



Telinta
Additions
to XML API (SOAP)

Admin Guide

Rev. 4.1

www.telinta.com

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Table of contents

| | |
|---|-----------|
| Copyright Notice | 2 |
| Introduction | 9 |
| Access to API | 10 |
| Security | 10 |
| Error Handling | 10 |
| WSDL | 10 |
| Establishing Authenticated Session | 11 |
| Methods | 11 |
| login | 11 |
| ping | 11 |
| logout | 11 |
| Type Reference | 12 |
| LoginRequest structure | 12 |
| LoginResponse structure | 12 |
| PingRequest structure | 12 |
| PingResponse structure | 12 |
| LogoutRequest structure | 12 |
| Access to Destination Information | 13 |
| Methods | 13 |
| get_destination | 13 |
| Type Reference | 13 |
| GetDestinationRequest structure | 13 |
| GetDestinationResponse structure | 13 |
| Access to Destination Group Information | 14 |
| Methods | 14 |
| get_group_set_list | 14 |
| get_group_set | 14 |
| get_group | 14 |
| Type Reference | 15 |
| GetDestGroupSetListRequest structure | 15 |
| GetDestGroupSetListResponse structure | 15 |
| GetDestGroupSetRequest structure | 15 |
| GetDestGroupSetResponse structure | 15 |
| GetDestGroupRequest structure | 15 |
| GetDestGroupResponse structure | 15 |
| DestinationGroupSetInfo structure | 16 |
| DestinationGroupInfo structure | 16 |
| DestinationGroupItemInfo structure | 16 |
| Access to Tariff Information | 17 |
| Methods | 17 |
| add tariff | 17 |
| get_rates_list | 17 |
| add_update_tariff_binding | 17 |
| del_tariff_binding | 17 |
| get_tariff_binding_list | 18 |

| | |
|--|-----------|
| get_tariff_templates_list | 18 |
| add_update_routing_tariff | 18 |
| get_routing_tariff_list | 18 |
| delete_routing_tariff | 18 |
| get_tariff_list | 18 |
| get_tariff_info | 19 |
| Type Reference | 20 |
| AddTariffRequest structure | 20 |
| AddTariffResponse structure | 20 |
| GetRatesListRequest structure | 20 |
| GetRatesListResponse structure | 20 |
| AddUpdateTariffBindingRequest structure | 21 |
| AddUpdateTariffBindingResponse structure | 21 |
| DelTariffBindingRequest structure | 21 |
| DelTariffBindingResponse structure | 21 |
| GetTariffBindingListRequest structure | 21 |
| GetTariffBindingListResponse structure | 21 |
| GetTariffTemplatesListRequest structure | 21 |
| GetTariffTemplatesListResponse structure | 22 |
| AddUpdateRoutingTariffRequest structure | 22 |
| AddUpdateRoutingTariffResponse structure | 22 |
| GetRoutingTariffListRequest structure | 22 |
| GetRoutingTariffListResponse structure | 22 |
| DeleteRoutingTariffRequest structure | 22 |
| DeleteRoutingTariffResponse structure | 22 |
| GetTariffListRequest structure | 23 |
| GetTariffListResponse structure | 23 |
| GetTariffInfoRequest structure | 23 |
| GetTariffInfoResponse structure | 23 |
| TariffInfo structure | 24 |
| RateInfo structure | 25 |
| Access to Environment Information | 26 |
| Methods | 26 |
| get_i_env | 26 |
| Type Reference | 26 |
| GetIEnvResponse structure | 26 |
| Access to Customer Information | 27 |
| Methods | 27 |
| get_customer_stats | 27 |
| get_customer_stats_by_days | 27 |
| get_customer_stats_lastdays | 27 |
| get_customer_stats_eachday | 27 |
| get_customers_stats | 27 |
| get_stats_dates | 28 |
| get_customer_active_calls | 28 |
| get_customer_vdp_counter_history | 28 |
| Type Reference | 29 |
| GetCustomerStatsRequest structure | 29 |
| GetCustomerStatsResponse structure | 29 |
| GetCustomerStatsByDaysRequest structure | 29 |

| | |
|--|-----------|
| GetCustomerStatsByDaysResponse structure | 29 |
| GetCustomerStatsLastdaysRequest structure | 29 |
| GetCustomerStatsLastdaysResponse structure | 29 |
| GetCustomerStatsEachdayRequest structure | 30 |
| GetCustomerStatsEachdayResponse structure | 30 |
| GetCustomersStatsRequest structure | 30 |
| GetCustomersStatsResponse structure | 30 |
| GetStatsDatesRequest structure | 30 |
| GetStatsDatesResponse structure | 30 |
| CustomerStats structure | 31 |
| CustomerStatsByDays structure | 31 |
| CustomerStatsEachday structure | 32 |
| CustomersStats structure | 32 |
| GetCustomerActiveCallsRequest structure | 32 |
| GetCustomerActiveCallsResponse structure | 32 |
| GetCustomerActiveCalls structure | 33 |
| GetCustomerVDPCounterHistoryRequest structure | 33 |
| GetCustomerVDPCounterHistoryResponse structure | 33 |
| CustomerVDPCounterHistory structure | 33 |
| Access to Vendor Information | 34 |
| Methods | 34 |
| get_vendor_list | 34 |
| get_vendor_info | 34 |
| get_connection_list | 34 |
| get_connection_info | 34 |
| get_connection_stats | 35 |
| get_vendor_stats_by_days | 35 |
| get_connections_stats | 35 |
| add_vendor | 35 |
| update_vendor | 35 |
| add_connection | 36 |
| update_connection | 36 |
| delete_connection | 36 |
| get_stats_dates | 36 |
| Type Reference | 37 |
| GetVendorListRequest structure | 37 |
| GetVendorListResponse structure | 37 |
| GetVendorInfoRequest structure | 37 |
| GetVendorInfoResponse structure | 37 |
| GetConnectionListRequest structure | 37 |
| GetConnectionListResponse structure | 37 |
| GetConnectionInfoRequest structure | 37 |
| GetConnectionInfoResponse structure | 38 |
| GetVendorStatsByDaysRequest structure | 38 |
| GetVendorStatsByDaysResponse structure | 38 |
| GetConnectionsStatsRequest structure | 38 |
| GetConnectionsStatsResponse structure | 38 |
| GetStatsDatesRequest structure | 38 |
| GetStatsDatesResponse structure | 39 |
| VendorInfo structure | 39 |

| | |
|--|-----------|
| ConnectionInfo structure | 40 |
| VendorStatsByDays structure | 40 |
| ConnectionsStats structure | 41 |
| AddVendorRequest structure | 41 |
| AddVendorResponse structure | 41 |
| UpdateVendorRequest structure | 41 |
| UpdateVendorResponse structure | 41 |
| AddConnectionRequest structure | 41 |
| AddConnectionResponse structure | 41 |
| UpdateConnectionRequest structure | 42 |
| UpdateConnectionResponse structure | 42 |
| DeleteConnectionRequest structure | 42 |
| DeleteConnectionResponse structure | 42 |
| Access to DID Inventory Information | 43 |
| Methods | 43 |
| get_owner_batch_list | 43 |
| Type Reference | 43 |
| GetOwnerBatchListRequest structure | 43 |
| GetOwnerBatchListResponse structure | 43 |
| Access to Product Information | 44 |
| Methods | 44 |
| add_product | 44 |
| add_accessibility | 44 |
| del_accessibility | 44 |
| get_accessibility_list | 44 |
| Type Reference | 45 |
| AddProductRequest structure | 45 |
| AddProductResponse structure | 45 |
| AddAccessibilityRequest structure | 45 |
| AddAccessibilityResponse structure | 45 |
| DelAccessibilityRequest structure | 45 |
| DelAccessibilityResponse structure | 45 |
| GetAccessibilityListRequest structure | 45 |
| GetAccessibilityListResponse structure | 45 |
| ProductInfo structure | 46 |
| AccessibilityInfo structure | 46 |
| Access to Routing Information | 47 |
| Methods | 47 |
| get_routing_plan_list | 47 |
| get_route_list | 47 |
| Type Reference | 48 |
| GetRoutingPlanListRequest structure | 48 |
| GetRoutingPlanListResponse structure | 48 |
| GetRouteListRequest structure | 48 |
| GetRouteListResponse structure | 48 |
| RouteInfo structure | 48 |
| Access to Subscription Information | 49 |
| Methods | 49 |

| | |
|---|-----------|
| get_subscription_list | 49 |
| Type Reference | 49 |
| GetSubscriptionListRequest structure | 49 |
| GetSubscriptionListResponse structure | 49 |
| Access to information of IP restrictions | 50 |
| Methods | 50 |
| is_ip_restricted | 50 |
| Type Reference | 50 |
| IsIPRestrictedRequest structure | 50 |
| IsIPRestrictedResponse structure | 50 |
| Access to Mobyx Configuration | 51 |
| Methods | 51 |
| enable_g729 | 51 |
| Type Reference | 51 |
| Enable_g729Request structure | 51 |
| Enable_g729Response structure | 51 |
| Access to Call Monitor Configuration | 52 |
| Methods | 52 |
| save_profile | 52 |
| load_profile | 52 |
| delete_profile | 52 |
| Type Reference | 53 |
| SaveProfileRequest structure | 53 |
| SaveProfileResponse structure | 53 |
| LoadProfileRequest structure | 53 |
| LoadProfileResponse structure | 53 |
| DeleteProfileRequest structure | 53 |
| Access to Call Queues Configuration | 54 |
| Methods | 54 |
| get_queue_calls | 54 |
| Type Reference | 54 |
| GetQueueCallsRequest structure | 54 |
| GetQueueCallsResponse structure | 54 |
| Access to Mobile top-up methods | 55 |
| Methods | 55 |
| transferto | 55 |
| bocapay | 55 |
| prepaynation | 55 |
| Type Reference | 56 |
| TransferToRequest structure | 56 |
| TransferToResponse structure | 58 |
| BocapayRequest structure | 61 |
| BocapayResponse structure | 61 |
| PrepayNationRequest structure | 63 |
| PrepayNationResponse structure | 64 |
| OrderInvoice structure | 64 |

| | |
|--|---------------|
| Access to DID API methods | 65 |
| Methods | 65 |
| get_countries | 65 |
| get_states | 65 |
| get_ratecenters | 65 |
| get_numbers | 65 |
| order_number | 65 |
| cancel_number | 66 |
| Type Reference | 66 |
| GetDIDAPICountriesListRequest structure | 66 |
| GetDIDAPICountriesListResponse structure | 66 |
| GetDIDAPIStatesListRequest structure | 66 |
| GetDIDAPIStatesListResponse structure | 66 |
| GetDIDAPIRatecentersListRequest structure | 66 |
| GetDIDAPIRatecentersListResponse structure | 66 |
| GetDIDAPINumbersListRequest structure | 67 |
| GetDIDAPINumbersListResponse structure | 67 |
| DIDAPIOrderNumberRequest structure | 67 |
| DIDAPIOrderNumberResponse structure | 67 |
| DIDAPICancelNumberRequest structure | 67 |
| DIDAPICancelNumberResponse structure | 67 |
| DIDAPICountry structure | 68 |
| DIDAPIState structure | 68 |
| DIDAPIRatecenter structure | 68 |
| DIDAPINumber structure | 68 |
| Appendix A | 69 |
| Simple SOAP PHP script | 69 |
| TransferTo PHP example | 70 |
| DID API Python example | 71 |

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

Parameters: GetDestGroupSetListRequest structure

Return Value: GetDestGroupSetListResponse structure

get_group_set

Parameters: GetDestGroupSetRequest structure

Return Value: GetDestGroupSetResponse structure

get_group

Parameters: GetDestGroupRequest structure

Return Value: GetDestGroupResponse structure

Type Reference

GetDestGroupSetListRequest structure

| Property | Type | Description |
|----------|------|---|
| offset | int | Specifies the number of rows to skip (if not set, then do not skip) |
| limit | int | Specifies the number of rows to return (1000 by default) |

GetDestGroupSetListResponse structure

| Property | Type | Description |
|----------------|-------|--|
| group_set_list | array | Array of DestinationGroupSetInfo structure |

GetDestGroupSetRequest structure

| Property | Type | Description |
|-------------------------|------|---|
| <u>i_dest_group_set</u> | int | ID of the destination group set |
| offset | int | Specifies the number of rows to skip (if not set, then do not skip) |
| limit | int | Specifies the number of rows to return (1000 by default) |

GetDestGroupSetResponse structure

| Property | Type | Description |
|------------|-------|---|
| group_list | array | Array of DestinationGroupInfo structure |

GetDestGroupRequest structure

| Property | Type | Description |
|-------------------------|------|---|
| <u>i_dest_group_set</u> | int | ID of the destination group set |
| offset | int | Specifies the number of rows to skip (if not set, then do not skip) |
| limit | int | Specifies the number of rows to return (1000 by default) |

GetDestGroupResponse structure

| Property | Type | Description |
|------------------|-------|---|
| destination_list | array | Array of DestinationGroupItemInfo structure |

DestinationGroupSetInfo structure

| Property | Type | Description |
|------------------|------|-----------------------------------|
| i_dest_group_set | int | ID of the destination group set |
| name | char | Name of the destination group set |
| used | int | Min=0, max=1 |

DestinationGroupInfo structure

| Property | Type | Description |
|------------------|------|-----------------------------------|
| i_dest_group | int | ID of the destination group |
| i_dest_group_set | int | ID of the destination group set |
| name | char | Name of the destination group set |
| used | int | Min=0, max=1 |
| prefixes | char | List of prefixes |

DestinationGroupItemInfo structure

| Property | Type | Description |
|-------------|------|----------------------------|
| i_dest | int | ID of the destination |
| country | char | Country name |
| description | char | Description of destination |
| prefix | char | Destination prefix |

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

Params: AddTariffRequest structure

Return Value: AddTariffResponse structure

This method allows an API user to add a tariff for a customer.

get_rates_list

Params: 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

Params: 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

Params: 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

Parameters: AddUpdateRoutingTariffRequest structure
Return Value: AddUpdateRoutingTariffResponse structure

This method allows an API user to add or update a routing tariff associated with a vendor.

get_routing_tariff_list

Parameters: GetRoutingTariffListRequest structure
Return Value: GetRoutingTariffListResponse structure

This method allows an API user to get the list of routing tariffs associated with a vendor.

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

Parameters: GetTariffListRequest structure
Return Value: GetTariffListResponse structure

This method allows an API user to get the list of tariffs associated with the customer.

get_tariff_info

Parameters: GetTariffInfoRequest structure

Return Value: GetTariffInfoResponse structure

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

Type Reference

AddTariffRequest structure

| Property | Type | Description |
|-----------------------------------|--------|---|
| TariffInfo structure structure | string | Details of the tariff that is being added |

AddTariffResponse structure

| Property | Type | Description |
|----------|------|------------------------|
| i_tariff | int | ID of the added tariff |

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 |

AddUpdateRoutingTariffRequest structure

| Property | Type | Description |
|----------------------|------|----------------------------------|
| i_accessibility | int | ID of accessibility |
| i_routing_plan | int | ID of routing plan |
| i_tariff* | int | ID of tariff |
| i_acc_routing_tariff | int | ID of the routing tariff account |
| i_tariff_reseller | int | ID of reseller |

AddUpdateRoutingTariffResponse structure

| Property | Type | Description |
|----------------------|------|----------------------------------|
| i_acc_routing_tariff | int | ID of the updated routing tariff |

GetRoutingTariffListRequest structure

| Property | Type | Description |
|-----------------|------|---|
| i_accessibility | int | ID of accessibility that uses the tariffs |

GetRoutingTariffListResponse structure

| Property | Type | Description |
|---------------------|-------|-------------------------------|
| routing_tariff_list | array | Array of TariffInfo structure |

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 |

GetTariffListRequest structure

| Property | Type | Description |
|------------|--------|-------------------------|
| currency | string | Currency used in tariff |
| i_customer | int | ID of the customer |
| type | string | Type of tariff |

GetTariffListResponse structure

| Property | Type | Description |
|-------------|-------|-------------------------------|
| tariff_list | array | Array of TariffInfo structure |

GetTariffInfoRequest structure

| Property | Type | Description |
|----------|------|------------------|
| i_tariff | int | ID of the tariff |

GetTariffInfoResponse structure

| Property | Type | Description |
|-------------|--------|-----------------------------------|
| tariff_info | string | Tariff details from Porta::Tariff |

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/Callmon>

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/Internal>

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.

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

get_customer_active_calls

Parameters: GetCustomerActiveCallsRequest structure

Return Value: GetCustomerActiveCallsResponse structure

This method allows an API user to list of customer active calls. Deprecated in favor of `get_active_calls_list` Porta method.

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 hour |
| 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 |

GetCustomerActiveCallsRequest structure

| Property | Type | Description |
|------------|------|--------------------------------|
| i_customer | int | ID of the customer |
| i_parent | int | ID of the reseller, if present |

GetCustomerActiveCallsResponse structure

| Property | Type | Description |
|----------------------------------|--------|---|
| GetCustomerActiveCalls structure | string | List of customer active calls structure |

GetCustomerActiveCalls structure

| Property | Type | Description |
|-----------------|---------|------------------------------------|
| i_active_calleg | int | ID of the active call leg |
| i_account | int | ID of the active account |
| i_customer | int | ID of the customer |
| CLI | varchar | Calling number |
| CLD | varchar | 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

Params: GetVendorStatsByDaysRequest structure

Return Value: GetVendorStatsByDaysResponse structure

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

get_connections_stats

Params: 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

Params: AddVendorRequest structure

Return Value: AddVendorResponse structure

This method allows an API user to add vendor for customer.

update_vendor

Params: UpdateVendorRequest structure

Return Value: UpdateVendorResponse structure

This method allows an API user to update vendor information.

add_connection

Parameters: AddConnectionRequest structure
Return Value: AddConnectionResponse structure

This method allows an API user to add connection to the vendor associated with the customer.

update_connection

Parameters: UpdateConnectionRequest structure
Return Value: UpdateConnectionResponse structure

This method allows an API user to update connection of the vendor associated with the customer.

delete_connection

Parameters: DeleteConnectionRequest structure
Return Value: DeleteConnectionResponse structure

This method allows an API user to delete connection of the vendor associated with the customer.

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 |

AddVendorRequest structure

| Property | Type | Description |
|----------------------|--------|---|
| VendorInfo structure | string | Details of the vendor that is being added |

AddVendorResponse structure

| Property | Type | Description |
|----------|------|------------------------|
| i_vendor | int | ID of the added vendor |

UpdateVendorRequest structure

| Property | Type | Description |
|----------------------|--------|---|
| VendorInfo structure | string | Details of the vendor that is being updated |

UpdateVendorResponse structure

| Property | Type | Description |
|----------|------|--------------------------|
| i_vendor | int | ID of the updated vendor |

AddConnectionRequest structure

| Property | Type | Description |
|--------------------------|--------|---|
| ConnectionInfo structure | string | Details of the connection that is being added |

AddConnectionResponse structure

| Property | Type | Description |
|--------------|------|----------------------------|
| i_connection | int | ID of the added connection |

UpdateConnectionRequest structure

| Property | Type | Description |
|--------------------------|--------|---|
| ConnectionInfo structure | string | Details of the connection that is being updated |

UpdateConnectionResponse structure

| Property | Type | Description |
|--------------|------|------------------------------|
| i_connection | int | ID of the updated connection |

DeleteConnectionRequest structure

| Property | Type | Description |
|--------------|------|--|
| i_connection | int | ID of the connection that needs deletion |

DeleteConnectionResponse structure

| Property | Type | Description |
|----------|--------|--|
| result | string | Message indicating the result of operation |

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

Params: AddProductRequest structure

Return Value: AddProductResponse structure

This method allows an API user to add a product for the customer.

add_accessibility

Params: AddAccessibilityRequest structure

Return Value: AddAccessibilityResponse structure

This method allows an API user to add accessibility to the product associated with the customer.

del_accessibility

Params: DelAccessibilityRequest structure

Return Value: DelAccessibilityResponse structure

This method allows an API user to delete an accessibility from the product associated with the customer.

get_accessibility_list

Params: GetAccessibilityListRequest structure

Return Value: GetAccessibilityListResponse structure

This method allows an API user to get the accessibility list of the product.

Type Reference

AddProductRequest structure

| Property | Type | Description |
|-----------------------|--------|--|
| ProductInfo structure | string | Details of the product that is being added |

AddProductResponse structure

| Property | Type | Description |
|-----------|------|-------------------------|
| i_product | int | ID of the added product |

AddAccessibilityRequest structure

| Property | Type | Description |
|-----------------------------|--------|--|
| AccessibilityInfo structure | string | Details of the accessibility that is being added |

AddAccessibilityResponse structure

| Property | Type | Description |
|-----------------|------|-------------------------|
| i_accessibility | int | ID of the accessibility |

DelAccessibilityRequest structure

| Property | Type | Description |
|-----------------|------|---|
| i_accessibility | int | ID of the accessibility that is being deleted |

DelAccessibilityResponse structure

| Property | Type | Description |
|----------|--------|--|
| result | string | Message indicating the result of operation |

GetAccessibilityListRequest structure

| Property | Type | Description |
|-----------|------|-------------------|
| i_product | int | ID of the product |

GetAccessibilityListResponse structure

| Property | Type | Description |
|----------|-------|--------------------------------------|
| ret_list | array | Array of AccessibilityInfo structure |

ProductInfo structure

| Property | Type | Description |
|---------------------------------|---------|---|
| name | char | Name of the product |
| iso_4217* | char | Currency used in the product |
| maintenance_fee | decimal | Maintenance fee |
| maintenance_pe- riod | enum | Maintenance period |
| breakage | decimal | Breakage |
| i_customer | int | ID of the customer associated with product |
| description | char | Description of the product |
| info_url | char | URL to an external website describing prod- uct features |
| validation_module | char | Validation module used with web-signup |
| continue_url | char | URL of the page with the web-signup results |
| subscrip- tion_http_referer | char | HTTP referer used for web-signup |
| default_i_acl | int | ID of the default access level |
| i_vd_plan | int | ID of the default discount plan |
| subscription_host | char | Subscription associated with the product |
| maintenance_ef- fective_from | char | Date at which product becomes available |

AccessibilityInfo structure

| Property | Type | Description |
|--------------------|---------|---|
| i_product* | int | ID of the product that is associated with the accessibility |
| i_tariff* | int | ID of the tariff that is associated with the accessibility |
| i_accessibility* | int | ID of the accessibility that is being created |
| i_tariff_reseller* | int | ID of the reseller tariff associated with the accessibility |
| i_node | int | ID of the node associated with the accessi- bility |
| CLD | char | Access code |
| i_oli | char | Info digits |
| i_service_type* | int | ID of the service type used in the accessibil- ity |
| max_auth_funds | decimal | Authorization chunk |

Access to Routing Information

Methods

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

get_routing_plan_list

Parameters: GetRoutingPlanListRequest structure

Return Value: GetRoutingPlanListResponse structure

This method allows an API user to get the list of routing plans in the environment.

get_route_list

Parameters: GetRouteListRequest structure

Return Value: GetRouteListResponse structure

This method allows an API user to get the filtered list of routes for a certain routing plan (or for all available routing plans if none is specified).

Type Reference

GetRoutingPlanListRequest structure

| Property | Type | Description |
|----------|------|-----------------------|
| i_env | int | ID of the environment |

GetRoutingPlanListResponse structure

| Property | Type | Description |
|-------------------|-------|---------------------------|
| routing_plan_list | array | List of the routing plans |

GetRouteListRequest structure

| Property | Type | Description |
|----------------|--------|------------------------|
| number | string | Destination number |
| i_routing_plan | int | ID of the routing plan |

GetRouteListResponse structure

| Property | Type | Description |
|---------------------|-------|--|
| RouteInfo structure | array | Filtered list of the RouteInfo structure |

RouteInfo structure

| Property | Type | Description |
|-------------------------|---------|----------------------------|
| number | int | Destination number |
| price_n | int | Next price |
| destination | int | Destination number |
| vendor_name | string | Name of the vendor |
| currency | string | Currency |
| route_category | string | Route category |
| preference | int | Preference |
| i_vendor | int | ID of the vendor |
| remote_ip | int | Remote gateway IP |
| huntstop | boolean | Huntstop option |
| route_category_name | string | Route category name |
| i_tariff | int | ID of tariff |
| destination_country | int | Destination number(number) |
| tariff_name | string | Name of the tariff |
| destination_description | string | Destination description |
| connection_name | string | Name of the connection |
| i_connection | int | ID of the connection |

Access to Subscription Information

Methods

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

get_subscription_list

Params: GetSubscriptionListRequest structure

Return Value: GetSubscriptionListResponse structure

This method allows an API user to get the list of subscriptions managed by customer/reseller. For reseller realm, if i_customer not specified the result will be the list of subscriptions managed by the reseller. **NOTE:** The customer must be viewable by the user making the request.

Type Reference

GetSubscriptionListRequest structure

| Property | Type | Description |
|------------|--------|------------------------------|
| i_env | int | ID of the environment |
| i_customer | int | ID of the customer |
| iso_4217 | string | Currency of the subscription |

GetSubscriptionListResponse structure

| Property | Type | Description |
|-------------------|-------|------------------------------|
| subscription_list | array | List of subscription details |

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/Porta/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.

bocapay

Parameters: BocapayRequest structure
Return Value: BocapayResponse structure

The following methods can be used:

get_product_list – Returns the list of products with corresponding SKUs.

get_pin – Purchase a PIN-based product.

load – Purchase an RTR-based 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. |

BocapayRequest structure

get_product_list request

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

get_pin request

| Property | Type | Description |
|--|--------|---|
| <u>method</u> | string | 'get_pin' should be used for this parameter in order to invoke the get_pin method |
| <u>i_customer/</u> <u>i_account</u> | int | ID of the customer/account |
| <u>amount</u> | int | Amount to be loaded on the PIN |
| <u>sku</u> | int | Product Code for the PIN requested |

load request

| Property | Type | Description |
|--|--------|---|
| <u>method</u> | string | 'load' should be used for this parameter in order to invoke the load method |
| <u>i_customer/</u> <u>i_account</u> | int | ID of the customer/account |
| <u>amount</u> | number | Amount to be loaded on the account |
| <u>phone_number</u> | string | Number of the account that the funds need to be loaded to |
| <u>sku</u> | int | Product code identifying the service associated with the account number |

BocapayResponse structure

get_product_list response

| Property | Type | Description |
|-------------|-------|--|
| ProductList | array | The list of products based on the file provided by the mobile top-up account owner |
| ErrorCode | int | Response Error Code |

get_pin response

| Property | Type | Description |
|----------------|--------|--|
| ErrorCode | int | Response Error Code |
| ErrorText | string | Error Description |
| PIN | int | PIN number |
| Serial | int | Carrier Control number for the PIN dispensed |
| Transaction ID | int | Unique Bocapay Transaction Identifier |

load response

| Property | Type | Description |
|----------------|--------|---|
| ErrorCode | int | Response Error Code |
| ErrorText | string | Error Description |
| ReceiptText | string | Used to return Balance and other important account information. The data in this field is formatted using HTML. |
| Transaction ID | int | Unique Bocapay Transaction Identifier |

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/Internal>

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 |

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(soaphheaders=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
```