



Telinta
Additions
to XML API (SOAP)

Admin Guide

Rev. 4.6

www.telinta.com

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Introduction

PortaBilling allows to perform operations such as data retrieval or data modification via XML API (SOAP). Telinta engineers extended the standard SOAP API methods available in PortaBilling.

This document gives an overview of SOAP API methods that are available in addition to standard methods.

Methods that are described in the section Establishing Authenticated Session are standard and given for reference only.

To get a description of standard SOAP API methods available in PortaBilling please check the PortaSwitch External System Interfaces Guide.

Access to API

Proxy (server address) for Admin access:

<https://mybilling.telinta.com:443/soap/>

Proxy (server address) for Reseller access:

<https://mybilling.telinta.com:8444/soap/>

Security

Connection to the SOAP interface is provided via HTTPS.

Authentication is done using authentication pairs (login–password). Each request to a method should contain the auth_info structure as the SOAP header attribute.

Error Handling

SOAP faults are used to carry error information within a SOAP message. If the actual response has a SOAP fault element as the body entry, then an error has occurred. In this case, any other fields in the response cannot be guaranteed to be accurate; only the fault sub–elements should be used to identify an error. Currently, these sub–elements are:

- **faultcode:** intended for use by the client software and provides an algorithmic mechanism for identifying the fault.
- **faultstring:** provides a human readable explanation of the fault, and is not intended for algorithmic processing.

WSDL

WSDL documents are available for download from the web server at the following URL:

<https://mybilling.telinta.com/wSDL/>

Establishing Authenticated Session

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Session>

login

Parameters: LoginRequest structure
Return value: LoginResponse structure

Checks the validity of login and password and returns session_id on success. SOAP Fault is thrown on failure.

ping

Parameters: PingRequest structure
Return value: PingResponse structure

Checks the validity of previously opened session and returns user_id on success. SOAP Fault is thrown on failure.

logout

Parameters: LogoutRequest structure
Return value: no value is returned on success

Terminates the session. You should call logout() to terminate the session properly.

Type Reference

LoginRequest structure

Property	Type	Description
login	string	User Name, as specified on web interface
password	string	Password, as specified on web interface

LoginResponse structure

Property	Type	Description
session_id	string	ID of newly opened session

PingRequest structure

Property	Type	Description
session_id	string	ID of previously opened session

PingResponse structure

Property	Type	Description
user_id	int	ID of user currently logged in to the specified session

LogoutRequest structure

Property	Type	Description
session_id	string	ID of previously opened session

Access to Destination Information

Methods

URI (namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

get_destination

Parameters: GetDestinationRequest structure

Return Value: GetDestinationResponse structure

This method allows getting the destinations that match certain prefix from the environment.

Type Reference

GetDestinationRequest structure

Property	Type	Description
i_env	int	ID of the environment
prefix	int	Prefix of the destination

GetDestinationResponse structure

Property	Type	Description
destination	string	Filtered destination

Access to Destination Group Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

get_group_set_list

Depricated in favour of Destination/get_dest_group_set_list

get_group_set

Depricated in favour of Destination/get_dest_group_list

get_group

Depricated in favour of Destination/get_dest_group_info

Access to Tariff Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

Key

- * – A value can be entered for this property only when inserting new records, and cannot be changed later.
- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

add_tariff

Deprecated in favour of Tariff/add_tariff

get_rates_list

Parameters: GetRatesListRequest structure
Return Value: GetRatesListResponse structure

This method allows an API user to retrieve the list of rates in the tariff.

add_update_tariff_binding

Parameters: AddUpdateTariffBindingRequest structure
Return Value: AddUpdateTariffBindingResponse structure

This method allows an API user to add or update tariff template bindings that are used to authorize certain email addresses during rates email uploading.

del_tariff_binding

Parameters: DelTariffBindingRequest structure
Return Value: DelTariffBindingResponse structure

This method allows an API user to delete tariff template bindings and prevent an email address from performing rates email uploads.

get_tariff_binding_list

Parameters: GetTariffBindingListRequest structure
Return Value: GetTariffBindingListResponse structure

This method allows an API user to get the tariff bindings of the tariff associated with the customer.

get_tariff_templates_list

Parameters: GetTariffTemplatesListRequest structure
Return Value: GetTariffTemplatesListResponse structure

This method allows an API user to get the list of tariff upload templates associated with the customer.

add_update_routing_tariff

Deprecated in favour of Product/add_service_and_rating

get_routing_tariff_list

Deprecated in favour of Product/get_service_and_rating_list

delete_routing_tariff

Parameters: DeleteRoutingTariffRequest structure
Return Value: DeleteRoutingTariffResponse structure

This method allows an API user to delete a routing tariff associated with a customer.

get_tariff_list

Deprecated in favour of Tariff/get_tariff_list

get_tariff_info

Deprecated in favour of Tariff/get_tariff_info

Type Reference

GetRatesListRequest structure

Property	Type	Description
i_tariff	int	ID of the added tariff
i_rate	int	ID of the rate
tmpl	string	Specifies the string that will be searched in 'type' column of the rate
type	enum	Indicates the column (destination country description)
tmpl1	string	Specifies the string that will be searched in 'type1' column of the rate
type1	enum	Indicates the column (destination country description)
tmpl2	string	Specifies the string that will be searched in 'type2' column of the rate
type2	enum	Indicates the column (destination country description)
offset	int	Specifies the number of rows to skip (min = 0)
pager	int	Specifies the number of rows to return (min = 1, max = 100)
direction	enum	ASC indicates ascending order. (default) DESC indicates descending order
sortby	string	One of the following fields from RateInfo structure. It will be used to sort an array

GetRatesListResponse structure

Property	Type	Description
rates_list	array	Array with two elements. The first is an array of RateInfo structure. The second is a number of rates in the tariff.

AddUpdateTariffBindingRequest structure

Property	Type	Description
i_ttb	int	ID of the tariff template binding
i_tariff*	int	ID of the added tariff
i_tariff_template	int	ID of the tariff template
email_from	string	Authorized email address
email_key	string	Security key used for authorization
disabled	string	Disable address option

AddUpdateTariffBindingResponse structure

Property	Type	Description
i_ttb	int	ID of the created tariff template binding
i_tariff	int	ID of the tariff

DelTariffBindingRequest structure

Property	Type	Description
i_ttb	int	ID of the added ID of the tariff template binding being deleted

DelTariffBindingResponse structure

Property	Type	Description
result	string	Message indicating the result of operation

GetTariffBindingListRequest structure

Property	Type	Description
i_tariff	int	ID of the added tariff

GetTariffBindingListResponse structure

Property	Type	Description
bindings	string	List of the tariff bindings

GetTariffTemplatesListRequest structure

Property	Type	Description
type	string	Type of the template

GetTariffTemplatesListResponse structure

Property	Type	Description
templates	string	List of templates for the tariff

DeleteRoutingTariffRequest structure

Property	Type	Description
i_accessibility	int	ID of the accessibility
i_acc_routing_tariff	int	ID of the routing tariff

DeleteRoutingTariffResponse structure

Property	Type	Description
success	string	Message indicating success of the operation

TariffInfo structure

Property	Type	Description
i_tariff	int	ID of the tariff
name	char	Name of the tariff
period	char	Default off-peak period
currency*	char	Currency used in the tariff
free_sec	int	Free seconds
connect_fee	decimal	Connect fee
login_fee	decimal	First login fee
description	char	Tariff description
post_call_sur-charge	decimal	Post call surcharge
i_tariff_template_upload	int	ID of the tariff upload template
i_tariff_template_download	int	ID of the tariff download template
i_customer	int	ID of the customer associated with the tariff
short_description	char	Short tariff description
routing_ext	char	Routing extension
i_dest_group_set	int	ID of the destination group set
formula	char	Default rating formula
rounding	char	Charger amount rounding
rating mode	enum	
i_service*	int	ID of the service that tariff is used for
type	enum	Type of the tariff (routing/ordinary)

RateInfo structure

Property	Type	Description
<u>i_dest</u>	int	ID of the destination record
effective_from	date	Time Defines when the rate starts to be applied
i_tariff	int	ID of the tariff record
i_rate	int	ID of the rate record (mandatory for update operations)
interval_1	int	First billing interval
interval_n	int	Next billing interval_1
price_1	float	Price for first interval
price_n	float	Price for next interval
op_interval_1	int	First billing interval for off-peak time
op_interval_n	int	Next billing interval for off-peak time
op_price_1	float	Price for first interval for off-peak time
op_price_n	float	Price for next interval for off-peak time
hidden	string	Indicates that the rate is excessive and may be omitted when making a list of rates
discontinued	string	Indicates that rate is discontinued
forbidden	char	Indicates that no calls are authorized for the particular destination
preference	int	Routing priority
huntstop	string	Indicates whether huntstop is set or not
formula	string	Indicates if this rate uses a call rating formula
route_category	int	ID of route category
op_route_category	int	ID of route category for off-peak period
op_preference	int	Routing priority for off-peak period
op_huntstop	string	Indicates whether huntstop for off-peak period is set or not
active	string	Indicates that rate is active or not (Y/N)
description	string	Text description of this entry
country	string	Country name
destination	string	Destination number

Access to Environment Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

get_i_env

Parameters:

Return Value: GetIEnvResponse structure

This method returns the number of the environment based on the login information.

Type Reference

GetIEnvResponse structure

Property	Type	Description
i_env	int	ID of the environment

Access to Customer Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Callmon>

get_customer_stats

Parameters: GetCustomerStatsRequest structure
Return Value: GetCustomerStatsResponse structure

This method allows an API user to get statistics of the customer or the reseller.

get_customer_stats_by_days

Parameters: GetCustomerStatsRequest structure
Return Value: GetCustomerStatsResponse structure

This method allows an API user to get the statics of the customer for one day.

get_customer_stats_lastdays

Parameters: GetCustomerStatsLastdaysRequest structure
Return Value: GetCustomerStatsLastdaysResponse structure

This method allows an API user to get call statistics for the last N days.

get_customer_stats_eachday

Parameters: GetCustomerStatsEachdayRequest structure
Return Value: GetCustomerStatsEachdayResponse structure

This method allows an API user to get the call statistics for each day.

get_customers_stats

Parameters: GetCustomersStatsRequest structure
Return Value: GetCustomersStatsResponse structure

This method allows an API user to get call statistics of the given customer.

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

get_stats_dates

Parameters: GetStatsDatesRequest structure

Return Value: GetStatsDatesResponse structure

This method allows getting the customer or vendor statistics CSV file list.

get_customer_vdp_counter_history

Parameters: GetCustomerVDPCounterHistoryRequest structure

Return Value: GetCustomerVDPCounterHistoryResponse structure

This method allows getting volume discount plan history for the customer.

Type Reference

GetCustomerStatsRequest structure

Property	Type	Description
i_direct_customer	int	ID of the reseller
i_customer	int	ID of the customer
max_calls_per_week	int	Max calls per week for customer
groupby	string	Define how to group the results

GetCustomerStatsResponse structure

Property	Type	Description
CustomerStats structure	string	The list of customer statistics

GetCustomerStatsByDaysRequest structure

Property	Type	Description
i_customer	int	ID of the customer

GetCustomerStatsByDaysResponse structure

Property	Type	Description
CustomerStatsBy-Days structure	string	The list of customer statistics

GetCustomerStatsLastdaysRequest structure

Property	Type	Description
i_direct_customer	int	ID of the reseller
i_customer	int	ID of the customer
max_calls_per_week	int	Maximum number of calls made per week
number_of_days	int	Get statistics for this number of days
groupby	string	Grouping by country

GetCustomerStatsLastdaysResponse structure

Property	Type	Description
list	string	List of stats

GetCustomerStatsEachdayRequest structure

Property	Type	Description
i_direct_customer	int	ID of the reseller
i_customer	int	ID of the customer
max_calls_per_week	int	Maximum number of calls made per week
groupby	string	Grouping by country

GetCustomerStatsEachdayResponse structure

Property	Type	Description
CustomerStatsEachday structure	string	List of customer stats for each day

GetCustomersStatsRequest structure

Property	Type	Description
i_env	int	ID of the environment
i_customer	int	ID of the customer
iso_3166_1_a2	string	Adds grouping by country
destination	int	Number/prefix
from_date	string	Starting statistics date
to_date	string	Ending statistics date
min_calls	int	Minimal number of calls made
total	string	Summed up statistics
groupby	string	Grouping settings

GetCustomersStatsResponse structure

Property	Type	Description
CustomersStats structure	string	The list of customer statistics

GetStatsDatesRequest structure

Property	Type	Description
type	string	Type of the entity (vendor or customer)
i_customer/ i_vendor	int	ID of the customer or vendor

GetStatsDatesResponse structure

Property	Type	Description
file_list	array	Array of CSV statistics files

CustomerStats structure

Property	Type	Description
callsperhour	int	Average number of calls made per our
callsperday	int	Average number of calls made per day
callsperweek	int	Average number of calls made per week
payperhour	int	Average payment amount per hour
payperday	int	Average payment amount per day
payperweek	int	Average payment amount per week
profitperhour	int	Average profit per hour
profitperday	int	Average profit per day
profitperweek	int	Average profit per week
sucperhour	int	Average number of successful calls per hour
sucperday	int	Average number of successful calls per day
sucperweek	int	Average number of successful calls per week
durationperday	int	Average call duration per hour
durationperhour	int	Average call duration per day
durationperweek	int	Average call duration per week

CustomerStatsByDays structure

Property	Type	Description
i_customer	int	ID of the customer
name	varchar	Name of the customer
date	times-tamp	Date of the statistics
calls	int	Total number of calls made
acd	int	Average call duration
asr	int	Average successful call rate
pay	float	Payment amount
profit	float	Profit amount

CustomerStatsEachday structure

Property	Type	Description
durationperday_i	int	Average call duration per day
asrperday_i	int	Average successful call rate per day
acdperday_i	int	Average call duration per day
callsperday_i	int	Average number of calls per day
sucperday_i	int	Average number of successful calls per day
failperday_i	int	Average number of failed calls per day
durationperweek	int	Average call duration per week
asrperweek	int	Average successful call rate per week
acdperweek	int	Average call duration per week
callsperweek	int	Average number of calls per week
sucperweek	int	Average number of successful calls per week
failperweek	int	Average number of failed calls per week

CustomersStats structure

Property	Type	Description
calls	int	Total number of calls made by the customer
successful_calls	int	Total number of successful calls made by the customer
failed_calls	int	Total number of failed calls made by the customer
charge	float	Total charged amount
profit	float	Total profit amount
duration	float	Total call duration

GetCustomerActiveCalls structure

Property	Type	Description
i_active_callleg	int	ID of the active call leg
i_account	int	ID of the active account
i_customer	int	ID of the customer
CLI	vchar	Calling number
CLD	vchar	Called number
call_type	string	Type of the call in progress
call_origin	string	Origin of the call
connect_time	string	Time passed since the call started

GetCustomerVDPCounterHistoryRequest structure

Property	Type	Description
<u>i_customer</u>	int	ID of the customer
from	dateTime	Start date
to	dateTime	End date

GetCustomerVDPCounterHistoryResponse structure

Property	Type	Description
result	array	Array of CustomerVDPCounterHistory structure

CustomerVDPCounterHistory structure

Property	Type	Description
threshold	int	Threshold of the discount
dis-count_start_date	dateTime	Start date of the discount
used	int	Used volume
destination_group	string	Name of the destination group
i_cvd_counter	int	ID of the counter
service	string	Type of service
discount_re-set_date	dateTime	Reset date of the discount

Access to Vendor Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Callmon>

Key

- * – A value can be entered for this property only when inserting new records, and cannot be changed later.
- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

get_vendor_list

Params: GetVendorListRequest structure

Return Value: GetVendorListResponse structure

This method allows an API user to get list of vendors in the given environment.

get_vendor_info

Params: GetVendorInfoRequest structure

Return Value: GetVendorInfoResponse structure

This method allows an API user to get information about vendor associated with the customer.

get_connection_list

Params: GetConnectionListRequest structure

Return Value: GetConnectionListResponse structure

This method allows an API user to get the list of connections of the given vendor in the given environment.

get_connection_info

Params: GetConnectionInfoRequest structure

Return Value: GetConnectionInfoResponse structure

This method allows an API user to get connections info of the given vendor in the given environment.

get_connection_stats

Deprecated in favor of get_connections_stats

get_vendor_stats_by_days

Parameters: GetVendorStatsByDaysRequest structure

Return Value: GetVendorStatsByDaysResponse structure

This method allows an API user to get calls statistics for one day.

get_connections_stats

Parameters: GetConnectionsStatsRequest structure

Return Value: GetConnectionsStatsResponse structure

This method allows an API user to get filtered call statistics.

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

Key

- * – A value can be entered for this property only when inserting new records, and cannot be changed later.
- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

add_vendor

Deprecated in favour of Vendor/add_vendor

update_vendor

Deprecated in favour of Vendor/update_vendor

add_connection

Deprecated in favour of Vendor/add_connection

update_connection

Deprecated in favour of Vendor/update_connection

delete_connection

Deprecated in favour of Vendor/delete_connection

get_stats_dates

Parameters: GetStatsDatesRequest structure

Return Value: GetStatsDatesResponse structure

This method allows getting the customer or vendor statistics CSV file list.

Type Reference

GetVendorListRequest structure

Property	Type	Description
i_env	int	ID of the environment

GetVendorListResponse structure

Property	Type	Description
list	string	List of the vendors in the environment

GetVendorInfoRequest structure

Property	Type	Description
i_vendor	int	ID of the needed vendor
i_env	int	ID of the needed environment

GetVendorInfoResponse structure

Property	Type	Description
VendorInfo structure	string	List of info parameters of the vendor

GetConnectionListRequest structure

Property	Type	Description
i_env	int	ID of the environment
i_vendor	int	ID of the vendor

GetConnectionListResponse structure

Property	Type	Description
list	string	List of connections

GetConnectionInfoRequest structure

Property	Type	Description
i_env	int	ID of the environment
i_vendor	int	ID of the vendor

GetConnectionInfoResponse structure

Property	Type	Description
ConnectionInfo structure	string	List of info parameters of the connection

GetVendorStatsByDaysRequest structure

Property	Type	Description
i_connection	int	ID of the connection

GetVendorStatsByDaysResponse structure

Property	Type	Description
VendorStatsBy-Days structure	string	List of vendor stats by days

GetConnectionsStatsRequest structure

Property	Type	Description
i_env	int	ID of the environment
i_vendor	int	ID of the vendor
i_connection	int	ID of the connection
i_customer	int	ID of the customer
iso_3166_1_a2	string	Adds grouping by country
destination	int	Number/prefix
from_date	string	Starting statistics date
to_date	string	Ending statistics date
min_calls	int	Minimal number of calls made
total	string	Summed up statistics
groupby	string	Grouping settings

GetConnectionsStatsResponse structure

Property	Type	Description
ConnectionsStats structure	string	List of connection stats

GetStatsDatesRequest structure

Property	Type	Description
i_env	int	ID of the environment
i_customer/ i_vendor	int	ID of the customer or vendor

GetStatsDatesResponse structure

Property	Type	Description
file_list	array	Array of CSV statistics files

VendorInfo structure

Property	Type	Description
i_vendor*	int	ID of the vendor
name	char	Name of the vendor
iso_4217*	char	Currency
opening_balance*	decimal	Opening balance
i_acl*	int	ID of the access level associated with vendor
i_time_zone	int	Time zone of the web interface
i_lang	char	Language of the web interface
i_billing_period	tinyint	ID of the billing period used
companyname	char	Company name
salutation	char	Mr./Ms./etc.
firstname	char	First name
midinit	char	Middle name initials
lastname	char	Last name
baddr1	varchar	Address line 1
baddr2	varchar	Address line 2
baddr3	varchar	Address line 3
baddr4	varchar	Address line 4
baddr5	varchar	Address line 5
city	char	City
state	char	State
zip	char	ZIP code
country	char	Country
note	char	Description of the vendor
cont1	char	Contact
phone1	char	Primary phone number
faxnum	char	Fax number
phone2	char	Secondary phone number
cont2	char	Secondary contact
login	char	Web interface login
password	char	Web interface password
email	char	Email of the vendor
out_date_format	char	Web interface output date format
out_time_format	char	Web interface output time format
out_date_time_for- mat	char	Web interface output date and time format
in_date_format	char	Web interface input date format
in_time_format	char	Web interface input time format
i_customer	int	ID of the customer for the bilateral traffic exchange
offset_threshold	decimal	Offset threshold of the bilateral traffic exchange

ConnectionInfo structure

Property	Type	Description
i_connection*	int	ID of the connection
i_vendor*	int	ID of the vendor
vendor_name*	vchar	Name of the vendor
<u>description</u>	vchar	Connection description
i_node	int	ID of the node used with the connection
<u>i_tariff</u>	int	ID of the vendor tariff used with the connection
call_origin	enum	Supply caller identity
call_type	enum	Type of this connection
port	vchar	Remote IP port
CLD	vchar	CLD tech prefix
i_env	tinyint	ID of the environment
cld_translation_rule	vchar	CLD translation rule
remote_ip	vchar	Remote gateway IP
<u>capacity</u>	smallint	The number of simultaneous sessions this connection can support
asr	float	Average successful call rate
i_vendor_acc	int	ID of the vendor account
outgoing_cld_translation_rule	vchar	Outgoing CLD translation rule
i_oli	int	Info digits
sip	enum	SIP routing protocol
h323	enum	H323 routing protocol
cli_translation_rule	vchar	CLI translation rule
rtp_level	tinyint	NAT traversal capabilities of the remote gateway
clir_method	enum	Caller identity mode
i_service_type*	tinyint	The type of service this connection is used to transport

VendorStatsByDays structure

Property	Type	Description
i_connection	int	ID of the connection
bill_time	int	Billing time for the day
calls	int	Total number of calls
acd	int	Average call duration
asr	int	Average successful call rate
pay	int	Payment amount
profit	int	Profit amount

ConnectionsStats structure

Property	Type	Description
calls	int	Number of calls made through this connection
successful_calls	int	Number of successful calls made through this connection
failed_calls	int	Number of failed calls made through this connection
charge	int	Charged amount
profit	int	Profit amount
duration	int	Total calls duration

Access to DID Inventory Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

get_owner_batch_list

Parameters: GetOwnerBatchListRequest structure
 Return Value: GetOwnerBatchListResponse structure

This method allows an API user to get the list of DID batches managed by the reseller.

Type Reference

GetOwnerBatchListRequest structure

Property	Type	Description
i_env	int	ID of the environment
i_customer	int	internal ID of the reseller
name	string	Name of the batch

GetOwnerBatchListResponse structure

Property	Type	Description
owner_batch_list	array	List of the owner batches

Access to Product Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

Key

- * – A value can be entered for this property only when inserting new records, and cannot be changed later.
- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

add_product

Deprecated in favour of Product/add_product

add_accessibility

Deprecated in favour of Product/add_service_and_rating

del_accessibility

Deprecated in favour of Product/delete_service_and_rating

get_accessibility_list

Deprecated in favour of Product/get_service_and_rating_list

Access to Routing Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

get_routing_plan_list

Depricated in favour of RoutingPlan/get_routing_plan_list

get_route_list

Depricated in favour of RoutingPlan/get_route_list

Access to Subscription Information

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

get_subscription_list

Deprecated in favour of Customer/get_subscriptions and Subscriptions/get_subscription_list

Access to information of IP restrictions

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

Key

- * – A value can be entered for this property only when inserting new records, and cannot be changed later.
- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

is_ip_restricted

Params: IsIPRestrictedRequest structure

Return Value: IsIPRestrictedResponse structure

This method allows an API user to check the IP restrictions for user, customer or account.

Type Reference

IsIPRestrictedRequest structure

Property	Type	Description
<u>type</u>	enum	Account, customer, user
<u>i_value</u>	int	ID of account or customer, or user
ip	string	IP address

IsIPRestrictedResponse structure

Property	Type	Description
restrict	int	Return '1' if IP denied, '0' if IP accepted

Access to Mobyx Configuration

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

Key

- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

enable_g729

Params: Enable_g729Request structure
Return Value: Enable_g729Response structure

This method allows an API user to order g729 license for Mobyx.

Type Reference

Enable_g729Request structure

Property	Type	Description
<u>id</u>	string	i_account value
notify_email	string	The email address to which the error message will be sent, if any occurred
from_email	string	The email address that will be specified in the 'From' header

Enable_g729Response structure

Property	Type	Description
result	int	Return '1' if order was placed, '0' if an error occurred

Access to Call Monitor Configuration

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Callmon>

Key

- * – A value can be entered for this property only when inserting new records, and cannot be changed later.
- ** – This property is read-only, and its value cannot be changed.
- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

save_profile

Parameters: SaveProfileRequest structure

Return Value: SaveProfileResponse structure

This method allows an API user to save the Call Monitor profile.

load_profile

Parameters: LoadProfileRequest structure

Return Value: LoadProfileResponse structure

This method allows an API user to load Call Monitor profile data.

delete_profile

Parameters: DeleteProfileRequest structure

This method allows an API user to delete the Call Monitor profile.

Type Reference

SaveProfileRequest structure

Property	Type	Description
<u>name</u>	varchar	Name of the profile
<u>login</u>	varchar	Login
data**	times-tamp	Date of the update
ts**	times-tamp	Date of the last profile save

SaveProfileResponse structure

Property	Type	Description
list	string	List of the profiles

LoadProfileRequest structure

Property	Type	Description
prof_data	times-tamp	Date of the update
name	varchar	Name of the profile
login	varchar	Login
i_profile	int	ID of the profile

LoadProfileResponse structure

Property	Type	Description
list	string	Profile data

DeleteProfileRequest structure

Property	Type	Description
i_profile	int	ID of the profile

Access to Call Queues Configuration

Methods

URI(namespace): <https://mybilling.telinta.com/UM/SOAP/Queues>

Key

- Mandatory properties (whose value must be entered during insertion, and cannot be set to an empty value later) are underlined.

get_queue_calls

Params: GetQueueCallsRequest structure

Return Value: GetQueueCallsResponse structure

This method allows an API user to get the array of Call Queues records.

Type Reference

GetQueueCallsRequest structure

Property	Type	Description
<u>i_queue</u>	int	ID of the call queue

GetQueueCallsResponse structure

Property	Type	Description
queue_calls	array	List of call records

Access to Mobile top-up methods

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/Internal>

transferto

Parameters: TransferToRequest structure

Return Value: TransferToResponse structure

The following methods can be used:

pricelist – Returns information configured in your account such as counties list, operators list, or products list and prices (wholesale and retail).

msisdn_info – Returns relevant information on a MSISDN (operator, country...) as well as the list of products configured for your account and the destination operator linked to that MSISDN.

topup – Recharge a destination number with a specified product.

prepaynation

Parameters: PrepayNationRequest structure

Return Value: PrepayNationResponse structure

The following methods can be used:

get_sku_list – Returns list of available SKUs (products).

purchase_pin – Purchase a PIN-based product.

purchase_rtr – Purchase an RTR-based product.

purchase_rtr_by_ani – Recharge a destination number with a specified amount.

Type Reference

TransferToRequest structure

pricelist request

Property	Type	Description
<u>method</u>	string	'pricelist' should be used for this parameter in order to invoke the pricelist method
<u>i_customer/</u> <u>i_account</u>	int	ID of the customer/account
<u>info_type</u>	enum	Must be set to "operator" to return the list of wholesale and retail prices available for the given operator. Must be set to "countries" to return the list of all available countries.
<u>content</u>	int	This parameter is related to info_type: defines the operatorid for which the prices lists are requested.

msisdn_info requests

Property	Type	Description
<u>method</u>	string	'msisdn_info' should be used for this parameter in order to invoke the msisdn_info method
<u>i_customer/</u> <u>i_account</u>	int	ID of the customer/account
<u>destination_msisdn</u>	numeric string	Destination MSISDN (usually recipient phone number). This is the destination phone number that will be credited with the amount transferred. Format is restricted to international phone number only.
deliv- ered_amount_info	string	Setting this to "1" will return the fields local_info_amount_list, local_info_currency and local_info_value_list in the response. Blank or "no" if you do not want this returned
return_service_fee	numeric	Setting this to "1" will return the field service_fee_list in the response. Blank or "0" if you do not want it returned.
operatorid	int	Operator ID of the receiving operator that must be used when treating the request. If set, the platform will be forced to use this operator ID and will not identify the operator of the destination MSISDN based on the numbering plan. It is very useful in case of countries with number portability if you are able to know the destination operator.
return_promo	numeric	Setting this to "1" will return the current promotion related to the transaction's operator.

topup request

Property	Type	Description
<u>method</u>	string	'topup' should be used for this parameter in order to invoke the topup method
<u>i_customer/</u> <u>i_account</u>	int	ID of the customer/account
<u>destination_msisdn</u>	numeric string	This is the destination phone number that will be credited with the amount transferred. Format is restricted to international phone number only.
<u>msisdn</u>	string	The international phone number requesting to credit a phone number (sender phone number). The format must contain the country code.
<u>product</u>	string	Product (or denomination) to use in the request.
return_service_fee	numeric	Setting this to "1" will return the field service_fee_list in the response. Blank or "0" if you do not want it returned.
delivered_amount_info	string	Setting this to "1" will return the fields local_info_amount_list, local_info_currency and local_info_value_list in the response. Blank if you do not want this returned.
operatorid	int	Operator ID of the receiving operator that must be used when treating the request. If set, the platform will be forced to use this operator ID and will not identify the operator of the destination MSISDN based on the numbering plan. It is very useful in case of countries with number portability if you are able to know the destination operator.
return_promo	numeric	Setting this to "1" will return the current promotion related to the transaction's operator.
send_sms	string	Recipient SMS. When this field is set to "no", the notification SMS is not sent to the recipient. When this field is not defined or not equals to "no", the default SMS is sent to recipient.
sms	string	Recipient SMS. This field is used to send your own free text message. It will be appended to the default notification SMS sent to the recipient. Must be less than 30 chars and special characters have to be encoded.
return_timestamp	int	Setting this to "1" will return the field timestamp in the response. Blank or "0" if you do not want it returned.
return_version	int	Setting this to "1" will return the API version in the API response. Blank or "0" if you do not want it returned.

TransferToResponse structure

pricelist response

Property	Type	Description
authentication_key	int	Key generated by the client to perform the request.
country	string	List of countries offered.
countryid	string	List of respective unique ID of countries listed in parameter "country".
error_code	int	Error code of the transaction.
error_txt	string	Description of the error.

msisdn_info response

Property	Type	Description
authentication_key	int	Key generated by the client to perform the request.
country	string	Country of the destination operator.
countryid	string	Unique ID of the destination country.
error_code	int	Error code of the transaction.
error_txt	string	Description of the error.
operator	string	Destination operator name.
operatorid	int	Destination operator ID returned only if forced by client, else blank.
connection_status	int	Shows successful rate to the destination operator.
destination_msisdn	string	Recipient phone number.
destination_currency	string	Currency of the destination country.
product_list	string	Returns the list of all available products configured for the current account.
service_fee_list	string	Returns the list of all service fee configured for the current account.
retail_price_list	string	Returns the list of all final retail prices configured for the current account.
wholesale_price_list	string	Returns the wholesale price list of all available products configured for the current account.
local_info_amount_list	string	List of final amounts received by recipient (after taxes and operator fees).
local_info_value_list	string	List of each product amount (before taxes and service fees) in local currency.
local_info_currency	string	Currency of the destination country.
promotion	string	Promotion details. Returned only when requested with return_promo field.
promo_start	date	Promotion start date (e.g "yyyy-mm-dd hh:mm:ss+offset").
promo_end	date	Promotion end date.

topup response

Property	Type	Description
authentication_key	int	Key generated by the client to perform the request.
country	string	Country of the destination operator.
countryid	int	Unique ID of the destination country.
error_code	int	Error code of the transaction.
error_txt	string	Description of the error.
operator	string	Destination operator name.
operatorid	int	Destination operator ID returned only if forced by client, else blank.
destination_msisdn	string	Recipient phone number.
destination_currency	string	Currency of the destination country.
local_info_currency	string	Currency of the destination country.
promotion	string	Promotion details. Returned only when requested with return_promo field.
promo_start	date	Promotion start date (e.g "yyyy-mm-dd hh:mm:ss+offset").
promo_end	date	Promotion end date.
msisdn	string	The international phone number or name of the user(sender) requesting to credit a phone number.
originating_currency	string	Currency of the account from which the transaction is requested.
product_requested	float	Value of the product defined in "product" field of the topup request.
actual_product_sent	float	Returns the value requested to the operator (equals to product_requested in case of successful transaction). It equals to 0 when Top-up failed.
send_sms	string	Recipient SMS. When this field is set to "no", the notification SMS is not sent to the recipient. When this field is not defined or not equals to "no", the default SMS is sent to recipient.
sms	string	Recipient SMS. This field is used to send your own free text message. It will be appended to the default notification SMS sent to the recipient. Must be less than 30 chars and special characters have to be encoded.
wholesale_price	numeric	Returns the cost of the product defined in "product" field of the request. This cost is set in the account's currency.
service_fee	numeric	Returns the service fee of the product as configured in the account.
retail_price	numeric	Returns the retail price of the product as configured in the account.

Property	Type	Description
transactionid	int	ID of the transaction.
cid1	string	Value of the customized field cid1 sent in the Top-up request.
cid2	string	Value of the customized field cid2 sent in the Top-up request.
cid3	string	Value of the customized field cid3 sent in the Top-up request.
reference_operator	string	Reference of the operator (returned only if available).
local_info_amount	numeric	Final amount received by recipient (after taxes and operator fees). Indicative value only.
local_info_value	numeric	Amount of the product (before taxes and service fees) in local currency.
return_timestamp	date	Timestamp recorded for this transaction (e.g "2013-03-18 00:00:00").
return_version	numeric	Version of this API.
balance	numeric	Returns the account's remaining balance.

PrepayNationRequest structure

get_sku_list request

Property	Type	Description
<u>method</u>	string	'get_sku_list' should be used for this parameter in order to invoke the get_sku_list method
<u>i_customer/</u> <u>i_account</u>	int	ID of the customer/account

purchase_pin request

Property	Type	Description
<u>method</u>	string	'purchase_pin' should be used for this parameter in order to invoke the purchase_pin method
<u>i_customer/</u> <u>i_account</u>	int	ID of the customer/account
skuld	int	Skuld of the Pin
amount	int	Amount to be loaded on the PIN

purchase_rtr request

Property	Type	Description
<u>method</u>	string	'purchase_rtr' should be used for this parameter in order to invoke the purchase_rtr method
<u>i_customer/</u> <u>i_account</u>	int	ID of the customer/account
skuld	int	Skuld of the Pin
amount	int	Top-up Amount
mobile	string	Mobile number of the subscriber
senderMobile	string	Mobile Number of person recharging the international topup. This number is required, when the recharge is international topup. This value can be null if not available

purchase_rtr_by_ani request

Property	Type	Description
<u>method</u>	string	'purchase_rtr' should be used for this parameter in order to invoke the purchase_rtr method
<u>i_customer/</u> <u>i_account</u>	int	ID of the customer/account
skuld	int	Skuld of the Pin
amount	int	Top-up Amount
mobile	string	Mobile number of the subscriber
senderMobile	string	Mobile Number of person recharging the international topup. This number is required, when the recharge is international topup. This value can be null if not available

PrepayNationResponse structure

get_sku_list response

Property	Type	Description
skuld	int	Skuld of the Pin
Face Value	int	Face value of the sku
MinAmount	int	Min value of the sku
MaxAmount	int	Max value of the sku

purchase_pin/purchase_rtr/purchase_rtr_by_ani response

Property	Type	Description
Version	string	Version of the API
ResponseCode	string	00 means the request was successful. A non 000 value means the request failed
ResponseMessage	string	If the response code is 000, this value is null. If not 000, the Response Message describe the exact cause of the failure.
Invoice	array	Array of the OrderInvoice structure. Invoice will be null if the response code is not 000
Topup	array	Topup recharge information

OrderInvoice structure

Property	Type	Description
InvoiceNumber	int	Number of the invoice
TransactionDate-Time	datetime	Day and time of the transaction
InvoiceAmount	number	Amount of the invoice
FaceValueAmount	number	Face value amount
Cards	array	Collection of Skus

Access to DID API methods

Methods

URI(namespace): <https://mybilling.telinta.com/Porta/SOAP/DIDAPI>

get_countries

Parameters: GetDIDAPICountriesListRequest structure
Return Value: GetDIDAPICountriesListResponse structure

Returns the list of countries for which you can order a DID number.

get_states

Parameters: GetDIDAPIStatesListRequest structure
Return Value: GetDIDAPIStatesListResponse structure

Returns the list of states for which you can order a DID number.

get_ratecenters

Parameters: GetDIDAPIRatecentersListRequest structure
Return Value: GetDIDAPIRatecentersListResponse structure

Returns the list of ratecenters for which you can order a DID number.

get_numbers

Parameters: GetDIDAPINumbersListRequest structure
Return Value: GetDIDAPINumbersListResponse structure

Returns the list of available DID numbers.

order_number

Parameters: DIDAPIOrderNumberRequest structure
Return Value: DIDAPIOrderNumberResponse structure

Order a DID number from the supported provider.

cancel_number

Params: DIDAPICancelNumberRequest structure
 Return Value: DIDAPICancelNumberResponse structure

Cancel a DID number.

Type Reference

GetDIDAPICountriesListRequest structure

Property	Type	Description
		No input parameters

GetDIDAPICountriesListResponse structure

Property	Type	Description
countries	array	Array of DIDAPICountry structure

GetDIDAPIStatesListRequest structure

Property	Type	Description
country	string	Country value

GetDIDAPIStatesListResponse structure

Property	Type	Description
states	array	Array of DIDAPIState structure

GetDIDAPIRatecentersListRequest structure

Property	Type	Description
country	string	Country value
state	string	State value

GetDIDAPIRatecentersListResponse structure

Property	Type	Description
ratecenters	array	Array of DIDAPIRatecenter structure

GetDIDAPINumbersListRequest structure

Property	Type	Description
<u>country</u>	string	Country value
<u>state</u>	string	State value
<u>ratecenter</u>	string	Ratecenter value

GetDIDAPINumbersListResponse structure

Property	Type	Description
numbers	array	Array of DIDAPINumber structure

DIDAPIOrderNumberRequest structure

Property	Type	Description
<u>package</u>	string	Name of the DIDAPI package
<u>number</u>	string	Number value
<u>country</u>	string	Country value
<u>ratecenter</u>	string	Ratecenter value
<u>city_id</u>	string	City_id value
<u>monthly</u>	string	Monthly fee

DIDAPIOrderNumberResponse structure

Property	Type	Description
result	DIDAP-INumber structure	DID number information

DIDAPICancelNumberRequest structure

Property	Type	Description
<u>package</u>	string	Name of the package
<u>number</u>	string	DID number

DIDAPICancelNumberResponse structure

Property	Type	Description
result	DIDAP-INumber structure	DID number cancel information

DIDAPICountry structure

Property	Type	Description
package	string	Name of the DIDAPI package
value	string	Country value
name	string	Country name

DIDAPIState structure

Property	Type	Description
package	string	Name of the DIDAPI package
value	string	State value
name	string	State name

DIDAPIRatecenter structure

Property	Type	Description
package	string	Name of the DIDAPI package
value	string	Ratecenter value
name	string	Ratecenter name
city_id	int	ID of the city

DIDAPINumber structure

Property	Type	Description
package	string	Name of the DIDAPI package
number	string	DID number
country	string	Country name
city	string	City name
area_code	string	Area code of the number
monthly	string	Monthly fee for the DID number
city_id	int	ID of the city
code	int	Return code
error	string	Error description

Access to TeliCon methods

Methods

URI(namespace): https://mybilling.telinta.com/Porta/SOAP/LS_Conference

get_room_info

Parameters: GetConferenceRoomInfoRequest structure
Return Value: GetConferenceRoomInfoResponse structure

Returns information about a conference room.

get_room_list

Parameters: GetConferenceRoomListRequest structure
Return Value: GetConferenceRoomListResponse structure

Returns the list of conference rooms.

add_room

Parameters: AddConferenceRoomRequest structure
Return Value: AddConferenceRoomResponse structure

Creates a conference room.

update_room

Parameters: UpdateConferenceRoomRequest structure
Return Value: UpdateConferenceRoomRequest structure

Updates a conference room.

delete_room

Parameters: DeleteConferenceRoomRequest structure
Return Value: DeleteConferenceRoomResponse structure

Deletes a room.

get_room_recordings

Params: GetConferenceRoomRecordingsRequest structure

Return Value: GetConferenceRoomRecordingsResponse structure

Gets recordings for a room.

delete_room_recording

Params: DeleteConferenceRoomRecordingRequest structure

Return Value: DeleteConferenceRoomRecordingResponse structure

Deletes recording for a room.

Type Reference

GetConferenceRoomInfoRequest structure

Property	Type	Description
i_room	int	internal ID of the room

GetConferenceRoomInfoResponse structure

Property	Type	Description
room_info	Confer- ence- Room- Info structure	Conference room information

GetConferenceRoomListRequest structure

Property	Type	Description
i_account	int	internal ID of an account

GetConferenceRoomListResponse structure

Property	Type	Description
room_list	array	Array of ConferenceRoomInfo structure

AddConferenceRoomRequest structure

Property	Type	Description
<u>room_info</u>	Confer- ence- Room- Info structure	Conference room information

AddConferenceRoomResponse structure

Property	Type	Description
i_room	int	Internal ID of the room

UpdateConferenceRoomRequest structure

Property	Type	Description
<u>room_info</u>	Confer- ence- Room- Info structure	Conference room information

UpdateConferenceRoomResponse structure

Property	Type	Description
success	bool	Result of update (0 or 1)

DeleteConferenceRoomRequest structure

Property	Type	Description
<u>i_room</u>	int	Internal ID of the room

DeleteConferenceRoomResponse structure

Property	Type	Description
success	bool	Result of deletion (0 or 1)

GetConferenceRoomRecordingsRequest structure

Property	Type	Description
i_room	int	Internal ID of the room
i_account	int	Internal ID of the account
offset	int	Specifies the number of recordings to skip (if not set, then do not skip)
limit	int	Specifies the number of recordings to return

GetConferenceRoomRecordingsResponse structure

Property	Type	Description
recordings_list	array	Array of ConferenceRoomRecordingInfo structure

DeleteConferenceRoomRecordingRequest structure

Property	Type	Description
<u>i_room</u>	int	Internal ID of the room
<u>filename</u>	string	Name of the file

DeleteConferenceRoomRecordingResponse structure

Property	Type	Description
success	bool	Result of update (0 or 1)

ConferenceRoomInfo structure

Property	Type	Description
i_room	int	Internal ID of a room
i_account	int	Internal ID of an account
name	string	Name of the room
i_env	int	Internal ID of an environment
pin	int	pin number of a room
moderator_pin	int	moderator pin number a room
start_time	date	Specifies the date and time when the conference will start
max_duration	int	
wait_for_moderator	enum ('Y','N')	If the option is enabled, conference participants will not be allowed to enter the room until the Moderator arrives
close_after_participants_exit	enum ('Y','N')	When the last participant leaves the conference, the room is blocked automatically
announce_join_leave	enum ('Y','N')	Enable/disable announcement of join/leave
announce_name	int	Announces the name of a new participant who enters the room
play_moh	enum ('Y','N')	Enable/disable music on hold
max_participants	int	The maximum number of participants who can enter the room
record	enum ('Y','N','A')	Enable/disable recording
mute	int	Mute options: 0 - Participants can mute/unmute themselves; 1 - Non-moderators muted by default, can unmute; 2 - Non-moderators muted by default, cannot unmute; 3 - Non-moderators can listen only;
announce_number_participants	enum ('Y','N')	Enable/disable announcing the number of participants
blocked	enum ('Y','N')	If activated, conference participants will not be able to access the conference room
i_moh	int	Internal ID of a MOH

ConferenceRoomRecordingInfo structure

Property	Type	Description
i_room	int	Internal ID of a room
i_account	int	Internal ID of an account
filename	string	Name of the file
timestamp	string	Time and date of the recording
url_to_download	string	Link that points to the file
size	float	Size of the file in Megabytes

Appendix A

Simple SOAP PHP script

```

<?php

$host = 'mybilling.telinta.com'; // mybilling.yourdomain.com or IP address
$login = ''; //SOAP login
$password = ''; //SOAP password
$service = ''; //Admin or Reseller service
$i_product = ''; //i_product value

$session = new SoapClient ("https://" . $host . "/wsdl/Session{$service}Service.wsdl");
$session_id = $session->login($login, $password);

$headers = NULL;
$headers [] = new SoapVar ("<session_id>$session_id</session_id>",
                            XSD_ANYXML,
                            "session_id",
                            "https://" . $host . "/Porta/SOAP/Session");
$auth_info = new SoapHeader ("https://" . $host . "/Porta/SOAP/Session",
                             "auth_info",
                             $headers);
$internal_client = new SoapClient("https://" . $host . "/wsdl/Internal{$service}Service.wsdl");

try {
    $internal_client->__setSoapHeaders($auth_info);
    $GetAccessibilityListRequest = array('i_product' => $i_product);

    $GetAccessibilityListResponse = $internal_client->get_accessibility_list(
        $GetAccessibilityListRequest);
    foreach ($GetAccessibilityListResponse->accessibility_list as $accessibility) {
        echo "id=" . $accessibility->i_accessibility;
        if ($accessibility->i_tariff == NULL){
            $GetRoutingTariffListRequest = array('i_accessibility' => $accessibility->i_accessibility)
            ;
            $GetRoutingTariffListResponse = $internal_client->get_routing_tariff_list(
                $GetRoutingTariffListRequest);
            foreach ($GetRoutingTariffListResponse->routing_tariff_list as $routing_tariff){
                echo "i_routing_plan=" . $routing_tariff->i_routing_plan . "i_tariff=" . $routing_tariff->
                    i_tariff . "<br>";
            }
            echo "<br>";
        }
        else { echo "i_tariff=" . $accessibility->i_tariff . "<br>"; }
    }
} catch (SoapFault $e) { var_dump ($e); }

?>
    
```

TransferTo PHP example

```

<?php

$host = 'mybilling.telinta.com'; // mybilling.yourdomain.com or IP address
$login = ''; //SOAP login
$password = ''; //SOAP password
$service = 'Admin'; //Admin or Reseller service
$i_customer = ''; //i_customer value
$info_type = 'countries';

$session = new SoapClient ("https://" . $host . "/wsdl/Session{$service}Service.wsdl");
$session_id = $session->login($login, $password);

$headers = NULL;
$headers[] = new SoapVar ("<session_id>$session_id</session_id>",
                        XSD_ANYXML,
                        "session_id",
                        "https://" . $host . "/Porta/SOAP/Session");
$auth_info = new SoapHeader ("https://" . $host . "/Porta/SOAP/Session",
                            "auth_info",
                            $headers);
$internal_client = new SoapClient("https://" . $host . "/wsdl/Internal{$service}Service.wsdl");

try {

$internal_client->__setSoapHeaders($auth_info);
$TransferToRequest = array(
    'method' => 'pricelist',
    'i_customer' => $i_customer,
    'content' => '1',
    'info_type' => $info_type,
);

$TransferToResponse = $internal_client->transferTo($TransferToRequest);
print $TransferToResponse->{'country'};

} catch (SoapFault $e) { var_dump ($e); }

?>
    
```

DID API Python example

```
from suds.client import Client

api_hostname = 'mybilling.telinta.com' # mybilling.yourdomain.com or IP address
api_user = '' # SOAP login
api_password = '' # SOAP password

wsdl_base = 'https://%s/wsdl/' % api_hostname

# login
soap = Client(wsdl_base + '/SessionAdminService.wsdl')
session_id = soap.service.login(api_user, api_password)
print "Started_session:_%s" % session_id

# DID API
soap = Client(wsdl_base + '/DIDAPIAdminService.wsdl')
token = soap.factory.create('ns0:AuthInfoStructure')
token.session_id = session_id
soap.set_options(soapheaders=token)

# get countries
request = soap.factory.create('ns0:GetDIDAPICountriesListRequest')
countries_response = soap.service.get_countries(request)
print "Country:_%s" % countries_response.countries[0].value

# get state
request = soap.factory.create('ns0:GetDIDAPIStatesListRequest')
request.country = countries_response.countries[0].value
states_response = soap.service.get_states(request)
print "State:_%s" % states_response.states[0].value

# get ratecenters
request = soap.factory.create('ns0:GetDIDAPIRatecentersListRequest')
request.country = countries_response.countries[0].value
request.state = states_response.states[0].value
ratecenter_response = soap.service.get_ratecenters(request)
print "Ratecenter:_%s" % ratecenter_response.ratecenters[0].value

# get numbers
request = soap.factory.create('ns0:GetDIDAPINumbersListRequest')
request.country = countries_response.countries[0].value
request.state = states_response.states[0].value
request.ratecenter = ratecenter_response.ratecenters[0].value
numbers_response = soap.service.get_numbers(request)
print "Number:_%s" % numbers_response.numbers[0].number

# order number
request = soap.factory.create('ns0:DIDAPIOrderNumberRequest')
request.country = countries_response.countries[0].value
request.ratecenter = ratecenter_response.ratecenters[0].value
request.number = numbers_response.numbers[0].number
request.package = numbers_response.numbers[0].package
order_response = soap.service.order_number(request)
print "Order:_%s" % order_response.result

# cancel number
request = soap.factory.create('ns0:DIDAPICancelNumberRequest')
request.package = numbers_response.numbers[0].package
request.number = numbers_response.numbers[0].number
cancel_response = soap.service.cancel_number(request)
print "Cancel:_%s" % cancel_response.result
```