "" value if you don t want set value.

Listing 1: example exampleCentileClient php

```php
<?php
require_once "client.php";
 /* create client */
 $client = new CentileClient("hostName","8078","Enterprise");
```

```
5  /* call is connected (answer is false) */
6  $var =$client->__soapCall('isConnected',array());
7  /* do a login */
8  $var = $client->__soapCall('login', array(array("login" => "admin","password" => "
       adminpassword")));
9  /* call is connected (answer is true) */
10 $var =$client->__soapCall('isConnected',array());
```

3.3.1   Source CentileClient.php

Listing 2: CentileClient php

```
1
2  <?php
3
4  require_once "soap-wsa.php";
5  class CentileClient extends SoapClient
6  {
7   var $mySessionID;
8
9   function CentileClient($server, $port,$mode) {
10     parent::__construct("http://".$server.":".$port."/axis2/services/".$mode."?wsdl", array(
            'soap_version' => SOAP_1_2,'trace' => true));
11  }
12
13
14  public function unsetSessionID()
15  { if(isset($mysessionIS)){
16    unset($mysessionIS);
17     }
18  }
19
20  public function __soapCall($action,$params){
21    if(isset($this->mySessionID)){
22      $soapHeader = new SoapHeader('http://ws.apache.org/namespaces/axis2',
23      'ServiceGroupId',
24      $this->mySessionID);
25      $soapanswer= parent::__soapCall($action,$params,null,$soapHeader);
26    }else{
27      $soapanswer= parent::__soapCall($action,$params);
28    }
29    $this->mySessionID=$this->getSoapSession($this->__getLastResponse());
30    return $soapanswer;
31  }
32
33  public function __doRequest($request, $location, $saction, $version){
34    $dom = new DOMDocument();
35    $dom->loadXML($request);
36    $wsasoap = new WSASoap($dom);
37    $wsasoap->addAction($saction);
38    $wsasoap->addTo($location);
39    $wsasoap->addMessageID();
40    $wsasoap->addReplyTo();
41    $request = $wsasoap->saveXML();
42    return parent::__doRequest($request, $location, $saction, $version);
43  }
44
45
46  private function getSoapSession($response){
47    $soapsession = '';
48    $xml = new
49    XMLReader();$xml-
50    >XML($response);while
51    ($if{strpds}($xml->name, 'axis2:ServiceGroupId') !== false) {
52        $xml->read();
53        $soapsession = $xml->value;
54        $xml->read();
55        return  $soapsession;
56      }
57     }
58    return $soapsession;
59  }
60
61
62
63  }
```

3.4 Example with ssession :

The two next examples do exatly the same thing

Listing 3: example 1

```
$server="nounours";
$port="8078";
$mode="EnterpriseSession";


 $client = new SoapClient("http://".$server.":".$port."/axis2/services/".$mode."?wsdl",
     array('soap_version' => SOAP_1_2,'trace' => true));
echo CentileClient;
 $loginsession = $client->__soapCall('login', array(array("login" => "admin","password" => "
     admin")));
echo "<BR>";
echo "login :";
echo "<BR>";
print_r ($loginsession);
echo "<BR>";
 $var =$client->__soapCall('isConnected',array(array("wssession" => strval($loginsession->
     return))));
echo "<BR>";
echo "isConnected :";
echo "<BR>";
print_r ($var);
echo "<BR>";
$var =$client->__soapCall('getAdministrativedomain',array(array("wssession" => strval(
     $loginsession->return))));
echo "<BR>";
echo "getAdministrativedomain :";
echo "<BR> print_r=";
print_r ($var);
echo "<BR> nb administrativedomain var->return[]->number=".$var->return->number."<BR>";
print_r ($var->return->elements);
```

Listing 4: example 2

```
$server="nounours";
$port="8078";
$mode="EnterpriseSession";





 $loginsession = $client->login( array("login" => "admin","password" => "admin"));

 $wssession = strval($loginsession->return);

echo "<BR>";
echo "login :";
echo "<BR>";
print_r ($loginsession);
echo "<BR>";
 $var =$client->isConnected(array("wssession" => $wssession));
echo "<BR>";
echo "isConnected :";
echo "<BR>";
print_r ($var);
echo "<BR>";
$var =$client->getAdministrativedomain(array("wssession" =>  $wssession));
echo "<BR>";
echo "getAdministrativedomain :";
echo "<BR> print_r=";
print_r ($var);
echo "<BR> nb administrativedomain var->return[]->number=".$var->return->number."<BR>";
print_r ($var->return->elements);
```

3.5 Java client

Today, we can generate a java client directly with axis2 tool *(wsdl2java)*. you can generate from WSDL jar file (ws-stub) including generate classes. With these classes we are able to create a java client. You need to have required tool and library to use tool and client Axis. Our support can help you.

3.5.1 How to use axis2 stub client?

Listing 5: stub client

```
//The stub client lost http session after 30 second.

String address=connectionType+"://"+serverName+":"+port+"/axis2/services/Enterprise?wsdl
    ";
  //stub class WebService Enterprise
  EnterpriseStub stub =
        new EnterpriseStub(address);
  stub._getServiceClient().engageModule("addressing");
  stub._getServiceClient().getOptions().setManageSession(true);
  stub._getServiceClient().getOptions().setProperty(HTTPConstants.REUSE_HTTP_CLIENT,
      Boolean.TRUE);
  ConfigurationContext configurationContext = ConfigurationContextFactory.
      createConfigurationContextFromFileSystem(null, null);
  HttpClient httpClient = new HttpClient(new MultiThreadedHttpConnectionManager());
  configurationContext.setProperty(HTTPConstants.REUSE_HTTP_CLIENT, Boolean.TRUE);
  configurationContext.setProperty(HTTPConstants.CACHED_HTTP_CLIENT, httpClient);
  mEnterpriseStub=stub;


    // stub class operation
Login mylogin= new Login();
mylogin.setLogin(login);
mylogin.setPassword(password);

//call web services "login" operation
mEnterpriseStub.login(mylogin).get_return();

// stub class operation
GetAdministrativeDomain getAdministrativeDomain = new GetAdministrativeDomain();
getAdministrativeDomain.setOffset(offset);
getAdministrativeDomain.setLength(length);
getAdministrativeDomain.setName(name);
getAdministrativeDomain.setType(type);
getAdministrativeDomain.setParentAdmtiveDomain(parentAdmtiveDomain);
mEnterpriseStub.getAdministrativeDomain(getAdministrativeDomain).get_return();
```

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